

# Catalog Home

## Welcome to the Xavier University Catalog

The *Xavier University Undergraduate and Graduate Catalog* is the official source of the university's academic programs, policies, and procedures. It is published annually by the Office of the Registrar. The 2023-2024 edition includes academic and programmatic requirements for students entering the university during the Fall 2023, Spring 2024, and Summer 2024 semesters. Although every effort is made to ensure the accuracy and currency of its contents, this catalog is not intended to state contractual terms and should not be regarded as a contract between the student and the institution.

## Accessing Current Course Information

To access course information, click on the Course Descriptions link in the left-hand navigation. Please be aware that the course offerings at Xavier University are continually under examination and revision. To locate the most current course prerequisites, co-requisites, registration restrictions, as well as times and locations for courses offered, please visit one of the following:

To Search the Course Catalog; please click [here](#)

To Search the Class Schedule; please click [here](#)

## Looking for a Different Catalog?

Choose the **Archived Catalogs** link in the navigation bar to access previous editions of the catalog.

## A Message from the President

Greetings!

As Xavier University's 35<sup>th</sup> President, it is my pleasure to welcome you to this remarkable Musketeer community. Xavier offers a full range of undergraduate and graduate degree programs and, as a Jesuit Catholic institution rooted in the liberal arts tradition, we embrace our mission of *cura personalis* - caring for the entire person - as we educate each student intellectually, morally and spiritually. We are proud of Xavier's distinctive learning opportunities that are created through rigorous academic and professional programs, integrated with co-curricular engagement.

At Xavier, we provide countless transformational opportunities, in and beyond the classroom, for deep and active learning. Our outreach programs enhance and complete the educational experience through an inclusive environment of open and free inquiry, used to prepare students for a world that is diverse, connected and increasingly complex. Driven by our commitment to the common good and to the education of the whole person, the Xavier community challenges and supports students as they cultivate lives of reflection, compassion and informed action.

At Xavier, students are welcomed into a deeply personal community that encourages them to develop skills in order to become successful and achieve their goals. Our students are prepared to embrace lives of success and impact after they graduate, always in pursuit of the greater good.

We are also proud to serve as an educational and cultural resource for the communities that border our campus, the City of Cincinnati and, indeed, for the broader world into which our students venture to continue their journeys. I am confident that, as you learn more about Xavier's unique campus community, you will find a place in which to continue your journey.

All the best,

Colleen M. Hanycz, Ph.D.

President

## Mission and History

About the University

## University Mission Statement

Xavier is a Jesuit Catholic university rooted in the liberal arts tradition. Our mission is to educate each student intellectually, morally, and spiritually. We create learning opportunities through rigorous academic and professional programs integrated with co-curricular engagement. In an inclusive environment of open and free inquiry, we prepare students for a world that is increasingly diverse, complex and interdependent. Driven by our commitment to educating the whole person, promoting the common good, and serving others, the Xavier community challenges and supports all our members as we cultivate lives of reflection, compassion and informed action.

## University Vision Statement

Xavier men and women become people of learning and reflection, integrity and achievement, in solidarity for and with others.

## Xavier Student Commitment

We are Xavier Musketeers.

We are unique individuals who come together in the spirit of St. Ignatius,

To learn together, to serve together

And we will succeed in changing the world together.

We act with integrity, justice and generosity.

All for one and one for all.

## History

Xavier University was established in 1831 when the first bishop of Cincinnati, Edward Fenwick, raised a two-story building near the cathedral in downtown Cincinnati and opened its doors to educate seminarians and other young men in the Ohio area. This institute of arts and sciences was the first Catholic institution of higher learning in the Northwest Territory. The original name of the college was The Athenaeum, but it was dedicated from the beginning to the patronage of St. Francis Xavier.

At first, the college was administered by the bishop and his diocesan priests, but as it grew, it began to require professional academic leadership. In 1840, John Roothaan, the Jesuit Superior General, responded to the request of Fenwick's successor, Bishop John Purcell, and appointed three Jesuit priests, two brothers and two scholastics, to assume leadership of the college. Its name was changed to St. Xavier College in honor of the Jesuit educator under whose patronage the college was originally placed.

It was during these first few years as a Jesuit institution that Xavier began to take on the unique character and special role that it fulfills today. For example, a mercantile program was added to the curriculum in 1840 because the Jesuit educators recognized the need to supplement the traditional humanities education with a sound business program. Today, the University is recognized for its development of the Williams College of Business, which together with the other academic colleges - the College of Arts and Sciences and the College of Professional Sciences - provide students with a broad-based learning experience.

In 1841, Xavier offered its first night courses, beginning a tradition of serving the unique needs and schedules of professionals in the Cincinnati community, a tradition it proudly continues today.

St. Xavier College moved to its present location in the geographic center of the city in 1919, when its growth and development called for new and larger facilities. To reflect that growth and development, the name was changed to Xavier University in 1930. Since that time, the University has become coeducational (1969) and has implemented a host of new academic programs, faculties, community projects and student services.

A historical development at Xavier was the addition on July 1, 1980, of a second campus and a fourth undergraduate college, Edgecliff College. Founded in 1935 by the Sisters of Mercy as a women's liberal arts college, Edgecliff brought with it 45 years of dedication and academic excellence. In 1985, the Edgecliff campus was sold, and all programs were moved to the main campus. In 1999, Alumni Hall was renovated and renamed Edgecliff Hall to bring to campus a physical presence of the legacy of Edgecliff College.

The campus grew in the 1980s with donations of property by the U.S. Shoe Corporation in 1982 and the Rainbo Baking Company in 1986 (including an 84,000-square-foot building) that increased Xavier's total campus acreage to 80 acres.

Other expansions included Xavier Village, a 56-unit student apartment complex constructed on 5.6 acres of property purchased from Peggy Becker Jackson in May 1988, and the Link complex, three acres received through a charitable trust from Joseph Link Jr. on Jan. 2, 1989. These additions brought Xavier's total area to 89 acres.

On April 21, 1991, James E. Hoff, S.J., was inaugurated as Xavier's 33rd president. Under Hoff's leadership, the University experienced a remarkable growth spurt. The addition of the Lindner Family Physics Building (1991) and the closing of a portion of Ledgewood Avenue in 1993 were followed by the creation of the residential and academic malls in the mid-1990's. The restoration of Hinkle, Schmidt and Edgecliff (formerly Alumni) halls, Bellarmine Chapel, and the construction of the Cintas Center and student recreation park soon followed. Academically, Hoff brought about some substantial changes, including the creation of the academic service-learning semesters, the Brueggeman Center for Dialogue, the doctoral program in psychology - Xavier's first doctoral-level course of study and the second PsyD program in Ohio - and the Weekend Degree Program. He also created the National Alumni Association.

In the fall of 2001, Michael J. Graham, S.J., was inaugurated as Xavier's 34th president, continuing the pattern of growth and prosperity, with particular focus on academics. A new academic vision statement helped drive Xavier to a significant increase in national recognition for its academics. A third honors program was added. The Conaton Learning Commons was constructed with 21st-century teaching and learning styles in mind. The addition of Smith Hall helped make the Williams College of Business one of the nation's most dynamic business schools by any measure. And a new four-dorm residence hall and dining complex named Fenwick Place was built to accommodate the growing demand for enrollment in the University. In 2006, Xavier celebrated its 175th anniversary, and Xavier's growth since its founding reflects its origins as a teaching institution that soundly prepares students for careers, graduate study or both. A Xavier education, particularly at the undergraduate level, is marked by an emphasis on liberal arts learning contained in Xavier's core curriculum. Equally important in the Xavier tradition is the synthesis of human, cultural and ethical values, concern and respect for all people, and an appreciation of the worth and dignity of the self and others.

A continued emphasis was also placed on Xavier's Jesuit heritage with the creation of the Center for Mission and Identity, which includes the Conway Institute for Jesuit Education, Ignatian programs and an online Jesuit resource service. The Dorothy Day Center for Faith and Justice and the Center for Interfaith Community Engagement were created to challenge and support students as they deepen their spiritual lives.

In the fall of 2021, Dr. Colleen Hanycz., will be inaugurated as Xavier's 35th president

# Jesuit Education

Xavier University offers its students the advantages of a quality liberal education, which has always been the center of a Jesuit university. Such an education enables the student to put personal academic goals in the context of the diverse achievements of civilization and the vast potential of the human person. Jesuit and Catholic education presumes that the truth about the world and humankind, discovered through human reason, cannot ultimately conflict with the truth of faith, since the two have a common origin in God. Indeed, the continuing dialogue between religious tradition and developing human wisdom is of primary importance in the search for ultimate truth.

The goal of a Jesuit and Catholic education is integration of the intellectual dimension of learning and the spiritual experience of the student, along with the development of a strong system of personal moral values. Such an education strives for the formation of the student's mind and heart into a habit of reaching out to the needs of today's and tomorrow's global society and, in the process, of reaching out to God.

The institution is committed to making available a rigorous academic learning environment, which educates each student intellectually, morally and spiritually.

## Xavier at a Glance

**Location:** On 189 acres in a residential section of Cincinnati, Ohio, which was ranked by Money magazine as the fifth best place to live in the Midwest, and is home to 13 Fortune 1000 companies and two professional sports teams. The city is known for its neighborhoods, parks, cultural activities, zoo, amusement parks, and seasonal events and festivals along the Ohio River.

**Affiliation:** Founded in 1831, Xavier University is a private, coeducational university. It is third largest independent institution in Ohio. It is the fourth oldest of the 27 Jesuit institutions of higher education in the United States, the sixth oldest Catholic university in the nation, and the first Catholic institution of higher education in the Northwest Territory.

**National Honors:** Xavier has been ranked among the top 10 for 17 consecutive years by *U.S. News & World Report*. Xavier is ranked among the nation's best colleges and universities by *The Princeton Review* and is on *Forbes.com's* list of America's best colleges.

**Curriculum:** Xavier offers 85 undergraduate areas of study from which to choose in the College of Arts and Sciences, the College of Professional Sciences, and the Williams College of Business. Undergraduate minors are offered in 66 areas of study. In addition, Xavier offers comprehensive preparation for admission to professional schools in the areas of medicine, dentistry, veterinary, optometry, pharmacy, and law. Graduate programs are offered in 34 areas, including a doctorate in psychology and a doctorate of education in Leadership Studies. Xavier also offers several certificate programs.

**Enrollment:** Approximately 6,800 students with about 4,650 undergraduates, and 2,150 graduate students. More than 89 percent of the freshman and sophomore students live on campus. Of the full-time undergraduates, 46 percent are men and 54 percent are women. Students come here from 48 states and 47 countries.

**Typical Freshman Profile:** The middle 50 percent of new students at Xavier have High School GPAs between 3.2 and 3.9; ACT composites from 22 to 28; SAT composites from 1070 to 1240. More than 80 percent rank in the top half of their high school class. Approximately 91 percent live on campus in our modern residential facilities. The average freshman retention rate is 84 percent.

**Faculty:** Xavier has 352 full-time faculty and 393 part-time faculty. The student-faculty ratio is 12:1.

**Activities:** Students choose from approximately 150 different academic clubs and social organizations. Some of those organizations include student government association, student activities council, jazz and pep bands, choir, campus ministry, academic clubs, and intramurals.

**Athletics:** Division I in all 16 varsity sports and a member of the prestigious Big East Conference. Sports include men's and women's basketball, cross country, golf, soccer, swimming, tennis, track, men's baseball and women's volleyball. A few of the club sports offered include boxing, crew, gymnastics, ice hockey, lacrosse, ultimate Frisbee, triathlon, rugby, soccer, volleyball, tennis and fencing. Intramural programs are available in 12 sports including basketball, racquetball, volleyball, floor hockey, soccer, and softball.

**Scholarship Opportunities:** Academic scholarships, which are competitive and renewable for four years, are offered in five categories. Departmental, alumni, athletic, performing and visual arts, multicultural, and other scholarships are also available.

## Accreditation and Memberships

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### Accreditation

Xavier University is accredited by the Higher Learning Commission. Xavier has been continuously accredited by the Commission since 1935. The Commission may be contacted via their website at <https://www.hlcommission.org/>, by mail at 30 N. LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504, or by phone 1-800-621-7440.

Xavier University is also accredited by the Ohio Department of Higher Education as a degree-granting institution, and is approved by Department of Education of the State of Ohio for teacher certification, and counseling.

### Program Accreditations

- The Athletic Training Education program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).
- The Chemistry program is recognized by the American Chemical Society (ACS) for its training in chemistry.

- The Bachelor of Science program in Computer Science with Concentration in Cybersecurity has been validated by the National Security Agency as a Center of Academic Excellence in Cybersecurity
- The College of Nursing's Bachelor of Science degree (BSN), Accelerated Bachelor of Science degree in Nursing (ABSN) and the Masters of Science in Nursing: Direct entry as a second degree (MIDAS) are fully approved by the Ohio Board of Nursing.
- The baccalaureate degree program in nursing, master's degree program in nursing, the doctor of nursing practice and the post graduate APRN certificates programs of Xavier University are accredited by the Commission on Collegiate Nursing Education (<http://www.ccnaccreditation.org>)
- The BSN, ABSN, MSN, FNP and MIDAS programs are endorsed by the American Holistic Nurses Credentialing Corporation
- Xavier is accredited by the Council on Social Work Education (CSWE) for its baccalaureate social work program
- Xavier's Master of Occupational Therapy program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA).
- Xavier's Doctor of Occupational Therapy program has Candidacy Status as granted by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA).
- The Montessori program is affiliated with the American Montessori Society (AMS) and is accredited by the Montessori Accreditation Council for Teacher Education (MACTE).
- The Master of Arts Program in School Counseling and the Master of Arts Program in Community Mental Health Counseling are accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).
- Programs in the School of Education are accredited by the Council for the Accreditation of Educator Preparation (CAEP).
- The graduate program in Health Services Administration is accredited by the Commission on the Accreditation of Health Management Education (CAHME).
- The undergraduate BSHSA Program is certified by the Association of University Programs in Health Administration (AUPHA).
- The English as a Second Language Program is accredited by The Commission on English Language Program Accreditation (CEA).
- The Williams College of Business is accredited by the Association to Advance Collegiate Schools of Business International (AACSB International).
- The Department of Music is accredited by the National Association of Schools of Music (NASM).
- The doctoral program in clinical psychology is accredited by the APA Office of Program Consultation and Accreditation, 750 First Street, NE; Washington DC 20002-4242, Phone 202 336-5979.

## Assessment

Xavier University has demonstrated its commitment to excellence by instituting an assessment program that includes all aspects of the University and is ongoing. The goal of this program is the continual improvement of the educational experience at Xavier. The involvement of every member of the Xavier community-faculty, staff and students-is necessary to ensure that the assessment program is a success.

## Institutional Memberships

The University maintains memberships in these educational and learned organizations:

Academy of Criminal Justice Sciences; Academy of Management; Academy of Political Science; American Academy of Political and Social Science; American Academy of Religion; American Accounting Association; American Art Therapy Association; American Association for State and Local History; American Association of Colleges of Nursing; American Association of Collegiate Registrars and Admissions Officers; American Association of School Administrators; American Association of University Professors; American Association for Employment in Education; American Catholic Philosophical Association; American College Personnel Association; American Correctional Association; American Council on Consumer Interests; American College and University President's Climate Commitment; American Council on Education; American Council on Teaching of Foreign Languages; American Economic Society; American Film Institute; American Finance Association; American Historical Association; American Library Association; American Management Association; American Marketing Association; American Mathematical Society; American Montessori Society; American Psychological Association; American Occupational Therapy Association; American Philological Association; American Political Science Association; American Production and Inventory Control Society; American Society for Training and Development; American Society of Composers, Authors, and Publishers; Association for Communication Administration; Association for Computer Machinery; Association for Continuing Higher Education; Association for Quality and Productivity; Association for Women in Mathematics; Association of American Colleges and Universities; Association of Catholic Colleges & Universities; Association of College Unions-International; Association of Departments of English; Association of Governing Boards of Universities & Colleges; Association of Independent Colleges and Universities of Ohio; Association of Jesuit Colleges and Universities; Association of Professors and Researchers in Religious Education; Association of Psychology Post-doctoral and Internship Centers; Association of State and Provincial Psychology Boards and the Council for the National Registrar of Health Service Providers in Psychology; Association of University Programs in Health Administration; Association to Advance Collegiate Schools of Business; Broadcast Education Association; Broadcast Music Incorporated; Canadian Historical Association; Canadian Sociology and Anthropology Association; Catholic Theological Society of America; Center for the Study of Democratic Institutions; Central Association of College & University Business Officers; Central States Conference on Teaching of Foreign Languages; Cincinnati USA Regional Chamber of Commerce; Classical Association of the Middle West and South; Coalition of Urban and Metropolitan Universities; College and University Personnel Association; The College Board; College English Association of Ohio; College Theology Society; Conference Board, Inc.; Conference on Partnership in Jesuit Higher Education; Consortium on Peace Research Education and Development; Council for Advancement and Support of Education; Council for Higher Education Accreditation; Council for Opportunity in Education; Council of Colleges of Arts and Sciences; Council of Independent Colleges; Council on Undergraduate Research; Downtown Cincinnati, Inc; Economic History Association; Fair Labor Association; Financial Executives International; Greater Cincinnati Consortium of Colleges and Universities; Greater Cincinnati Convention & Visitors Bureau; Greater Cincinnati Library Consortium; Handweavers Guild of America; Hastings Center; Hebrew Union College & Jewish Institute of Religion; Hispanic Association of Colleges and Universities; Institute of International Education; International Business School Computer User's Group; International Reading Association; Jesuit Conference of Nursing Programs; Lilly Fellows Program in Humanities and the Arts; Linguistic Society of America; Mathematical Association of America; Metaphysical Society of America; MidEast Collegiate Honors Association; Midwest Alliance In Nursing; Midwest Association of Student Financial Aid Administrators; Midwest Modern Language Association; Midwestern Association of Graduate Schools; Midwestern Collegiate Conference; Modern Language Association; National Academic Advising Association; National Art Education Association; National Association for Ethnic Studies; National Association of College Admission Counseling; National Association of Colleges and Employers; National Association of College and University Business Officers; National Association of Diversity Officers in Higher Education; National Association of Elementary School Principals; National Association of Foreign Student Advisors; National Association of Graduate Admissions Professionals; National Association of Secondary School Principals; National Association of Student Financial Aid Administrators; National Association of Student Personnel Administrators; National Association of Independent Colleges and Universities; National Career Development Association; National Catholic Educational Association; National Collegiate Athletic Association; National Committee on Planned Giving; National Council for the Social Studies; National Council of Schools and Programs of Professional Psychology; National Council of University Research Administrators; National Organization on Legal Problems of Education; National Organization of Nurse Practitioner Faculties; National School Board Association; National Student Employment Association; National Wildlife Federation; National Women's Studies Association; North American Academy of Liturgy; North American Association of Summer Schools; North American Association of Summer Sessions; North Central Association of Colleges & Schools; North Central Association of Summer Schools; Norwood Chamber of Commerce; Ohio Academy of Sciences; Ohio Assembly of Deans & Directors of Baccalaureate and Higher Degree Programs; Ohio Association of College Admission Counseling; Ohio Association of College and University Business Officers; Ohio Association of Colleges for Teacher Education; Ohio Association of Collegiate Registrars and Admissions Officers; Ohio Association of

Private Colleges for Teacher Education; Ohio Association of Student Financial Aid Administrators; Ohio Biological Survey; Ohio Campus Compact; Ohio College Association; Ohio Foreign Language Association; Region VI Coalition for Responsible Investment; Royal Historical Society; Sesac, Inc.; Society for College and University Planning; Society for the Advancement of American Philosophy; Society for the Study of the Multi-Ethnic Literature of the U.S.; Society of Biblical Literature; Society of Christian Ethics; Speech Communication Association-Ohio; Strategic Management Society; Teachers of English to Speakers of Other Languages; The Tuition Exchange; United States Green Building Coalition.

## Honor Societies and Professional Fraternities

- *Alpha Epsilon Delta* The Ohio Kappa Chapter of Alpha Epsilon Delta was installed at Xavier University in April of 2001. AED is the national honor society for students preparing for careers in health professions. The mission of the society is to encourage excellence in pre-health professions scholarship, and to benefit health organizations, charities and the community. Members are chosen in recognition of their commitment to health care professions, academic scholarship and service.
- *Alpha Sigma Nu* A chapter of this national honor fraternity for students of Jesuit colleges and universities was established at Xavier in 1939. Candidates for membership, chosen during their junior or senior year or from the graduate programs, must be outstanding in scholarship, in loyalty, and in service to the university.
- *Chi Sigma Iota* The Xavier University Sigma Seta Chi chapter of Chi Sigma Iota is an international honor society open to professional counselors and counselors in training. Its mission is to promote scholarship, research, professionalism and leadership in the counseling field.
- *Beta Gamma Sigma* is the international honor society serving business programs accredited by AACSB International -The Association to Advance Collegiate Schools of Business. Membership in Beta Gamma Sigma is the highest recognition a business student anywhere in the world can receive in a business program accredited by AACSB International.
- *Delta Sigma Pi* The Theta Lambda Chapter of the International Fraternity of Delta Sigma Pi, a professional business fraternity, promotes academic achievement, leadership, and a closer affiliation between the business world and business students.
- *Mortar Board* The D'Artagnan Chapter of Mortar Board was installed at Xavier in the spring of 1994. Mortar Board, founded in 1918 as the first national honor society for senior college women, is now a coeducational senior honor society which promotes equal opportunities among all people and emphasizes the advancement of the status of women. Members are chosen in recognition of their leadership, scholarship, and service.
- *Omicron Delta Epsilon* ODE is the international honors society in economics, with 535 chapters. The Xavier University chapter was founded in 1970. Among the objectives of ODE are recognition of scholastic attainment, the honoring of outstanding achievements in economics, and the establishment of closer ties between students and faculty in economics within the college and with other universities.
- *Phi Alpha Theta* Kappa Nu Chapter of the international honor society of history is open to history students (whether majors or not) who have distinguished themselves academically.
- *Phi Beta Kappa* celebrates and advocates excellence in the liberal arts and sciences. Founded in 1776, it is the nation's oldest academic honor society and has more than 500,000 members with 276 chapters nationwide. Its campus chapters invite for induction the most outstanding arts and sciences students at America's leading colleges and universities.
- *Pi Delta Phi* The purpose of this society is to recognize outstanding scholarship in the French language and its literature. To increase the knowledge and appreciation of Americans for the cultural contributions of the French-speaking world.
- *Psi Chi* is the national honorary society that recognizes academic achievement by psychology majors. The Psi Chi chapter at Xavier is a member of the national Psi Chi society. Membership in the society is recognized throughout the profession of psychology as a mark of distinction.
- *Sigma Delta Pi's* purpose is to honor those who attain excellence in the study of the Spanish language and in the study of the literature and culture of the Spanish-speaking peoples.
- *Sigma Pi Sigma* The Xavier University chapter of Sigma Pi Sigma, national physics honor society, honors students having high scholarship and promise of achievement in physics, promotes their interest in research, encourages professional spirit and friendship among physics students, and popularizes interest in physics.
- *Sigma*: a global honor society for nurses .

## The Seal of Xavier University

The seal of Xavier University reflects the Jesuit order and the life of St. Xavier. The five vertical stripes suggest the coat of arms of the Xavier family. A right arm wearing the Jesuit robe holds aloft a cross signifies Xavier's preaching and missionary works. The three seashells denote his three journeys into Asia. Above the shield is the Jesuit seal, IHS, the first three letters of the name Jesus in Greek. Below is the Jesuit motto, A.M.D.G. [*Ad Majorem Dei Gloriam*], which translates "to the Greater Glory of God," and *Vidit Mirabilia Magna*, a phrase from the Roman Breviary applied to St. Francis Xavier which translates "He has seen great wonders."

## Vision Statement

[Return to About the University](#)

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The Xavier Student Commitment  
We are Xavier Musketeers.  
We are unique individuals who come together in the spirit of St. Ignatius,  
to learn together, to serve together  
and we will succeed in changing the world together.  
We act with integrity, justice and generosity.  
All for one and one for all.

## Academic Calendar

## Fall Semester 2023

| Date                  | Event  |
|-----------------------|--|
| August 21             | Full Term Classes begin  |
| August 27             | Last day for late registration or changes in registration for full-term classes.   |
| September 4           | <b>Labor Day Holiday.</b> University Closed.   |
| September 15          | Deadline to submit Application for Graduation for Fall 2023 graduation.  |
| September 28          | <b>Mass of the Holy Spirit. No Classes 11:30 AM-1:00 PM.</b> Clinicals, practicums, student teaching, and internships may still meet in-person during this time. |
| October 5 & October 6 | <b>Fall Break,</b> no classes except evening once-a-week lecture classes. Please check your class syllabus. Offices are open.                                    |
| November 14           | Final day for withdrawal from full-term classes for Undergraduate students.  |
| November 22 - 26      | <b>Thanksgiving Holiday,</b> Classes do not meet.  |
| November 23 - 26      | <b>Thanksgiving Holiday:</b> University Closed   |
| December 8            | Last day of full-term classes. Final day for withdrawal from full-term classes for Graduate students.  |
| December 9 - 10       | Study Weekend.   |
| December 11 - 15      | Final Examination.   |
| December 15           | Last day of Fall Semester. Official Fall 2023 graduation date.   |
| December 18           | Final grades due.  |

## Spring Semester 2024

| Date               | Event  |
|--------------------|--|
| January 8          | Full-term classes begin  |
| January 14         | Last day for late registration or changes in registration for full-term classes.   |
| January 15         | <b>Martin Luther King Jr. Holiday,</b> University closed.  |
| January 19         | Deadline to submit Application for Graduation for Spring 2024 graduation.  |
| March 4 - 8        | Spring Break. No classes March 5 - 9.  |
| March 28 - April 1 | <b>Easter Holiday.</b> No Classes March 28 - April 1, with the exception of Monday once-a-week classes which meet after 4 PM on April 1. University closes on 3 PM on March 28 and reopens at 4 PM on April 1. |
| April 8            | Final day for withdrawal from full-term classes for Undergraduate students.  |
| April 26           | Last day of full-term classes. Final day for withdrawal from full-term classes for graduate students.  |
| April 27 - 28      | Study Weekend  |
| April 28 - May 3   | Final Examinations   |
| May 3              | Last day of Spring Semester. Official Spring 2024 graduation date.   |
| May 7              | Final Grades Due   |
| May 11             | Commencement   |

## Summer Semester 2024

| Date     | Event   |
|----------|---|
| May 13   | Summer sessions begin.  |
| May 5    | Deadline to submit Application for Graduation for Summer 2024 graduation. |
| May 27   | <b>Memorial Day Holiday,</b> University closed                            |
| June 19  | <b>Juneteenth Holiday,</b> University closed.                             |
| June 25  | 1st Session final grades due.   |
| July 4   | <b>Independence Day,</b> University closed.                               |
| August 2 | Official Summer 2024 graduation date.                                     |
| August 6 | 2nd Session final grades due.   |

The University reserves the right to change these dates as deemed necessary.

# Admission to the University

- Undergraduate Admission
- Graduate Admission

## Undergraduate Admission

<http://www.xavier.edu/admission>

Email address: Undergraduate Students [xuadmit@xavier.edu](mailto:xuadmit@xavier.edu)

Xavier University seeks to enroll students who are prepared to be successful academically and to contribute positively to the Xavier community as a whole. With this general guideline in mind, the admitting offices individually evaluate each applicant and the complete set of credentials submitted for consideration.

## Admission Process for Freshmen

Xavier has a rolling admission process. Students may submit applications beginning in late summer (before the senior year) for fall or spring semester admission. Decisions will be mailed beginning in October and will continue on a rolling basis within three to four weeks of receiving all required application materials. Decisions are typically made based upon grades earned through the junior year as well as other criteria including the essay, activities and community involvement, guidance counselor recommendation, and ACT or SAT scores (when submitted for review).

For deadlines and up to date admission information, please visit the Undergraduate Admission Office website at <http://www.xavier.edu/undergraduate-admission> or contact the office toll free at 877.982.3648.

## Application Procedures

Students who wish to apply for undergraduate admission must do the following (note specific sections below dedicated to adult, transfer, and international applicants):

1. Submit one of the following admission applications, including all required credentials and documentation:
  - a. The Xavier University electronic application (no fee) at <https://www.xavier.edu/apply/>.
  - b. The Common Application online (no fee) at [www.commonapp.org](http://www.commonapp.org).
2. Request that the high school (and any post-secondary institutions attended) forward directly to the Office of Admission a complete, official transcript of the academic record (in English).
3. Arrange for official results of the Scholastic Assessment Test (SAT: Xavier's CEEB Code is 1965) and/or the American College Test (ACT: Xavier's ACT Code is 003366) to be forwarded directly to the Office of Admission. Results from the SAT and/or ACT may also be submitted on an official high school transcript. Most applicants may elect to be reviewed for admission without standardized test scores. Reference additional details at [www.xavier.edu/test-optional](http://www.xavier.edu/test-optional).
4. Submit an essay of no fewer than 250 and no more than 500 words. The essay can be any sample of your original writing (e.g. a high school paper).
5. Request that your high school counselor complete the Xavier Counselor Recommendation form and/or submit a letter of recommendation on your behalf. A teacher recommendation may also be submitted.
6. Any additional supportive documents required by the student's major of interest. More information available at <http://www.xavier.edu/undergraduate-admission/admission-process/>.
7. Applicants must have earned a high school diploma or its equivalent at the time of enrollment and submit final, official transcripts affirming diploma and graduation date

## Once admitted, and deposited, students must:

1. Purchase the Xavier-sponsored student health insurance plan or provide proof of other current, comparable coverage. All full-time students, regardless of age, must follow this requirement each academic year.
2. Present proof of either two MMR immunizations or immunity via measles, mumps rubella titer. International students may be required to have a TB test as determined by recommendation of the Health Services staff physician and based on Center for Disease Control guidelines. Present proof of meningitis vaccination received on or after the sixteenth birthday.

Further information will be sent to admitted students. Credentials submitted for admission consideration become the property of the University. All credentials should be on file by the appropriate deadline or at least one month before the first day of classes for desired semester of entrance. Please contact the Office of Admission for deadline information.

Those offered admission to Xavier are held accountable for inappropriate behavior both on-campus and off-campus and there are consequences to unwise decisions and choices. Those consequences may include revocation of the offer of admission. Any falsification of information on the application, transcripts, recommendations (where required), or test scores will be sufficient cause for disqualification for admission and/or scholarships, or dismissal from the University if the individual has enrolled. All tuition and fees paid and credit earned are forfeited under such dismissal.

## Freshman Class Admission

Factors considered in making admission decisions for the freshman class include, but are not limited to, the following: the candidate's previous academic performance at the secondary school level, including the rigor of the curriculum pursued and the overall grade-point average achieved; results from either the ACT or SAT exams (when submitted for review); the candidate's rank in class (when available); the candidate's application essay; letters of recommendation, particularly from the candidate's guidance/college

counselor; the candidate's extracurricular profile; life or work experiences (adult students); and any other factors which help to determine the candidate's potential for academic success.

Students who are offered admission must graduate from high school or, in some cases, present minimum results from the G.E.D. Home-schooled and transfer students are also evaluated on an individual basis. Each candidate is given a thorough, individual evaluation. The following secondary school course of study is recommended:

|                           |          |
|---------------------------|----------|
| English                   | 4 units  |
| Foreign Language          | 2 units  |
| Health/Physical Education | 1 unit   |
| Mathematics               | 3 units  |
| Physical/Natural Sciences | 3 units  |
| Social Sciences           | 3 units  |
| Electives                 | 5+ units |
| <hr/>                     |          |
| TOTAL                     | 21 units |

## Transfer Student Admission

<https://www.xavier.edu/transfer-admission/index>

Xavier University welcomes students who have earned college credits after graduating from high school.

Transfer students must forward to the Office of Admission complete and official transcripts from all post-secondary institutions attended and a listing of all courses which may be in progress and their corresponding credit hours. Please note, however, students who transfer to Xavier with 12 or more credit hours are not required to submit results of the ACT or SAT tests. The high school transcript is required.

All unmarried traditional-aged freshman and sophomore students (including transfer students) not residing with their legal guardian, or whose home addresses are located beyond a 35 mile radius from Xavier, are expected to reside on campus. Requests for exceptions to this regulation must be submitted in writing to the Director of Residence Life.

For information on acceptance of transfer credit, see the section on "[Transfer Credit Policies](#)."

## Transfer Students Who Have Been Dismissed from Another Institution

If you have been dismissed from your home institution, Xavier University will honor the sanction that is part of your dismissal. The duration of your dismissal holds true at Xavier University. If you are eligible to return to your home institution in one term or one year, we will review your application for the equivalent term following the completion of your sanction.

## International Student Admission

<http://www.xavier.edu/international-admission/>

Email: [xuadmit@xavier.edu](mailto:xuadmit@xavier.edu)

To be considered for admission to Xavier University, international students must submit the following documents:

1. The Xavier Application for Admission at <https://www.xavier.edu/apply/> or the Common Application online at [www.commonapp.org](http://www.commonapp.org).
2. An English translation of a current secondary school (high school) degree or the diploma/certificate of the highest academic degree earned.
3. Evidence of English language proficiency demonstrated by
  - a. A TOEFL (Test of English as a Foreign Language) test score of 550 on the paper based test, or
  - b. 79 on the IBT for undergraduates, or
  - c. 6.5 on the IELTS test
  - d. PTE: 55
  - e. MELAB: 75
  - f. Step-Eiken: Grade Pre-1 (Japanese Students Only)

4. For transfers, an official transcript from each college or university attended is required. All transcripts must contain an official signature and institutional seal. Credit is granted from international schools that are recognized by the Ministry of Education in that country.

Once a student has been admitted, they must submit the following financial documentation to be issued a Form I-20.

1. An affidavit of payment of all expenses, educational and personal, signed by the person (sponsor) who will be responsible for the expenses. The affidavit must be signed in the presence of an official or notary public and must be a raised seal.
2. Official supporting statement from a bank stating that the sponsor is able to meet the required expenses should be signed and certified with a raised seal.
3. The photo page of the student's passport.



All documents must be received by the Office of Admission before a Form I-20 will be issued. International students who have been admitted to the University must meet the University's campus housing requirement.

Prior to the start of classes, students must submit an immunization record and medical history. International students may be required to have a TB test or other medical testing as determined by the Medical Director. International students must also present proof of health insurance equivalent to what is offered through Xavier University. All students will be required to present proof of health insurance or purchase health insurance through Xavier University each academic year. Students with F1 or J1 visa types cannot waive the Xavier health insurance.

## High School Equivalence (G.E.D.) Admission

The G.E.D. (General Educational Development) examination is recognized in certain individual cases as a replacement for the high school diploma. Applicants should have copies of their scores and of the certificate forwarded directly to the Office of Admission. Candidates for admission who have taken the G.E.D. must complete an application for admission.

## Home-Schooled Admission

Home-schooled students are recognized by the Office of Admission as eligible candidates for admission. Students who are home-schooled must submit an application for admission, a letter of recommendation from an outside source (not your home schooled educator), the appropriate documentation **from state and/or national home schooling accrediting agencies**, official transcripts, and scores of the ACT or SAT. More information is available at <https://www.xavier.edu/undergraduate-admission/admission-process/home-school-students>

A Home-schooled transcript must include:

1. Student's name and address
2. A full listing of courses and grades
3. Graduation date
4. Signature of parent/guardian/home-school educator

## Provisional Admission

Provisional admission may be granted by the Dean of Admission to a student who has been unable to complete arrangements for admission before registration dates. If the student fails to complete arrangements for formal admission within one month of the first day of class, the student's admission and registration will be canceled. Tuition paid will be refunded, but no fees can be refunded. Room and board charges will be prorated.

## Enrollment Options for Current High School Students

Xavier University offers academically talented high school students the opportunity to apply and enroll as non-degree students in undergraduate courses on a space available basis. The non-degree application can be found at <https://admissions.xavier.edu/apply/>

## Summer Junior Program

Offered to high school students who have completed their junior year and who have a grade point average of at least a "B." Accepted students may take one course from selected offerings during the regular summer sessions at a nominal tuition charge. See <https://www.xavier.edu/adult-and-professional/index> for more information.

## Admission Process for Adult Students

In general, an adult student is someone aged 24 years or older. Learn more and complete free on-line application at <https://www.xavier.edu/adult-and-professional/index> The following steps are required for admission:

1. Essay 250 - 500 word essay included with application submission.
2. Request High school transcripts and/or G.E.D. test scores to be sent to admission office..
3. An official transcript for each previously attended college or university.

An interview and/or letter of recommendation may be requested.

A credential submitted for admission consideration becomes the property of the University. All credentials should be on file by the appropriate deadline.

Any falsification of information on the application or transcripts will be sufficient cause for disqualification for admission or dismissal from the University if the individual has enrolled. All tuition and fees paid and credit earned are forfeited under such dismissal.

Factors considered in making admission decisions for non-traditional students and adult students include, but are not limited to, the following: the candidate's previous academic performance at the secondary school and/or college level, including the rigor of the curriculum pursued and the overall grade-point average achieved; results from either the ACT or SAT I exams if available; the candidate's rank in class (when available); life or work experiences; and any other factors which help to determine the candidate's potential for academic success.

## Non-Degree Student Admission

Students who do not wish to pursue a degree but wish to take undergraduate courses at Xavier may be admitted through the Admissions Office. The application for non-degree admission can be located at <https://www.xavier.edu/adult-and-professional/index>. There is no application fee, and transcripts do not have to be submitted. Non-degree students who wish to change to degree-seeking status at Xavier must follow the appropriate admission process.

## Transfer Credit Policies

Any student who has successfully completed college-level course work at another institution of higher education must arrange to have an official transcript sent directly from each college/university attended to Xavier's Office of Admission.

Credit will be accepted for all college-level academic courses (except co-op and life experience) in which a grade of "C" or better has been earned at institutions of higher education that are accredited by one of the accrediting associations listed below:

- Accrediting Commission for Community and Junior Colleges (ACCJC) Western Association of Schools and Colleges
- Higher Learning Commission (HLC)
- Middle States Commission on Higher Education (MSCHE)
- New England Commission of Higher Education (NECHE)
- Northwest Commission on Colleges and Universities (NWCCU)
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)
- WASC Senior College and University Commission (WSCUC)

Xavier's undergraduate colleges will accept course work successfully completed within the last ten years; credit over ten years old will not be accepted if the course in question belongs to the student's major, minor, or, in the case of business students, pertains to the "business core." Credits over ten years old which pertain to the undergraduate core curriculum or are general electives will usually be accepted.

The transfer credit, but not the grade, is recorded on the student's transcript. The grades are not computed in the student's Xavier grade-point average.

## Application of Credit to Xavier Degrees (Degree Residency Requirement)

At least one-half of the course requirements of the major or minor and the last 30 semester hours must be completed at Xavier University for all undergraduate degrees. At least 60 semester hours toward a bachelor's degree must be earned in accredited four-year institutions.

## Earning Credit for Military or Other Professional Training

Students who have completed training courses through the armed forces or other professional training programs may be eligible to receive college credit for courses completed. The *Guide to the Evaluation of Educational Experience in the Armed Services*, published by the American Council on Education, is used to determine what credit might be granted for military training. For courses completed through business and professional organizations, the *National Guide to Educational Credit for Training Programs*, published by the American Council on Education, is used to determine what credit can be granted. To request credit for military or other professional training, students must submit transcripts or certificates of completion to the Office of Admission.

## Earning Credit through Advanced Placement (AP) Examinations

Students who have successfully completed Advanced Placement courses and have taken the appropriate AP examinations may apply for college credit for this work. Xavier grants credit in a number of disciplines depending on the student's score on the appropriate AP examination. Ordinarily, a score of "4" or better in an Advanced Placement (AP) examination will earn the student an advanced placement with credit in that discipline. To see how AP exams equate to Xavier credit, see <https://www.xavier.edu/undergraduate-admission/ap-ib-and-clep-credit/index>. Students must arrange to have official test scores sent to Xavier's Office of Admission. Xavier's school code is 1965.

## Earning Credit through the College Level Examination Program (CLEP)

Xavier University participates on a limited basis in the College Level Examination Program (CLEP) of The College Board. Students should contact the Office of Admission. To see how CLEP exams equate to Xavier credit, please see <https://www.xavier.edu/undergraduate-admission/ap-ib-and-clep-credit/index>.

## Earning Credit through the International Baccalaureate (IB) Program

Students who have successfully completed International Baccalaureate (IB) courses and have taken the appropriate Higher Level examinations may apply for college credit for this work. Xavier grants credit in a number of disciplines on an individual basis for the grades of 5, 6 and 7 earned in the IB higher level examinations. To see how IB exams equate to Xavier credit, please see <https://www.xavier.edu/undergraduate-admission/ap-ib-and-clep-credit/index>. Students must arrange to have official test scores sent to Xavier University. Xavier's school code is 1965.

## Undergraduate Reactivation (Readmission)

An undergraduate student who previously attended Xavier and has not been registered for one year or previously withdrew from the university is required to complete a Reactivation Form before registering. The form is available on the Office of the Registrar website. Applicants who wish to receive credit for coursework taken at another university during their absence from Xavier must submit an official transcript to the Office of Credential Evaluation. See the section on "[Transfer Credit Policies](#)" for limitations on the acceptance of coursework. Students are reactivated under the current catalog year, unless an exception is made by the dean.

Students suspended from Xavier or from other institutions for poor academic performance will not be eligible for reactivation before the lapse of at least one fall or spring semester. In all cases, reactivation and the conditions for such will be determined by the dean of the appropriate college. All prior financial obligations must be settled with the Office of the Bursar prior to reactivation, and the student must be in good standing with the Division of Student Affairs..

## Veterans' Education

Xavier University is approved for the education and training of veterans and their eligible dependents under all existing public laws. Requests for information should be referred to the Director of Veterans' Educational Benefits (DVA), Xavier University. Xavier is a Servicemembers Opportunity College (SOC). The toll-free number for DVA and SOC information is 1.800.368.5622.

## Veterans Benefits and Transition Act of 2018

Pursuant to the Veterans Benefits and Transition Act of 2018, section 3679 of title 38, United States Code, effective August 1, 2019 Xavier University will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution, when the delay is due to the delayed disbursement funding from Department of Veterans Affairs (VA) under Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31). The University will not: Prevent their enrollment; Assess a late penalty fee to; Require they secure alternative or additional funding; Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

Covered Individuals MUST submit the following information to the University Certifying Official in a timely manner: Their Certificate of Eligibility OR Statement of Benefits (obtained from the eBenefits website), The GI Bill Enrollment Certification, and Any other information necessary to their GI Bill certification.

**NOTE:** A Covered Individual is any individual who is entitled to educational assistance under chapter 31, Vocational Rehabilitation and Employment, or chapter 33, Post-9/11 GI Bill benefits.

## Graduate Admission

Web site address is [www.xavier.edu/graduate-admission/](http://www.xavier.edu/graduate-admission/)

**Health Services Administration Graduate Program**

513 745-3687  
[xumhsa@xavier.edu](mailto:xumhsa@xavier.edu)

**Master of Business Administration Graduate Program**

513 745-4800  
[xumba@xavier.edu](mailto:xumba@xavier.edu)

**Master of Science in Nursing Program**

513 745-4392  
[ensleint@xavier.edu](mailto:ensleint@xavier.edu)

**Psychology Graduate Program**

513 745-1053  
[maynardm3@xavier.edu](mailto:maynardm3@xavier.edu)

**Office of The Graduate School** (all other graduate programs)

513 745-3360  
[xugrad@xavier.edu](mailto:xugrad@xavier.edu)

## Admission Status

Graduate students who have been admitted to Xavier University are designated as:

1. Degree students - those students officially accepted into a graduate degree program.
2. Non-degree students - those students who have not been officially accepted into a graduate degree program. No more than six semester hours earned while classified as a non-degree student may be transferred to a degree program. Please note: some graduate programs require the director's permission to enroll as a non-degree student. Not all programs permit non-degree studies. Check with the respective office for details.
3. Licensure/Endorsement seeking - those students officially accepted in a licensure/endorsement program.

# Admission-Degree Students

Materials for admission to most graduate programs should be submitted to the Office of The Graduate School. Master of Business Administration (MBA) applicants should submit all materials to the Operations Center, ML 5131. Master of Health Services Administration (MHSA) applicants should submit all materials to the MHSA Office. Admission materials for graduate programs in psychology (MA, & PsyD) should be submitted to the Department of Psychology. Admission materials for graduate programs in nursing (MSN) should be sent to the School of Nursing.

To be considered for admission, a student must do the following:

1. Submit a completed degree application form <http://www.xavier.edu/graduate-admission>.
2. Send one official transcript from all colleges or universities previously attended. The bachelor's degree must have been earned from a regionally accredited institution. In some instances, three year bachelor degrees are not acceptable for admission consideration.
3. Arrange for applicable official test scores to be sent:
  - a. Master of Health Services Administration applicants - Graduate Management Admission Test (GMAT) or Graduate Record Exam (GRE);
  - b. Master of Science in Nursing applicants - Graduate Record Exam (GRE) or Graduate Management Admission Test (GMAT) is accepted;
  - c. Occupational Therapy - Graduate Record Exam (GRE);
  - d. Doctor of Psychology and Master of Arts in General Experimental Psychology - Graduate Record Exam (GRE) general knowledge required and Psychology Subject Test recommended. Psychology Subject Test required for those without psychology as their major or minor;
  - e. Other Graduate Programs:  
The Miller Analogies Test (MAT) or the Graduate Record Exam (GRE) is accepted for the following programs: The MA programs in counseling and theology; the MEd programs; and the MS in criminal justice. In most cases, the test requirement is waived for students who currently hold a graduate degree.
4. A student for whom English is not the primary language may be asked to demonstrate proficiency in the English language by taking the Test of English as a Foreign Language (TOEFL) or similar English language proficiency exams.
5. Submit other required documents as specified for individual programs.

Credentials received become the property of the University. Notification of acceptance or denial is sent to each applicant as soon as possible after receipt of all required materials. Official acceptance for graduate study is valid for a one-year period from the date of acceptance. Failure to enroll within the one-year period invalidates the acceptance and the individual must be readmitted to the program. Contact the Office of The Graduate School to inquire about readmission.

# Admission-Non-degree Students

(does not include MBA)

To apply for admission as a non-degree student, one must submit a completed non-degree application form and current application fee to the Office of The Graduate School. Credentials received for admission become the property of the University. Non-degree admission is not available for the MBA program. Non-degree students are subject to the following restrictions:

1. Some courses are not available to non-degree students. Contact the Office of The Graduate School 513 745-3360 for information about specific courses. MHSA courses may not be taken without permission of the director of the Graduate Program in Health Services Administration. Psychology courses may not be taken without permission of the chair of the Psychology Department. Doctoral courses in leadership studies may not be taken without permission of the Chair of the Department of Educational Leadership & Human Resource Development. MBA courses may not be taken without permission of the Assistant Dean of the Graduate Business Program.
2. Although there is no limit to the number of courses that may be taken as a non-degree student, **no more than six hours taken in non-degree status may be applied toward a graduate degree.**
3. A non-degree student may apply to a degree program by completing the application process for degree status.
4. Non-degree students are subject to all University policies described in the catalog.

# Teacher Licensure/Endorsement Admissions

The Licensure/Endorsement admission is used for the following programs: Traditional Early Childhood, Middle Childhood, Secondary, Special Education, Montessori Early Childhood, Educational Administration, Reading and Teaching of English Speakers of Other Languages (TESOL). To be considered for admission in one of these licensure or endorsement programs, a student must do the following.

1. Submit a completed licensure/endorsement application form. Applications can be obtained through the Office of The Graduate School.
2. Send one official transcript from all colleges and universities previously attended. The bachelor's degree must have been earned from a regionally accredited institution.
3. Before you may be considered for the traditional Early Childhood Licensure Cohort, you must be admitted into the Master of Education program. Meet with an advisor to determine any prerequisite courses that might need to be taken before consideration is made for the early childhood cohort group that is selected during the spring semester each year.
4. To be considered for the licensure programs in early childhood education, secondary education, Montessori, middle childhood or special education, you must first meet with an advisor in that program.
5. A student for whom English is not the primary language may be asked to demonstrate proficiency in the English language by taking the Test of English as a Foreign Language (TOEFL).
6. A statement of moral character must be signed.
7. Some programs also require three letters of recommendation.

Credentials received become the property of the University. Notification of acceptance or denial is sent to each applicant as soon as possible after receipt of all required materials. Official acceptance for a licensure program is valid for a one-year period from the date of acceptance. Failure to enroll within the one-year period invalidates the acceptance and the individual must be readmitted to the program. Contact the Office of The Graduate School to inquire about readmission.

# Admission-International Students

To apply for admission, the student must submit the following items to the appropriate graduate admission office. Credentials received for admission become the property of the University.

1. An international student application form.
2. Evidence of proficiency in the English language. A Test of English as a Foreign Language (TOEFL) score of 550, or a computer based test score of 213, for graduate students is required. Internet based score should be 80 or higher with sub-scores of 20 or higher in each of the four subsections.
3. Official transcripts of the total college or university academic record (not just a diploma) from all schools attended (mark sheets should be provided where pertinent). Transcripts must have original signature and institution seal. Attested or "true" copies are not acceptable unless certified by an authorized official. An official evaluation of undergraduate transcripts by the World Education Service or equivalent agency placing the foreign education into the American system.
4. Recommendation letters are required by some programs.
5. Graduate Management Admissions Test (GMAT), Graduate Record Exam (GRE), or other necessary test scores as required by the program.
6. Certified English translation accompanying all documents not issued in English.
7. (a) All documents must be received by the appropriate admission office for an admission decision to be made and hence for an I-20 form to be issued. (b) a separate statement from an official source to show that the student or sponsor is able to meet the expenses.

All documents must be received by the appropriate admission office before a Form I-20 will be issued. International students who have been admitted to the University must meet the University's campus housing requirement (see Residence Life). Prior to the start of classes, students must submit immunization records and personal health history. International students must have health insurance equivalent to what is offered through Xavier University.

## Graduate Reactivation

A degree-seeking graduate student who previously attended Xavier and has not been registered for one full academic year must complete a Reactivation Form before attempting to register for classes again and continuing in the course of study. Applicants who want credit for coursework taken at another university during their absence from Xavier must submit an official transcript to their respective program director for credit review. See the entry [Transfer Students](#) below for time limitations on the acceptance of coursework. Students are reactivated under the current catalog year, unless an exception is made by the dean.

Students suspended from Xavier or from other institutions for poor scholarship will not be eligible for reactivation before the lapse of at least one fall or spring semester. In all cases, reactivation and the conditions for such will be determined by the dean of the appropriate college. All prior financial obligations must be settled with the Office of the Bursar prior to reactivation and the student must be in good standing with the Division of Student Affairs.

## Transfer Students

## Master's Degree

A maximum of six semester hours (or the equivalent) of graduate work completed at another accredited graduate school prior to initial admission to Xavier University may be transferred with the permission of the program director, the chair and the dean. In some cases, exceptions are made to the maximum number of transfer hours. Coursework that is part of a previously earned graduate degree is not accepted for transfer credit. Courses in which grades of "A" or "B" (3.000 or higher) are transferable. Credit earned through correspondence or television courses is not accepted. Decisions regarding transfer credit are made at the time of admission to degree seeking status.

A consortium of AACSB accredited Jesuit business schools has a reciprocity agreement stating that the majority of MBA credits taken by a student may be transferred into or from one consortium member to another, up to half of the core curriculum of any program, dependent upon the rules of each university or college. Contact the MBA Office or visit [www.JesuitMBA.org](http://www.JesuitMBA.org) for details.

## Doctor of Psychology

Students accepted into the doctoral program who already hold a master's degree in a field akin to clinical psychology, may expect a portion of the previous graduate work to be credited toward fulfillment of the doctoral degree requirements. The allowable number of transferable credit hours may vary. In all cases a minimum of 75 hours of the required 114 must be completed at Xavier University.

Petitions for transfer of credit will be granted with the recommendation of the Department Chair and approval of the Dean of the College of Professional Sciences. Courses taken more than six years prior to entering the doctoral program will normally not be accepted for transfer.

## Courses Taken at Other Institutions

Graduate credit for a degree completed at another university is not transferable toward a graduate degree at Xavier once the student has begun a graduate program at Xavier. Exceptions to this policy may be made when:

1. A student is permanently transferred to another city by family obligations.
2. A student is specifically directed by the program director, chair or dean to take a course not available at Xavier.
3. Up to six semester hours of graduate course work obtained in the Greater Cincinnati Consortium of Colleges and Universities may be applied to a master's degree taken at Xavier, with the advanced written permission of the program director or dean. As a matter of policy, the official academic record lists only those graduate courses from other universities which apply toward an advanced degree or pertain to certification.

## Undergraduate Enrollment in Graduate Courses

A currently enrolled Xavier University undergraduate student may begin graduate course work in certain areas of study, excluding the MBA, the M.S. in Human Resource Development, the Ed.D. in Leadership Studies and psychology (M.A. and Psy.D.) programs, as a non-degree graduate student if the student is within 12 hours of completing the undergraduate degree. The student must be in good academic standing and must obtain written approval from the appropriate dean and program director. The student must complete the non-degree graduate application for admission and return it to the appropriate admission office with the written permission attached.

All graduate courses taken will be for graduate credit only; the credit hours completed for graduate credit may not count toward the student's undergraduate degree. No more than 6 credit hours taken as a non-degree graduate student may apply toward a graduate degree. Some courses are not available to non-degree graduate students.

NOTE: Students enrolled in the "Accounting 150 Credit Hour Program" , the "Life Sciences/MBA Program" or other combination Bachelor/ Master programs approved by the university should consult their department for exceptions to these policies.

## Veterans' Education

Xavier University is approved for the education and training of veterans and their eligible dependents under all existing public laws. Requests for information should be referred to the Director of Veterans' Educational Benefits, Xavier University. Xavier is a Servicemembers Opportunity College (SOC). The toll free number for DVA and SOC information is 1-800-368-5622.

## Veterans Benefits and Transition Act of 2018

Pursuant to the Veterans Benefits and Transition Act of 2018, section 3679 of title 38, United States Code, effective August 1, 2019 Xavier University will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution, when the delay is due to the delayed disbursement funding from Department of Veterans Affairs (VA) under Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31). The University will not: Prevent their enrollment; Assess a late penalty fee to; Require they secure alternative or additional funding; Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

Covered Individuals MUST submit the following information to the University Certifying Official in a timely manner: Their Certificate of Eligibility OR Statement of Benefits (obtained from the eBenefits website), The GI Bill Enrollment Certification, and Any other information necessary to their GI Bill certification.

NOTE: A Covered Individual is any individual who is entitled to educational assistance under chapter 31, Vocational Rehabilitation and Employment, or chapter 33, Post-9/11 GI Bill benefits.

## Reservation of Rights

Xavier reserves the right to modify its graduation and other requirements as deemed necessary from time to time. The University will attempt to comply with the requirements published in the catalog for the year a student initially registers, provided the student continues in attendance without interruption of more than a year. Students who interrupt their attendance by more than a year and who later return must meet curricular requirements as determined by their dean.

## Financial Information

- Financial Aid
- Tuition and Fees

## Financial Aid

The purpose of the Office for Student Financial Services is to provide the best possible service and information to students desiring a Xavier education.

The office is located in Schott Hall, 1st floor. Office hours are Monday-Friday, 8:30 a.m.-5:00 p.m.; Walk-In Hours are Monday 9:30 am - 4:00 pm, Tuesday 10:30am - 4:00 pm, Wednesday 1:00 pm - 5:00 pm, Thursday 9:30 am - 4:00 pm, Friday 9:30 am -4:00 pm; phone is 513 745-3142. Email address is: [xufinaid@xavier.edu](mailto:xufinaid@xavier.edu).

## Satisfactory Academic Progress Policy

The *Higher Education Act of 1965*, as amended, requires Xavier University to develop and enforce standards of Satisfactory Academic Progress prior to awarding any federal financial aid funds to students. Satisfactory Academic Progress (SAP) was established to encourage students to successfully complete courses for which federal financial aid is received, and to progress satisfactorily toward degree completion. The standards apply to Federal financial aid programs, including Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Work Study, Federal Direct Subsidized and Unsubsidized Loans, Federal Direct Parent Loan for Undergraduate Students (PLUS), Graduate Plus Loans, and Federal Teach Grant. These financial aid standards of academic progress are separate from, and in addition to, academic standards required by the University for continued enrollment.

The criteria used to determine SAP are cumulative grade point average, cumulative completion rate (or pace), and maximum time frame for completion of educational objective. **At the end of the academic year, following the spring semester, the Office of Student Financial Services reviews the academic progress of all students who received any**

**type of Title IV federal student aid at any point during the academic year.** All periods of enrollment are reviewed, including semesters during which no financial aid was received.

### **Qualitative Requirement - Cumulative Grade Point Average (CGPA)**

- Undergraduates at the freshman level must achieve a minimum cumulative GPA of 1.750.
- Undergraduates at the sophomore level and above must achieve a minimum cumulative GPA of 2.000.
- Graduate students must maintain a minimum cumulative GPA of 2.800.

### **Quantitative Requirement - Completion Rate (Pace)**

Students must successfully complete a minimum of 67% (two-thirds) of cumulative credit hours attempted. Attempted hours are hours for which a charge was incurred, excluding audited hours. Transfer hours are included as both attempted and earned hours.

### **Maximum Time Frame for Completion of Educational Objective**

Students must complete their degree program within 150% of the published length of their degree program in credit hours. For example, if a major requires 120 credit hours to graduate, a student cannot receive financial aid beyond 180 credits attempted, including transfer hours, whether or not financial aid was received for those credits. The student becomes ineligible at the moment they can no longer mathematically complete their degree within the maximum time frame for their program.

### **Incomplete Grades**

- A grade of "IP" (In Progress) will indicate the student is continuing a long-term project related to the course and should only be used when such continuation is the expectation of the program. The grade of "IP" does not count toward the GPA.
- Grades of "I" (Incomplete) may be granted only rarely and only for serious reasons. The grade "I" does not count toward the GPA. If the Incomplete is not resolved by the last day of the subsequent semester, the student will fail the course and "I" will be permanently changed to an "F."
- Grades of 'W' for courses dropped after the add/drop period will count as hours attempted.

### **Pass/Fail**

Pass/Fail grades at Xavier are recorded as S for Pass and U for Fail. Grades of S/Pass do not impact the student's CGPA and therefore are not factored into the SAP calculation. Grades of U/Fail do impact the student's CGPA as a failing grade and are therefore factored into the SAP calculation.

Grades of S and U both impact the student's Completion Rate and Maximum Timeframe as hours attempted and hours earned (S) and unearned (U), and are therefore factored into the SAP calculation.

### **Repeated Coursework**

Repeated courses affect academic progress as follows:

- Cumulative Grade Point Average - Only the most recent grade counts in the student's CGPA.
- Cumulative Completion Rate - When a course is repeated it will be counted as attempted hours.
- Maximum Time Frame - A course that is repeated will be counted as attempted hours.

### **Grade Changes**

We are not required to recheck SAP or recalculate due to grade changes. Any changes to grades that occur during the academic year will be accounted for in the regularly scheduled SAP evaluation point that occurs after the grade has been changed.

Students on financial aid probation Academic Plans have their quantitative and qualitative progress checked at the end of each semester while on a Plan, and any grade changes for these students will be factored into the evaluation of their progress while on the Plan.

### **Remedial Coursework**

Remedial courses and English as a Second Language (ESL) courses are treated the same as other courses for satisfactory academic progress purposes. If a student enrolled in remedial course work does not maintain the minimum academic standards and requests an appeal, the appeals committee will consider the courses in which the student was enrolled.

### **Transfer Hours**

Transfer hours accepted toward the student's academic program count in the overall maximum time frame calculation and in the cumulative completion (pace) calculation. Transfer hours have no effect upon the cumulative grade point average.

### **Changes of Major/Degree Program**

Students who change majors or change programs are still held to the 150% maximum time frame rule. All credits attempted from the first major/program will count as attempted hours for the new major/program. The 150% maximum limit will be measured based on the number of credits required for the new major/program.

### **Second Bachelor's Degrees**

Students who enroll in a second bachelor's degree program (non-ABSN) are still held to the 150% maximum time frame rule. However, only the credit hours from the first degree which apply to the second degree will be counted as attempted hours.

Students in the Accelerated Bachelor's of Science in Nursing must have a prior bachelor's degree for admittance to the program. These students will be expected to complete their second bachelor's degree within 150% of the length of the Xavier ABSN program.

### **Timing of Reviews and Notification**

The standard academic year consists of two terms: fall and spring. Summer term is a header, so if a student is attending year-round, their academic year will be considered summer/fall/spring. All programs are offered in credit hours with terms.

All periods of enrollment for the academic year will be evaluated for SAP, including semesters during which no financial aid was received. Students who received any type of Title IV federal student aid at any point during the academic year will have their academic progress reviewed at the end of spring semester after all grades have been reported. Students not meeting one or more of the SAP components will be notified by email to their Xavier email account following the year-end review. The email will explain the SAP

regulation and alert the student that they are not meeting the requirements. The notification will also provide a link to the appeal form, instructions on how to appeal their SAP standing, and the appeal deadline.

Because Summer term is the start of a new financial aid year and begins immediately following the end of the previous aid year, prior to the annual SAP evaluation, students who enroll and receive federal aid for summer term, and then later are determined not to be meeting SAP, will no longer be eligible for their summer federal aid disbursements and will forfeit that aid unless they appeal their SAP standing and are approved.

New financial aid recipients (i.e., those students who had never previously applied for aid, or those returning after an absence from Xavier) will have their academic progress reviewed when the Office of Financial Aid receives the results of the Free Application for Federal Student Aid (FAFSA). Students not meeting SAP standards will be ineligible for federal student aid unless they appeal their SAP standing and are approved.

### **Financial Aid Suspension**

At the time of the review, students who are not meeting the minimum requirements for SAP will be placed on **financial aid suspension**. Students placed on **financial aid suspension** are ineligible for federal financial aid for subsequent enrollment periods. Students are notified of their aid suspension by email to their Xavier student account. During financial aid suspension students may be permitted to attend Xavier at their own expense to demonstrate academic progress. Financial aid suspension is separate from University suspension, and only pertains to the student's ability to receive federal financial aid funds.

### **Regaining Eligibility For Title IV Aid**

A student not meeting the standards of SAP may re-establish eligibility by meeting the SAP requirements on his/her own, or through the appeal process.

### **SAP Appeals**

Appeal is a process by which a student, who is not meeting the institution's SAP standards for the receipt of federal student aid, petitions the institution for reconsideration of the student's eligibility for Title IV program assistance. A student on financial aid suspension may appeal the loss of aid if extenuating circumstances prevented the student from making satisfactory progress.

When the student is notified of failure to meet SAP requirements, they are offered the opportunity to appeal and are provided with the link to the appeal form and the appeal deadline. The appeal must include the signed appeal form and a written statement describing the extenuating circumstances that prevented the student from meeting SAP, and what has changed that will allow the student to meet SAP at the next evaluation.

SAP appeals are reviewed by the SAP program coordinator, who then communicates the decision and corrective action to the student.

Appeal circumstances can include but are not limited to the death of a relative; physical injury or illness of the student; struggles with anxiety, depression, or substance abuse; family difficulties such as divorce or illness; interpersonal problems with family, friends, roommates, significant others; difficulty balancing school and work, athletics, or family responsibilities; or financial difficulties.

A student may be required to provide supporting documentation, such as a statement from a physician, hospital, or therapist if necessary.

SAP Appeals may be reviewed on a case-by-case basis after the deadline has passed, but appeals are generally not considered after the second week of the semester for which the student is appealing reinstatement, unless there is an extenuating circumstance. SAP appeals are not retroactive. An appeal received and a determination made for a future or current semester is good for that semester moving forward, and cannot be applied to a previous, completed semester for which no appeal is on file.

A student may appeal SAP more than once, but they must either present a new set of circumstances, or a new explanation of what steps they are taking to achieve the desired academic result. Exceptions may be made on a case-by-case basis for students with chronic, documented health conditions that may recur.

### **Approved Appeals**

Students who successfully appeal their SAP standing will be placed directly on an **Academic Plan** for the academic year for which they are appealing. The Academic Plan can be no more than 4 standard semesters in length and will inform the student which SAP metrics they are not meeting, and the corrective action required. Academic Plans are developed by the Financial Aid Office, and administered by Student Success Coaches (undergraduates), or the SAP program coordinator (graduate students). Approved students can continue to receive federal student aid while making progress on an Academic Plan. Students on Academic Plans will be evaluated by the SAP program coordinator at the end of each term for which a valid plan exists. Students must sign an Academic Plan contract and achieve specific academic benchmarks by the end of each semester on their Plan to continue receiving federal financial aid.

Students not meeting Maximum Timeframe will be expected to provide a Graduation Plan developed by their advisor indicating the remaining coursework necessary for graduation, which semesters the courses will be taken, and their expected graduation date. The student's SAP appeal may be approved pending receipt of the Graduation Plan, but no federal aid can disburse until the Graduation Plan is received by the Financial Aid Office. The Graduation Plan will then form the basis for the student's Academic Plan, and the student will need to follow it completely.

Students who do not meet the terms of their Academic Plan and fail to achieve stated term goals by the end-of-term evaluation points, will be considered in violation of their Academic

Plan and financial aid will be suspended for subsequent enrollment periods. A student may appeal their Academic Plan if new circumstances arose that impacted their ability to meet the Plan objectives.

### **Denied Appeals/Unsubmitted Appeals**

If an appeal is denied or not submitted, students not meeting the requirements of SAP may choose to attend Xavier while on financial aid suspension, at their own expense. If they achieve both the completion rate and CGPA requirements for SAP on their own prior to the official academic year-end review, they may appeal to have their eligibility for Title IV aid reinstated for any terms remaining in the academic year. Students who meet SAP requirements before the official evaluation point and appeal for eligibility reinstatement do not need to be placed on an Academic Plan.

## **Xavier Scholarships**

Scholarships are funds awarded to students based on academic, athletic, artistic or other talents. Scholarships do not have to be repaid. All students are automatically considered for scholarships when they apply for admission.



Xavier offers scholarships in the following areas:

- Academic
- Service
- Multicultural and First Generation
- Departmental
- Performing & Visual Arts
- Alumni
- Special
- ROTC

For detailed information regarding each type of scholarship, visit <https://www.xavier.edu/undergraduate-admission/tuition-and-aid/scholarships/index>

## Regulations Concerning Scholarships

All Xavier sponsored scholarships are applicable to tuition only (with the exception of the Fredin Memorial, Athletic, and ROTC scholarships). They may not be applied to the cost of room, board, fees, or summer school courses. Only full-time undergraduate students are eligible for scholarships. Full-time enrollment is defined as students enrolled 12 or more credit hours per semester.

Scholarships are listed in the acceptance letter from the Office of Admissions and on the award notification from the Office of Student Financial Services. They are forfeited if the recipient does not enroll.

It is understood that the scholarship will be divided evenly between the fall and spring semesters. Recipients who attend only one semester will receive one-half of their award.

Scholarships may be pro-rated in the final year if the recipient does not need to take a full course load to graduate. Students must contact their financial aid counselor in the Office of Student Financial Services to request pro-ration.

Utilization of scholarships during the summer term will be considered on an individual basis.

All scholarships are awarded at the discretion of the Financial Aid and Scholarship Committee of Xavier University. The committee reserves the right to adjust the scholarship if the holder receives financial aid from another source.

## Xavier Financial Aid

### Xavier Grants

Xavier University awards grants to students who demonstrate financial need. Students must complete the Free Application for Federal Student Aid (FAFSA). Students whose FAFSA is received at the federal processor by February 15 will receive priority consideration.

### Family Grants

Xavier University provides partial tuition grants when there are two or more siblings enrolled full-time as undergraduates at Xavier during the same semester. Contact the Office of Student Financial Services for additional information.

### Athletic Grants-in-Aid

These grants are available through the Office of Athletics. Contact the Office of Athletics for information and assistance 513 745-3413.

## Grants - Adult, Evening, and Weekend Students

Students in the Accelerated Degree Completion Program will be awarded the Xavier ADC grant upon admission for the first semester based on enrolled credit hours. This grant is awarded annually and will be adjusted if the credit hours of the enrolled student change. This award may be renewed each year based on funds available, student academic status and financial need. Students must be in good academic standing by achieving a 2.0 or better cumulative GPA each semester to be eligible for renewal.

## Tuition Payment Plans

A payment plan is available through the Office of the Bursar. For further information, contact the Office of the Bursar at (513) 745-3435 or visit [www.xavier.edu/payment-plans](http://www.xavier.edu/payment-plans).

## Federal Grants

Students must complete the Free Application for Federal Student Aid (FAFSA) each year. In addition, students must meet the following requirements to apply for federal financial aid:

1. Be a U.S. citizen or an eligible non-citizen.
2. Maintain satisfactory academic progress.
3. Be enrolled as a student in a degree program.
4. Not be in default on any federal loan or owe a refund on a federal grant.
5. Have demonstrated financial need.

#### **Federal Pell Grant**

The Pell Grant Program provides grants to students with exceptional financial need. In order to be eligible for the Pell Grant the student must file the FAFSA. The amount of the Pell grant varies based on the level of financial need and the number of credit hours in which the student enrolls.

#### **Federal Supplemental Educational Opportunity Grant (SEOG)**

The Supplemental Educational Opportunity Grant is also for students with exceptional financial need (with priority given to Pell Grant recipients). The amount of the award varies and is limited by federal funding.

#### **Federal Work-Study Program (FWS)**

The Federal Work-Study Program provides students who have financial need the opportunity to earn income from jobs. Earnings for this program are funded by both the federal government and the university. The student's total FWS award depends on the student's financial need, the amount of money the university has for the program and the aid the student has from other programs. Students who accept employment are paid bi-weekly by direct deposit or can have the earnings applied to their Bursar account.

#### **Federal Direct Loan (subsidized)**

A subsidized Direct Loan is a low-interest loan made to college students by the federal government. The student pays an origination fee and the federal government pays the interest while the student is enrolled in college as at least a half-time student. The student is responsible for interest upon graduation; principal repayment starts six months after the borrower ceases to be at least half-time.

#### **Federal Direct Loan (unsubsidized)**

An unsubsidized Direct Loan is similar to the subsidized Direct loan, except the student is responsible for interest that accumulates while enrolled. Eligibility is not based on financial need. Principal repayment starts six months after the borrower ceases to be at least half time.

#### **Federal Direct Parent Loan for Undergraduate Students (PLUS)**

Parents may borrow up to the total cost of attendance (tuition, room, board, books, etc.), minus financial aid, for each of their dependents attending college. There is no limit on family earnings. The interest rate is fixed. Interest begins accruing when funds disburse. Standard repayment is for parents to start making interest repayments approximately 60 days after the final disbursement; deferment is an option that may be selected. The loan must be completely repaid within 10 years from the most recent loan.

## **State Scholarships and Grants**

#### **Ohio College Opportunity Grant (OCOG)**

The Ohio College Opportunity Grant program provides grant money to Ohio residents who are pursuing an associate degree or a first bachelor's degree and who demonstrate the highest levels of financial need as determined by the results of the Free Application for Federal Student Aid (FAFSA). Students must file the FAFSA by October 1 of the current academic year to receive consideration for the grant in that year.

#### **Other State Grants**

Students who qualify for state grants from their home states of Pennsylvania, Maryland, or Vermont may use those funds at Xavier. For information on grant programs available to residents of these states, contact the Board of Education in each state.

## **How Withdrawing from School Affects Financial Aid**

#### **Federal Aid**

When a student completely withdraws (both officially and unofficially) from Xavier before completing the term, federal regulations require that the University determine whether any of the student's federal aid, other than Federal Work-Study, must be returned. Federal aid includes the Federal Direct Subsidized and Unsubsidized Loans, Federal Pell Grant, Iraq and Afghanistan Service Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal TEACH Grant, and the Federal Direct PLUS Loan. A student "earns" federal aid based upon the length of time he or she remained enrolled for the semester. The amount of federal aid earned is in direct proportion to the percentage of time

the student completed. The percentage of time completed is calculated by dividing the number of days in the semester by the number of days completed. If a student completed more than 60% of the semester, all federal aid is considered earned.

To determine the number of days completed, Xavier identifies the date the student withdrew from the University. The date of withdrawal for students who officially withdraw is the date that the student begins the withdrawal process. To begin the withdrawal process, the student must notify the appropriate college dean in person or in writing. A student who "unofficially" withdraws (stops attending all classes without notifying the University) is considered withdrawn as of the last date of attendance reported by the student's instructors.

In cases where federal aid must be returned, the University and the student share the responsibility. Xavier will notify the student in writing of his or her responsibility to return federal aid. Any grant overpayment that the student is required to return to the federal government must be repaid within 45 days after the student receives notification from the University. Students who owe an overpayment of Title IV funds are ineligible for further disbursements from federal financial aid programs at any institution until the overpayment is paid in full or payment arrangements are made with the U.S. Department of Education. Federal loan funds are repaid under the terms of the student's promissory note.

Unearned federal financial aid is returned in the following order:

1. Unsubsidized Direct Loan
2. Subsidized Direct Loan
3. Federal PLUS Loan
4. Federal Pell Grant
5. Iraq and Afghanistan Service Grant
6. Federal Supplemental Opportunity Grant
7. Federal TEACH Grant

In some cases, the return of federal aid may cause a balance due on the student's account. The student must contact Xavier University's Bursar's Office to arrange for payment of the amount due.

### **Xavier University Aid and State Aid**

Students who withdraw prior to the end of Xavier University's published refund schedule, may receive a reduction in charges. If a reduction of charges occurs, the student's Xavier University funds and state funds may also be reduced. Xavier and state aid are reduced by the percentage at which the student's charges were reduced.

In some cases, the reduction of Xavier University funds and state funds may cause a balance due on the student's account. The student must contact Xavier University's Office of the Bursar to arrange payment of the amount due.

## **Graduate Study Grants and Assistantships**

Xavier University offers a limited number of departmental scholarships, graduate study grants and graduate assistantships.

Graduate students who will be enrolled in at least 5 credit hours in a term may apply for graduate study grants, available for most students pursuing MA, MEd, MS, HRDE, MBA, and licensure programs. To apply, students must complete the Free Application for Federal Student Aid (FAFSA); no additional application is required.

Graduate assistantship positions, offering tuition remission and an hourly wage, are available in many departments. Individual graduate assistantships may become available throughout the year, but the main posting date for the following academic year is March 1st of each year. Contact the Office of Graduate Services for specific information and applications.

Graduate students who are pursuing MBA, MHSA, and Psychology degrees should contact their respective admission offices for information on graduate assistantships and scholarships within those departments or programs.

## **Tuition and Fees**

The University reviews its financial policies and procedures on a continuing basis in order to operate in an efficient and effective manner. Policies contained in this section are those in effect as of publication and subject to change as deemed necessary by the University.

## **Fee Payment**

The Office of the Bursar is responsible for the assessment and collection of tuition and fees payable to Xavier University. Inquiries should be directed to the Office of the Bursar, 3800 Victory Parkway, Cincinnati OH 45207-3361. You may contact the Bursar's Office staff at (513) 745-3435, by email at [xubursar@xavier.edu](mailto:xubursar@xavier.edu) or by visiting the office located in the Musketeer Mezzanine, Fenwick Place, Suite 8. More information about the Office of the Bursar can be obtained by visiting our website at [www.xavier.edu/bursar](http://www.xavier.edu/bursar).

All prior financial obligations to the University must be paid in full before registration will be permitted for any term. If payment or other arrangement is not made by the announced deadline for the upcoming term, the student's registration may be cancelled. University regulations prohibit class registration and the release of transcripts and diplomas for students whose accounts with the University are delinquent. The Office of the Bursar accepts cash, checks, money orders, and X-Cash over the counter as well as checks and money orders by U.S. Mail. Credit card (Discover Card, MasterCard, Visa, and American Express), electronic check (eChecks) payments, and select 529 Plans are accepted online. Payments from 529 Plans can also be made by notifying the Plan to issue a payment to Xavier University. Credit card payments have a convenience fee associated with each transaction. Students' bursar accounts are subject to late fees. More information can be obtained by visiting [www.xavier.edu/bursar](http://www.xavier.edu/bursar).

# Payment Plan, Bill Dates and Due Dates

In an effort to be environmentally and cost conscious, Xavier University does not mail paper bills. Electronic bills (eBills) are published on or about the 1st of each month. The due date for each eBill is the 21st of that month. For example, the first eBill for the fall semester is published on or about July 1st and the due date is July 21st. The next eBill is published on August 1st with a due date of August 21st and so on. For the spring semester, the first eBill is published on or about January 1st with a due date of January 21st. For the summer semester, the first eBill is published on or about May 1st with a due date of May 21st.

Students who intend to pay their balance in full each month do not need to enroll in a payment plan, however, they must pay in full on or before the due date. If payment in full is not made on or before the due date, a late fee may be assessed. It is important for students and/or Authorized Users to view their eBills on a monthly basis in the event additional charges have been assessed that need to be paid by the 21st of the month. For more information on late fees, visit the Frequently Asked Questions section at [www.xavier.edu/bursar](http://www.xavier.edu/bursar).

Students who intend to pay their balance over time, in monthly installments, must enroll in an X-Flex Payment Plan (X-Flex) each semester. This is done by the student through their online access via the Student Hub or by an Authorized User using their own online access to their student's ePayment site. By enrolling in an X-Flex plan, the student agrees to the Terms and Conditions associated with being a registered student at Xavier University.

Here are the features of the X-Flex Payment Plan:

Students can spread their Total Balance for the fall and spring semesters over 4, 5, or 6 monthly installments for each semester (2 monthly installments for summer semester) or pay their Total Balance in full each month. Students' bursar accounts are subject to late fees if payments are not made on or before the due date. Visit [www.xavier.edu/payment-plans](http://www.xavier.edu/payment-plans) for more information.

**The minimum amount that must be paid each month is the amount shown on the student's X-Flex Payment Plan schedule.** Review the Frequently Asked Questions on the Bursar's web site, <http://www.xavier.edu/bursar/Xavier-Pay-Frequently-Asked-Questions.cfm> for information on where to view your payment schedule.

Late fees are assessed on the 28th of each month or the prior business day. If the 1st falls on a weekend or holiday, the eBill will be published on the following business day.

An enrollment fee is due and payable when a student enrolls in an X-Flex Payment Plan. The X-Flex Payment Plan is term-based which means that the student has to enroll each semester and pay the enrollment fee each semester they are in an X-Flex Payment Plan. For more information on the enrollment fee, late fees, and payment plan, visit <http://www.xavier.edu/payment-plans/>. All charges and payments that took place as of the last eBill are shown on the next monthly eBill.

The X-Flex Payment Plan is available to most students. ABSN students are not eligible. If the student has financial aid and has completed all of the necessary paperwork, this payment plan will subtract the financial aid from the Total Balance and then calculate the minimum monthly installment payment.

Xavier has partnered with Dewar, LLC in offering students and families insurance coverage or a Tuition Refund Plan (TRP) for tuition and mandatory fees. This should not be confused with the mandatory health insurance charge that appears on the student's bursar account each fall semester. The TRP insurance is automatically charged to the student's bursar account and will cover up to 85% of the tuition and mandatory fees for any student who might suffer a serious illness or accident and has the need to take a medical leave before the semester is completed. Room and Board are not covered. Xavier is offering this product through Dewar, LLC to minimize the risk of financial loss in the case of withdrawal for medical or mental health reasons. If a student does NOT want to have the insurance, the student will have to pro-actively waive the insurance online at [www.tuitionprotection.com/xavier](http://www.tuitionprotection.com/xavier).

For students who work for an employer that provides tuition reimbursement, it is recommended that the student pay for their first semester on their own by enrolling in the X-Flex Payment Plan, taking out a federal loan(s) (must complete the FAFSA), applying for scholarships/grants, etc. then get reimbursed at the end of the semester by their employer. They can then use that reimbursement to help pay for the next semester and this will repeat until their final semester when they will receive one last reimbursement that can be used to pay off/reduce their first semester debt, if any was incurred. This process helps to safeguard against changes that may take place with employee benefits or employment status.

## Registration

Students who register during priority registration for the fall and spring semesters will receive an eBill detailing charges for tuition, fees, housing and meal plan (if applicable), in addition to estimated financial aid arranged through the University's Office of Student Financial Assistance as of that date. Payment must be made by the due date, or the student's class registration may be cancelled and the student would have to re-register during formal registration. If a student's class registration is cancelled for non-payment, there is no guarantee that the student will be able to obtain the same class schedule once they are able to re-register. Visit <https://www.xavier.edu/bursar/xavierpay/holds-cancellations> for more information on Class Cancellation.

All students who register after the first billing cycle of the semester are required to pay 100% of tuition and fees within 48 hours of registering for classes. The only exception would be students using the approved payment plan who would then fall under the Terms and Conditions of their Plan.

## Tuition and Fees

The tuition rates assessed to a student are based on the student's primary matriculation as a graduate or undergraduate student as determined by the academic policies of the University. Please visit our website at <https://www.xavier.edu/tuition-fees/index> to see the current rates.

## Undergraduate Programs

Each academic year the University publishes the Schedule of Tuition and Fees which lists the charges for tuition, housing, meal plans and other fees in effect for the next academic year. Specific course fees, lab fees and deposits are listed in the current Schedule of Classes, but not on the tuition and fees website. Please visit our website at <https://www.xavier.edu/tuition-fees/index> to see the current rates.

Deposits are required for:

- New full-time students - This deposit is a nonrefundable tuition deposit. This deposit is credited to the student's bursar account when a) the term starts and b) the student is registered for classes, and it will be deducted from the charges for that term.
- Certain study abroad and graduate programs - Students should check with their respective department to determine if a deposit is required. Deposits are made to the student's bursar account but may not be posted until certain dates or requirements have been met.

## Graduate Programs

Current tuition and fee rates, special course/lab fees, and other relevant information are on the Bursar's website <https://www.xavier.edu/tuition-fees/index>. All courses taken as a graduate student will be at the graduate rate (based on the student's primary matriculation), including audited and undergraduate courses. Applicable course fees are charged in all cases.

## Refunds

### Xavier University Institutional Policy

Students who officially withdraw from the University or withdraw from class(es) may be eligible for a credit of tuition dollars based upon the amount of tuition assessed and the date of official withdrawal. Fees of any kind, including lab and course fees, are not refundable after the Course Drop period. Students must officially withdraw through the Office of the Registrar or via Self-Service on the Student Hub to be eligible for any credit of tuition dollars. Upon withdrawal from a class(es) or from the University, all financial aid must be recalculated and adjusted, if applicable. Tuition credits for summer sessions are prorated based on the official withdrawal date and the portion of the session elapsed. Since students are billed by the credit hour, a tuition credit for several courses may not result in a refund since an undergraduate student could still be liable for more than 12 credit hours, even if he or she were to withdraw within the tuition credit window. More information about tuition credit can be found on our website at <https://www.xavier.edu/tuition-fees/policies/index>

If the adjustment(s) results in a credit balance on the student's bursar account, a refund would be issued. Refunds are processed once a week for students who meet certain criteria and are eligible to receive one. For students who cannot wait for the weekly refund process, an expedited refund may be ordered by contacting the Bursar's Office. There is a fee associated with an expedited refund. If the adjustment(s) results in a balance due on the student's bursar account, that balance needs to be paid in full upon withdrawal from the University. To receive a refund, follow the directions on the Bursar's website at <https://www.xavier.edu/bursar/about-refunds/>. If a refund preference is not selected, a paper check will eventually be mailed to the student's address on file. Refund checks are not available for pick up. If a paper check goes stale and is returned to the University a \$20 fee is charged to the student's Bursar account. After two returned refund checks, another check will not be issued and the student will need to contact the Bursar's Office to receive their refund.

Refunds for students leaving on-campus housing are pro-rated on a daily basis. Additionally a cancellation fee, as described in the housing agreement signed by each student, will also be assessed. Meal plan refunds are based on the tuition credit schedule with one exception. Meal plan refunds issued the first through seventh calendar day of the term will be based on actual usage.

Undergraduate students who reduce their course load from full-time (12 credit hours or more) to part-time (11 credit hours or less) may receive a tuition dollar credit based on the number of hours dropped and the Credit/Refund schedule percentage. This reduction may also affect the student's financial aid. It is important that a student understand the implications of dropping down to part-time before withdrawing/dropping courses.

## On-Campus Living Requirement

All students must live on campus for their first and second year at Xavier unless living with a parent or legal guardian within a 35 mile radius of the University. Students will be required to sign a two-year housing agreement upon moving onto campus. All students who live in a University residence hall are required to select one of the residential meal plan options offered by the Auxiliary Services.

## Federal Refund Policy

Students with federal financial aid must comply with federal refund policies. Contact the Office of Student Financial Assistance for further information. All students are encouraged to make their Title IV Selection via the Self-Service portal under Billing & Payments/Bursar Information -> Title IV Selections.

## Collection Policy

If a student's bursar account balance is delinquent to the point of being sent to a collection agency, the student will be responsible for continuing late fees as well as all collection fees incurred by the University. Once the account is paid in full through the collection agency, and if the student wants to return to the University, the student is required to sign a master promissory note before registering for class(es). In addition, the Office of the Bursar reserves the right to place a hold(s) on a student's bursar account. Holds are typically used for students who have unresolved financial issues with the University. The hold(s) may block the student from registering for classes, receiving transcripts, and/or receiving a diploma. Once the outstanding issue(s) is resolved, the hold(s) may be released.

## Fees

See the published Schedule of Tuition and Fees that is available online each year on the Office of the Bursar's website at <https://www.xavier.edu/tuition-fees/2020-2021-undergraduate>. The following is a description of some of the most common fees charged by the University.

*Application Fee* - payable once and covers the costs of processing applications for enrollment and the setting up of student records.

*WCB Cooperative Education Fee* - payable for each co-op term in which a student participates; covers job assistance fee, application processing, and record-keeping.

*Graduation Fee* - covers the cost of administering the graduation process and is payable by all students who graduate, whether in person or in absentia. Late application results in an additional fee being charged. In the event that a student is deferred from graduating for any reason, it is the responsibility of the student to reapply for a degree. There is no additional fee when applying for the same degree.

*Late Fee* - assessed to a student's bursar account if payments are not made within the grace period. The grace period extends from the Due Date to two business days prior to the next eBill publication.

*Parking Permit Fee* - allows parking in University student parking lots. Permits valid only on evenings and weekends are available at a reduced rate.

*Special Course/Lab Fees* - covers extraordinary course costs or private music lessons. See the Schedule of Classes for course/lab fees.

*Student Orientation Fee* - covers the costs for the Manresa orientation program for freshmen and traditional undergraduate transfer students.

*Transcript Fee* - covers the costs of processing the transcript. There is an additional fee for rush processing.

*Graduate Student Association Fee* - used to fund all organizations under the Graduate Student Association (GSA).

*Student Activity Fee* - used to fund all organizations under the Student Government Association (SGA).

## Services and Resources for Students

True to its Jesuit and Catholic identity, Xavier's mission is to promote the growth and development of the whole student in a social, cultural, spiritual, physical, and academic context. Toward this end, the University offers a wide range of services and resources for students.

## Academic and Career Resources

### Career Development

<http://www.xavier.edu/career/>

513.745.3141

Conaton Learning Commons, Room 530 & Smith Hall, Room 120A

Career Development provides opportunities for students to gain essential career development and lifelong learning skills through a variety of developmental programs, services, and practical experiences. Staff members assist students in identifying career interests and developing necessary experiential, job and graduate school search and application skills such as resume writing, interviewing, employer/school identification and research. The office also manages the on-campus employment of financial aid awarded students and graduate assistants as well as assist students with identifying off campus part-time summer work experiences related to their career interest area. Further services include a Mentor program, on-campus interviews, a web-based job posting and resume system, and three annual career fairs.

The structure and institutional design of the Xavier University Montessori Teacher Education Program, contained within a university setting, is a unique one, as students are made aware of the variety of available career related resources through channels within the University. Students have access to multiple sources of information regarding employment, salary, and occupational advancement via the Career Development Office and website. Owing to its status as a not for profit university, Xavier University does not guarantee employment, salary, and occupational advancement.

### Center for International Education (CIE)

#### Education Abroad

<http://www.xavier.edu/study-abroad/>

[studyabroad@xavier.edu](mailto:studyabroad@xavier.edu)

Phone 513-745-2864 Fax 513-745-2876

Center for International Education, Gallagher Student Center, Room 230

The Center for International Education provides opportunities for Xavier students to enhance their academic experience by studying abroad. Programs offered vary in length from one week to a semester or full academic year. Courses are available in a variety of academic disciplines, meaning students are easily able to study abroad and stay on track toward graduation. Some programs allow students to apply institutional scholarships toward the travel, and other programs offer additional funding. Students are advised to consult with the Center for International Education early in order to plan ahead and explore all the options.

Programs are offered in a multitude of locations around the world. Students can choose direct exchange programs, short-term faculty-led programs offered during winter, spring, and summer breaks, service or internship programs, or programs through Xavier's extensive partner network. Again, it is best to meet with an advisor in the Center for International Education as soon as possible to help find the best program fit and experience abroad.

Study Abroad Credit: Any student who is interested in registering for study abroad must complete an application first within [Xaver's application system](#), which can be accessed through the website. Additionally, the student must complete the Study Abroad Approval form prior to their study abroad experience. Upon completion of the course(s), the

student must have an official transcripts of the credits sent directly from the institution to Xavier University. The credit received is dependent on the type of study abroad the student completes.

- **Xavier Faculty-led Programs, Solidary Semester:** The student receives the letter grade for the course and the grade is computed into the student's Xavier grade point average.
- **Xavier affiliated Study Abroad, Direct Exchanges, Non-Xavier affiliated programs:** The student receives transfer credit for courses in which a grade of C or better (or its equivalent) is earned. The transfer credit, but not the grade, is recorded on the student's transcript and the grades are not computed in the student's Xavier grade point average.

### **International Student & Scholar Services (ISSS)**

<http://www.xavier.edu/international-students/>

[international@xavier.edu](mailto:international@xavier.edu)

Phone 513-745-2864 Fax 513-745-2876

Center for International Education, Gallagher Student Center, Room 230

International Student and Scholar Services (ISSS) is a unit within the Center for International Education (CIE) that directly serves international students, scholars, and their families. ISSS staff provides support and advising to international students and scholars to help maintain visa statuses and legal compliance. Additionally, ISSS offer orientation, mentoring, leadership opportunities, and additional support to assist students and scholars in their personal development and academic goals. The Center for International Education serves as the focal point on campus to deal with the unique needs, questions and concerns to those who come to Xavier University from abroad. The CIE staff works collaboratively with campus faculty/staff, student organizations, and community members to enrich the campus community with intercultural programs throughout the year.

### **The Connection Center**

<http://www.xavier.edu/ts/about/Connection-Center.cfm>

513.745.3881

Conaton Learning Commons

The Connection Center in the Conaton Learning Commons is an integrated collection of informational and technological resources that support the University's teaching and learning activities, including the Digital Media Lab (where students can check out digital cameras, video cameras, and audio recorders), the Technology Training room, a student computing lab, instructional design studios and private and public group study spaces. The Connection Center desk is the hub of the Center, blending the Library's research help and circulation with the technical help desk to provide informational and technological support for the Xavier community. The Connection Center is located in the main lobby of the Conaton Learning Commons.

### **Library**

<http://www.xavier.edu/library/>

513.745.3881

[askus@xavier.edu](mailto:askus@xavier.edu)

The Xavier University Library is committed to providing ample and equitable resources and services for all members of the Xavier community, to promote research and pedagogy.

Professional librarians are available to teach information literacy concepts to students, provide in-depth reference and research assistance, help faculty develop course materials and assessments, orient students to the Library, help find resources available from the Library, help find information related to classroom assignments, and more. Librarians can be reached by phone, email, text, chat, or in person at the Connection Center.

The Library provides access to electronic and print resources through its web site: [www.xavier.edu/library](http://www.xavier.edu/library). More than 80,000 electronic journals, 120,000 electronic books, 350 subscription research databases, and 7,000 streaming videos and 60,000 streaming video segments are accessible online. The Library's print collections consist of more than 350,000 items, including books, print journals, and audiovisual materials.

Beyond Xavier's own library collections, additional library resources are accessible through the OhioLINK Library Catalog - nearly 50 million items from 88 colleges, universities, affiliated hospitals and public libraries throughout the state are available to the Xavier community through this resource. OhioLINK items may be requested online and will be delivered in about 3 days through a state-wide courier system at no cost to students or faculty. Journal articles from collections at other libraries may also be requested online and will be delivered in digital format through the Library's document delivery services at no cost to students or faculty. The web site also provides detailed subject guides to Library resources, as well as web-based education and tutorials relating to copyright, technology, research skills, and more.

The Library has areas for group and individual studying as well as carrels and lounge seating. The Library provides dozens of computer workstations (laptops can be checked out at the Connection Center as well), plus facilities for viewing and listening to audiovisual materials, and facilities for printing, scanning and copying. Two rooms are available for Library instruction with an instructor's podium and computer projection: one is equipped with 24-computer workstations and the other provides seating for 36 with room for laptops. Wireless access is provided throughout the building.

The Library is located on the Academic Mall, and opens onto the Conaton Learning Commons and the Connection Center, complementing the services offered there.

### **Mathematics Tutoring Lab**

<http://www.xavier.edu/mathematics/About-the-Department.cfm>

513.745.3069

#### Conaton Learning Commons

The Mathematics Tutoring Lab provides mathematics assistance in both major and non-major courses through MATH 171 (Calculus II). No appointment is necessary, and the services are free to Xavier students. Visit the website for operating hours.

#### Office of Academic Support

<http://www.xavier.edu/academic-support/>

513.745.2866

5th Floor, Conaton Learning Commons

The Office of Academic Support provides support services to facilitate learning. We offer academic support programs, which include subject specific tutoring and study skills assistance by appointment, as well as study groups, and Supplemental Instruction (SI) for undergraduate students. The peer facilitated services are free to Xavier students. Additionally, the Office of Academic Support manages the Goa program (courses CORE 101, CORE 102, and CORE 103):-

#### Office of Disability Services

<http://www.xavier.edu/disability-services>

513.745.3280

Conaton Learning Commons Room 514

Disability services provides accommodations to approximately 200 students with disabilities each semester, including but not limited to students with mental health/psychological diagnoses, learning disabilities, attention deficit disorders, low vision/blindness, hard of hearing/deafness and medical conditions to name a few. Examples of accommodations may include extended time on exams/quizzes, alternative testing site with reduced distractions, books in an alternate format, note taking assistance, assistive technology, housing accommodations, and numerous additional accommodations designed to provide access to the learning environment. To receive academic accommodations to ensure equal access to your educational opportunities, please contact Disability services to begin the process or to address any questions you may have regarding accommodations. Please note that IEP's, 504 Plans and Service Plans do not automatically transfer from high school to college. You must contact Disability Services to reestablish academic accommodations as a college student.

#### Registrar

<http://www.xavier.edu/registrar/>

513.745.3941 phone 513.745.2969 fax

Musketeer Mezzanine in Fenwick Place

The Office of the Registrar provides services to support the instructional mission of the University for students, faculty, staff, and alumni in the following areas: class registration, academic records maintenance, schedule of classes, degree audit, academic transcripts, consortium, grade processing, degree certification, diploma production, commencement, transfer credit evaluation, enrollment verification, and catalog.

#### Student Success Center

<http://www.xavier.edu/student-success>

513.745.3141 phone

Conaton Learning Commons (CLC), 5th floor

[success@xavier.edu](mailto:success@xavier.edu)

The Student Success Center (SSC) supports students holistically by facilitating student intervention efforts and working with various campus resources to foster student persistence and success. Success Coaches support first and second year students by helping students navigate the Xavier experience.

Our proactive approach to success coaching provides holistic support and builds meaningful relationships between students and university faculty and staff. The SSC utilizes EAB Navigate to schedule appointments, receive faculty feedback through progress reports, manage cases, and communicate with campus partners. We develop monthly family newsletters and regular communication to our students. Success Coaches are available to meet with students as needed.

#### TRiO-Student Support Services

<http://www.xavier.edu/sss/>

513.745.3758

5th Floor, Conaton Learning Commons

TRiO, Student Support Services (SSS) is an educational program funded by the United States Department of Education, whose goal is to graduate eligible students and prepare them for a post-baccalaureate education or career. The staff, three full-time professionals and a secretary, is committed to providing an academic, professional, financial and



personal support system that guides student participants to benefit from educational opportunities and achieve a greater quality of life. To qualify for the program the student must meet the following guidelines: U.S. citizen or permanent resident, be a first generation college student (neither parent nor guardian has a bachelor's degree) and/or, meet federal income guidelines as outlined by the U.S. Department of Education and/or, have a verifiable disability. The TRiO, SSS program collaborates with several offices on campus that provide academic support and tutoring. Retention of TRiO, SSS students exceeds that of our typical student as does their graduation rate.

### **Writing Center**

[http://www.xavier.edu/writing\\_center/](http://www.xavier.edu/writing_center/)

513.745.2875

Room 400, Conaton Learning Commons

The James A. Glenn Writing Center provides free assistance with all aspects of the writing process for both undergraduate and graduate students, for any level of writing ability or field of study. Although most tutorials focus on a particular assignment or writing project, our broader mission is to improve students' overall writing skills and their understanding of the writing process. The Center is staffed by nine undergraduate peer tutors, two graduate tutors and the Director. All the tutors have taken a seminar-long training course on how to work one-on-one with people about their writing. The Center has a library of writing-related references and provides computers and printing for those who need a quiet place to write. Staff and faculty are also welcome to use the Center's resources. The Writing Center is open approximately fifty-eight hours each week during the academic year.

## **Campus Events, Activities, and Involvement**

### **Gallagher Student Center (GSC)**

<http://www.xavier.edu/gsc/>

513.745.3201

The Gallagher Student Center provides two primary services to the Xavier community: the Welcome Desk, and facility reservations. The Welcome Desk is the customer service center for the Gallagher Student Center. The Welcome Desk student staff act as campus operator, assist with the identification of campus resources, maintain information on staff telephone numbers, and provide general referrals for the campus. In addition, the GSC provides a wireless environment for laptops and houses a 350+ seat theater, five retail outlets, the University Bookstore, lounges, meeting rooms, and designated space for student organizations and clubs. The GSC is open 24/7 during the academic year, excluding holidays.

### **Recreational Sports**

<http://www.xavier.edu/recsports/>

513.745.3208

Xavier University Recreational Sports provides the Xavier community with a broad, diversified sports program and activities that meet the needs and interests of the entire campus. It provides an environment that focuses on the total development of all students and, during that process, maintaining an atmosphere of fun.

O'Connor Sports Center is a student/faculty/staff use facility that provides opportunities to participate in informal recreation and fitness, instructional programs and intramural competitions. Located within the facility is a 10,000 square foot gymnasium, a 6-lane meter pool, 2 racquetball/handball courts, a weight/cardiovascular room, and locker rooms.

In addition, there are several leadership opportunities for students, including student managers, club sport team officers, intramural officials, lifeguards, and customer service and weight room supervisors. Students learn and enhance their teamwork, communication, and customer service skills. Several of these positions are also available during the summer and school vacations. Contact the Recreational Sports Department for further information regarding any of these positions.

### **Student Involvement**

<http://www.xavier.edu/involvement>

513.745.3004

2nd Floor, Gallagher Student Center

The Office of Student Involvement believes that, through involvement, individuals discover their passions and develop their strengths to lead a purposeful life. As such, Student Involvement facilitates learning and social integration by providing students with experiences in leadership development, student organizations, campus events, and orientation.

The Office of Student Involvement coordinates campus-wide events such as Manresa New Student Orientation, Week of Welcome, and Family Weekend. Student involvement provides oversight and support for student clubs and organizations and directly advises the Student Government Association, Student Activities Council, and Senior Week Planning Committee. A full listing of student clubs and organizations is available at [www.xavier.edu/clubs](http://www.xavier.edu/clubs)

### **The XU Bands**

## **Symphonic Winds**

The Xavier University Symphonic Winds is an auditioned ensemble dedicated to the excellent performance of quality traditional and contemporary literature, including original works for wind band as well as outstanding orchestral transcriptions. This is the premiere wind ensemble at Xavier University. In rehearsal and performance, the aesthetic aspect of the music is stressed and special emphasis is placed on musical style. The group maintains an active performance schedule in the Cincinnati area, but the Symphonic Winds also represent the Department of Music throughout Ohio and the surrounding states. Membership is open to all university students; the ensemble represents virtually every department across campus.

## Jazz Ensemble

The Xavier University Jazz Ensemble enables students to experience the jazz idiom in a jazz big band. Selected pieces by the jazz masters and standards of the jazz idiom constitute the majority of performance material, but student arrangements are also vital component to rehearsals and concerts. All chosen material is varied in style, tempo, and difficulty while keeping in mind the educational needs of the ensemble. The Jazz Ensemble provides students an opportunity to play both in a traditional big band and learn small group improvisation skills. Membership is open to all Xavier students by audition.

## Pep Band

The Xavier University Pep Band is a performance ensemble, with its members serving as musical ambassadors for the University. This ensemble performs at home men's and women's basketball games, and also does special performances at several other on-campus University events. The band also travels to tournament games for men's and women's basketball. Students enrolled in this course will learn a repertoire of "audience-pleasing" (popular music) literature. Students are exposed to select, specially arranged music, designed for this particular idiom, drawn from various musical genres. Membership is open to all Xavier students by audition.

## Chamber Orchestra

The main goal of this course is to explore and perform the finest and most appropriate literature available for Chamber Orchestra. The ensemble is designed to be a professionally nurturing and meaningful music experience for string players through engaging rehearsals and performances. The content of this course will expose participants to both basic and new repertoire for Chamber Orchestra; this includes music for all periods and will include contemporary music. Membership is open to all Xavier students, faculty and staff by audition.

# Health, Wellbeing, and Safety Resources

### Campus Police

<http://www.xavier.edu/police/>

<http://www.xavier.edu/safety/>

513.745.1000 (Emergency)

513.745.2000 (Non-Emergency)

1648 Musketeer Drive (across from the Common's Apartment Complex).

The mission of the Xavier University Campus Police Department is to protect life and property, to understand and serve the needs of any and all persons within the university community, to actively seek to identify community problems and solutions to these problems, to identify and prevent any criminal activity which may occur, and to improve the quality of life in this community.

Campus Police is staffed by professional officers 24 hours a day year round and provides general assistance to the Xavier community. In addition to providing for a safe and secure environment, Campus Police is also responsible for parking enforcement, crime prevention, and criminal investigations. The officers are State Certified and provide a full range of law enforcement services.

### Quick Facts About Us

- Officers within the Department are State Certified with police powers and authority as set forth under section 1713.50 of the Ohio Revised Code. All officers have obtained at least 600 hours of specialized training through the Ohio Peace Officer's Training Academy as mandated under section 109.78(D) of the Ohio Revised Code.
- The Xavier University Police Department has Mutual Aid and Concurrent Jurisdiction Agreements with the Cincinnati and Norwood Police Departments.
- The Xavier University Police Department has direct radio communications with the surrounding police, fire and EMS agencies servicing the Xavier community.
- The Xavier University Police Department is committed to Community Oriented Policing and provides on-campus vehicle jump-starts and lockouts. Officers are also available for campus escorts during the hours of darkness.
- The Xavier University Police Department administers the university's compliance with the [Clery Act](#).

### Dean of Students

513.745.3166

[www.xavier.edu/dean-of-students](http://www.xavier.edu/dean-of-students)

The Office of the Dean of Students is committed to supporting Xavier students and creating a safe and inclusive campus community. We promote integrity, wellbeing, and success as we help students learn to make healthy and responsible choices. We do this through student behavioral response and support, student conduct and integrity, and

supporting student wellbeing initiatives. The Dean of Students staff facilitates the student conduct process, as found in the [Student Handbook](#), promotes wellbeing through [Care Management Services](#), and provides resources such as The Store (Xavier's food pantry) and the Student Emergency Fund to assist students in their success at Xavier.

### **Dining Services**

[xavier.edu/dining](http://xavier.edu/dining)

513.745.4874

[dining@xavier.edu](mailto:dining@xavier.edu)

The James E. Hoff, S.J. Dining Commons, affectionately known as "The Caf," located in Justice Hall, is open to the campus community, family, friends, and guests for breakfast, lunch, and dinner seven days a week during the academic year. Dining Services is a nationally award-winning dining program that takes you beyond the typical "cafeteria" style cuisine. Each area is designed with you in mind. Guests will find multiple entree options each day to meet their various needs. With health, wellness, and community our top priorities, you will discover made-from-scratch options at every platform, including our Avoiding Gluten station for individuals with dietary restrictions or food allergies.

In addition to our residential dining program, our University offers multiple retail locations throughout campus as well as our Starbucks located in the All For One Shop at University Station. Adjacent to campus, University Station has off-campus dining options to serve our local community. Daily menus and hours of operation can be found online at [xavier.edu/dining](http://xavier.edu/dining).

The University offers a variety of Meal Plan options to the Xavier University Community, usable during the academic semesters. To get the most out of your Xavier experience and encourage wellness, students living in Buenger, Brockman, Husman, Fenwick, and Kuhlman may choose between Xavier Blue or Silver meal plans.

For on-campus apartment and commuter students, meal plans are optional and strongly recommended. These students may choose from all meal plans available. Approximately 70% of the student body enjoys a meal plan to satisfy their dining needs! Students with special dietary restrictions or food allergies should contact Xavier Dining to discuss their specific needs.

### **McGrath Health and Wellness Center**

<http://www.xavier.edu/health-wellness/>

513.745.3022

1714 Cleneay Avenue

The Health and Counseling Center offers primary medical care, mental and Behavioral health counseling, and other health services to Xavier students.

Medical services are provided by board certified physicians and licensed registered nurses. Services include primary care, allergy treatment, travel medicine, lab tests, immunizations, and pharmacy. Health Services can provide individualised care for students with special or ongoing medical needs. There is no charge to see a physician or nurse, but there may be charges for medications, lab tests, and other services.

Counseling services are provided by licensed psychologists and counselors. The counselors provide for a wide range of mental and behavioral health matters, including anxiety, depression, adjustment, relationships, eating disorders, alcohol and drug issues, family, and other problems. There are no charges for counseling services.

The services of the Health and We Center are available to all Xavier students, full or part-time, graduate and undergraduate, commuter or resident.

### **Psychological Services Center**

<http://www.xavier.edu/psychologicalservices/>

513.745.3531

Sycamore House, Winding Way Avenue

The Psychological Services Center provides a wide range of professional services to the Xavier community. The Center serves students, faculty, and staff who are seeking assistance for the many difficulties which can accompany college and/or family life. Individual, couple, and family therapy are available for concerns which may include depression, stress, eating disorders, difficulties in relationships, family issues, sexual concerns, or sports-related difficulties of student athletes and coaches.

Although most concerns are handled through short-term counseling, the staff is equipped to deal with more serious difficulties which may require longer term treatment.

### **Title IX Office**

<http://www.xavier.edu/titleix/>

513-745-3046

Title IX is the federal civil rights law that prohibits discrimination based on sex in all federally funded education programs and activities. Sex discrimination includes sexual harassment, sexual assault, dating violence, domestic violence, stalking, and other forms of gender-based harassment or violence. Xavier University does not tolerate sex discrimination. If students believe they have experienced sex discrimination or have questions about Title IX, please contact Xavier's Chief Title IX Officer Kate Lawson at 513-745-3046, [lawsonkl@xavier.edu](mailto:lawsonkl@xavier.edu) or visit the [Title IX Office website](#). For free, confidential advocacy and support, contact [Xavier's Advocacy & Prevention Coordinator](#) at 513-904-9013.

## **Spirituality and Jesuit Mission and Identity**

### **Center for Mission and Identity**

<http://www.xavier.edu/jesuitresource/index.cfm>

By supporting our faculty and staff in realizing the Academic Vision and affirming the Jesuit tradition of pedagogical excellence, the Center for Mission and Identity ensures that students gain an education at Xavier University as pledged by the Mission Statement, which prepares them to be people of outstanding competence and compassion.

### **The Dorothy Day Center for Faith and Justice**

<http://www.xavier.edu/cfj/>

513.745.3567

We challenge and support students as they deepen their spiritual lives, pursue justice and promote pluralism.

As a Jesuit Catholic University we are committed to deepen our recognition of the sacred and pursue the common good. In a community forged from diversity, the Dorothy Day Center for Faith and Justice challenges and supports Xavier's diverse constituents as they pursue these complimentary ends. Through faith formation, education for social change and dialogue, we seek to equip students to live in a diverse world where faith matters and justice is imperative. Inspired by Ignatian spirituality and Catholic Social Teaching, the Center is built on the invitation to find God in all things and the principles of solidarity and common good. The doors of the Dorothy Day Center for Faith and Justice are open to all.

In pursuit of our mission, we challenge and support students as they:

- Deepen their spiritual lives and create communities of practice
- Respond to today's complex social problems and to become agents of social transformation
- Build relationships, with diverse constituents, anchored in an appreciation of shared values, difference and common action

We do this by facilitating:

- Support and resources for faith development to students of diverse religious and philosophical traditions
- Education through community action and social analysis
- Liturgy, prayer services and faith sharing groups
- Exploration of the intersection of faith and justice
- Interfaith dialogue amongst diverse constituents about complex social issues
- Reflection and discernment
- Leadership development for ministry and the common good

## **Additional Resources for Students**

### **Center For Diversity and Inclusion**

513.745.3181

2nd Floor, Gallagher Student Center

#### **Mission & Vision**

The mission of the center is to serve as an educational resource, rooted in inclusive excellence, that invites the entire campus to engage academically and socially with identity development, intersectionality, intergroup relations and justice in order to achieve a unifying consciousness for the common good at Xavier and the world at large.

We envision Xavier students, staff and faculty taking advantage of the rich diverse fabric of the university by embracing and grappling with issues of diversity, inclusion and social justice.

#### **Engagement & Learning Outcomes**

- All students will practice critical reflection and develop an appreciation for cultural differences.
- All students will develop cross-cultural communication competencies to promote intergroup engagement and global citizenship.
- Underrepresented students will be able to identify campus resources (i.e. faculty, support staff and mentors) to help them transition into the university setting and gain a better sense of identity and self-confidence.
- Underrepresented students will demonstrate a development of professional skills as evidenced by the ability to clearly articulate professional goals and to name two strategies for successful networking.

#### **Commuter Services**

<http://www.xavier.edu/commuter/>

513.745.3824

Office of Residence Life, Musketeer Mezzanine/Fenwick Place

Commuter Services provides programs and services designed to meet the diverse needs of Xavier's commuter and nontraditional student populations. Commuter Services offers information about offcampus housing, transportation alternatives, and campus events. The office maintains evening hours to ensure accessibility for commuter students and adult

learners. The commuter lounge is located on the third floor of the Gallagher Student Center.

### **Day One Textbook Program**

<https://www.xavier.edu/day-one/>

513-745-3311 ext. 4

[afoshops@xavier.edu](mailto:afoshops@xavier.edu)

The Day One Program makes getting your required course materials one of the easiest things to do as you start your Xavier University experience. Day One takes the guess work out of textbook selection, and we take care of the cost of your rented textbooks. The program ensures you have the right textbooks and course materials to be successful from Day One.

Once registered, your classes are sent to the Day One Book Depot, where they are packaged for pickup located in the Innovation Center. Digital content is available through Canvas.

If you drop a class or change sections; you must return any books to the Day One Book Depots within 7 days of the start of the semester to avoid any penalties. This includes any digital access cards, do not throw them away.

### **Mailing Services**

<http://www.xavier.edu/mailling-services>

513.745.3558

[mailingservices@xavier.edu](mailto:mailingservices@xavier.edu)

As a part of Auxiliary Services, we take pride in delivering excellent customer service while you and your students are on campus. The goal of the Mailing Services is to provide the University community with timely and accurate handling, distribution, and processing of all mail, utilizing staff and resources most cost-effectively. To prepare and meter all outgoing classes of domestic and international mail, packages, and courier services for the University departments and ensure that all departments comply with all USPS regulations.

Please visit the Auxiliary Services Hours Of Operation webpage for our most recent hours. The Mailing Services Department adheres to the Xavier University holiday schedule.

Outgoing mail is sent off campus daily at 2:00 pm. Any mail dropped off after 2 pm is NOT guaranteed to be sent out that day.

[Click here](#) for a complete listing of the building addresses and [click here](#) for additional USPS rules and regulations.

### **PARENTS & STUDENTS - All mail/packages should be addressed**

*Xavier University  
Attn: Jane/John Doe  
3800 Victory Parkway  
Hall name-exp: Kuhlman #414  
Cincinnati, OH 45207*

Students will be notified via email from our office when their mail or packages are ready for pickup. Any student packages still in our possession after two weeks of arriving at the Mail Center will be Returned to Sender if not picked up by the student.

### **Parking Services**

<http://www.xavier.edu/parking>

513.745.1050

[parkingservices@xavier.edu](mailto:parkingservices@xavier.edu)

Parking Services at Xavier University is a collaborative service between the Office of Auxiliary Services which manages the permit distribution and the Xavier Police Department which manages the enforcement of parking rules and regulations and issuance of citations.

All vehicle parked on campus must have a valid Xavier permit displayed. Please visit [xavier.edu/parking](http://xavier.edu/parking) for all of your general parking information regarding parking areas, rules and regulations and much more.

This web site is also your avenue for self service management of all your parking needs around the clock, including Personal and Vehicle information, Permit Ordering and review, as well as Citation payments and/or appeal processing.

### **Residence Life**

<http://www.xavier.edu/residence-life/>

513.745.3203

Musketeer Mezzanine in Justice Hall

[reslife@xavier.edu](mailto:reslife@xavier.edu)

The Office of Residence Life provides learning opportunities in a unique living environment, including programming, leadership and advocacy. A full-time, Master's degree-level Hall Director lives and works in each of the residence halls and an Apartment Director oversees all the Apartment buildings on campus.

In every community, the student staff are comprised of Senior Resident Assistants and Resident Assistants (RAs) who serve as peer leaders to their residents. The Residence Life staff strive to create an inclusive community atmosphere through social and educational programming.

#### **Student Financial Services**

<http://www.xavier.edu/financial-aid/>

513.745.3142

1st Floor, Schott Hall

The Office of Student Financial Services' purpose is to provide the best possible service and information to students seeking a Xavier education. The Office of Student Financial Services is responsible for the administration of federal, state, and institutional resources, including scholarships, grants, and loans. It also awards Federal Work Study and acts as the liaison office between many private sources of student aid and the University. Students seeking financial assistance should submit the Free Application for Federal Student Aid (FAFSA) and may contact the Office for individual counseling.

#### **Student Identification Card (One Pass or ALL Card)**

<https://www.xavier.edu/auxiliary-services>

513 745-3374

[allcard@xavier.edu](mailto:allcard@xavier.edu)

The student identification card, One Pass (Digital) or ALL Card (Physical), is required for all full-time and part-time students. The One Pass and ALL Card are provided through the All Card Center located in the Musketeer Mezzanine. The One Pass and ALL Card are the official University identification and must be in your possession while on campus. The ID services include access for the library, recreational sports center, athletic and special event ticketing.

In addition to serving as your identification card for easy access to campus facilities and programs, the One Pass and ALL Card can be used as a prepaid debit card to pay for on-campus services such as: All For One Shops, food services, copying, library fees, and vending. The ALL Card technology includes the student's ability to integrate U.S. Bank's complete banking as well as Internet banking services.

The system eliminates issues related to multiple cards for campus access and funds management. Convenience, simplicity and security... your student ID does it all!

## **Policies and Procedures**

- Undergraduate Academic Policies and Regulations
- Graduate Academic Policies and Regulations
- Registration Policies and Procedures
- Privacy Rights
- Title IX

## **Undergraduate Academic Policies and Regulations**

#### **General Policies**

The policies listed here affect all undergraduate students. Some degree programs have special policies which are specified within individual program descriptions. Refer to the "Registration" section of the catalog for general registration policies which affect both undergraduate and graduate students.

## **Reservation of Rights**

Xavier reserves the right to promulgate and modify its rules and regulations, policies, and procedures and to make changes of any nature in its program; calendar; admissions policies, procedures, and standards; degree and graduation requirements; fees; written materials, including, but not limited to, this Catalog; and academic schedule whenever necessary or desirable, including, without limitation, changes in course content and class schedule, the cancellation of scheduled classes and other academic activities, and the substitution of alternatives for scheduled classes and other academic activities.

The University will attempt to comply with the requirements published in the catalog for the year a student initially registers, provided the student continues in attendance without interruption of more than a year. In any such case, the University will give whatever notice it determines is reasonably practical.

Students who interrupt their attendance by more than a year and who later return must meet curricular requirements as determined by their dean.

## Delivery of Services

Xavier University assumes no liability for the delay or failure in providing educational or other services, programs, or facilities due to causes beyond its reasonable control. Causes include, without limitation, power failure, fire, strikes by University employees or others, damage by natural elements, and acts of public authorities. The University will, however, exert reasonable efforts, when it judges them to be appropriate, to provide comparable services, facilities, or performance; but its inability or failure to do so shall not subject the University to liability.

In the event that Xavier determines it must suspend or alter its operations in whole or in part due to epidemic, pandemic, other public health emergency, extreme weather, natural disaster, acts or threatened acts of terrorism or war, or any single act or combination of events beyond the University's control, Xavier may suspend, reduce, terminate and/or modify its operations in whole or in part, which may or may not include offering online or other alternative learning options, in its discretion. In any such event, Xavier University is under no obligation to refund or credit any portion of tuition, fees, or other charges paid or owed, but it may do so in its discretion.

Xavier provides rigorous academic and professional programs integrated with co-curricular engagement. Even so, the quality and rate of progress of an individual's academic career and professional advancement upon completion of a degree or program are largely dependent on his or her own abilities, commitment, and effort. In many professions and occupations, there are also requirements imposed by federal and state statutes and regulatory agencies for certification or entry into a particular field. These requirements may change while a student is enrolled in a program and may vary from state to state or country to country. Although the university stands ready to help its students find out about requirements and changes in them, it is the student's responsibility to initiate the inquiry.

## Student Responsibility

It is the responsibility of the student to become informed about all regulations and procedures required by the program and by the University. **In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority.** The advisor should be consulted concerning requirements, deficiencies, the planning of a program, and special regulations.

## Academic Grievances

Consistent with its mission, Xavier welcomes opinions and feedback about our policies, programs, and services in order to ensure that student rights are protected and, when necessary, to make changes that more effectively contribute to student success. The University is accountable to its students, its other constituents, and its institutional accrediting body to provide a mechanism to ensure that students have access to appropriate procedures for registering complaints when they feel that their rights have been violated.

Complaints can be made by a student or group of students alleging improper, unfair, or arbitrary treatment. A complaint may address issues of institutional or program quality such as Xavier's compliance with the standards of the Higher Learning Commission of the North Central Association of Colleges and Schools or other pertinent accrediting bodies.

Exclusions to this policy include complaints regarding grade grievances, academic honesty, non-academic misconduct, sexual violence, harassment, and discrimination, which have separate, specific policies and procedures.

Concerns or complaints about academic procedures or personnel should be filed with the appropriate unit: College of Arts and Sciences, College of Nursing, College of Professional Sciences, or the Williams College of Business. A student with a complaint that a policy or procedure has been incorrectly or unfairly applied, or a complaint against a faculty member or academic staff member's behavior, has recourse through this process.

Students should address the complaint by first discussing the matter with the staff or faculty personnel with whom the issue originated. If students are uncomfortable talking directly with the person about whom they have a complaint, they may contact the supervisor or department chair directly.

If the issue is not resolved at the staff or faculty level, the next step would be discussion about the allegation with the supervisor or the department chair. Ideally, the student should document in writing the incident that has occurred. If possible, the student should include dates, locations, context, and as much detail as possible. In addition, the student should identify the resolution they are seeking and explain in writing why they feel that the issue was not resolved directly with the staff or faculty personnel.

If the issue is not resolved at the supervisor/chair level, students should then contact the respective dean's office where the dean or their designee will investigate the issue or allegation, and render a judgment.

## Class Attendance

In order to earn credit in any course for which he/she is registered, the student is required to attend classroom and laboratory exercises regularly and promptly. Unexcused absence from a previously announced test may incur the penalty of a failure in that particular test. Regular attendance and missed class and test procedures are determined by the individual faculty members. Students should consult the class syllabi for current policy regarding attendance, grading, procedures, etc., by individual faculty members.

## Writing Standards

In written work for class assignments, the University requires a high quality of writing. Instruction is available, through course work and through the James E. Glenn Writing Center, to help students attain this high level of quality. Faculty members may refuse to accept an assignment that does not meet acceptable standards.

## Academic Integrity

The pursuit of truth demands high standards of personal honesty. Academic and professional life requires a trust based upon integrity of the written and spoken word. Accordingly, violations of certain standards of ethical behavior will not be tolerated at Xavier University. These include cheating, plagiarism, falsification of records for academic

gain, collusion, copyright infringement, or abuse of physical or intellectual property or use of generative artificial intelligence (GAI).

All work submitted for academic evaluation must be the student's own. Certainly, the activities of other scholars will influence all students. However, the direct and unattributed use of another's efforts is prohibited as is the use of any work untruthfully submitted as one's own.

Penalties for violations of this policy may include, but are not limited to, one or more of the following: a written warning, academic integrity training, a zero or an "F" for that assignment or test, an "F" in the course, university probation, suspension, or expulsion from the University. This violation is to be submitted to the dean of the college of the student's major(s), via the Academic Integrity reporting system, though the instructor has full authority to assign the grade for the assignment, test, or course; the dean has full authority to assign university-level penalties. If disputes of interpretation arise the student, faculty member, and appropriate chair/program director/school director should attempt to resolve the difficulty. If this is unsatisfactory, the dean will rule in the matter. As a final appeal, the Provost or their designee(s) will make a final determination.

## Disciplinary Action

Xavier University expects the behavior of its students on and off campus to be in accordance with the rules of conduct specified in the Code of Student Conduct and the Student Handbook. A student violating any University policy will be subject to disciplinary action, facilitated by the Office of Residence Life or Dean of Students Office). Serious cases of misconduct may result in a student's sanctions that include suspension or expulsion. Academic credits for courses in which the student is currently enrolled may be lost by a student who is suspended or expelled from the University before the end of the semester. Refer to the Student Handbook ([www.xavier.edu/handbook](http://www.xavier.edu/handbook)) for specific information regarding the student conduct process and procedures.

Disciplinary records are confidential and are maintained by the Dean of Students Office for a period of seven years, unless the student has been suspended or expelled from Xavier, in which case student conduct records may be kept indefinitely. The University may choose to notify parents of disciplinary action taken against a student in accordance with the permissible disclosures as outlined in the Student Handbook.

Academically related discipline problems will be addressed through the appropriate department chair, dean, and Provost.

Xavier University reserves the right to dismiss a student for academic misconduct if, in the judgment of University officials, such action is necessary to preserve and support the general welfare and academic experience of one or more students and/or the Xavier community. A student also may be required to withdraw for reasons of poor scholarship, failure to remove academic probation, or misconduct.

## Xavier University Institutional Review Board (IRB)

Xavier has established an Institutional Review Board (IRB) for the protection of human subjects participating in research conducted by or on students, faculty or staff of the University. This includes research performed at Xavier under contractual arrangements with outside research organizations. In these cases, such contracts are subject to review and the research protocol portion of the contract is subject to Xavier IRB review.

The Xavier IRB is guided by the ethical principles set forth by the National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research in Ethical Principles and Guidelines for the Protection of Human Subjects of Research: The Belmont Report.

In addition, the IRB attempts to insure compliance with the requirements set forth in Title 45, Part 46 of the Code of Federal Regulations.

## Xavier University Professional Review Board (PRB)

A number of programs offered by the University qualify graduates to stand for certificates to practice professions involving vulnerable individuals (children, the ill, the mentally or physically challenged). Besides having academic knowledge and skills, they must also have the capacity to serve and help their future clients through intimate human contact.

When a student is found by their program or department to lack interpersonal skills necessary for activity as a professional, this Review Board, made up of certified, practicing professionals, serves as the student's appeal source. Instructors may also appeal to the Board if they are dissatisfied with their department's or program's lack of concern about an individual student's behavior.

### Enrollment

## Classification of Undergraduate Students

1. Freshmen - students who have earned 0 through 23.99 credit hours
2. Sophomores - students who have earned 24 through 54.99 credit hours
3. Juniors - students who have earned 55 through 89.99 credit hours
4. Seniors - students who have earned a minimum of 90 credit hours
5. Non-degree - students who have not declared themselves candidates for a degree at Xavier
6. Visiting (transient) - students from another college or university taking courses as a non-degree student at Xavier for transfer back to their home institution
7. Auditors - students taking courses but not for college credit

## Enrollment Status of Undergraduate Students

- Full-time Status: summer, fall or spring
  - Any student attempting 12 or more semester credit hours (enrollment in selected programs/courses have semesters designated full-time regardless of hours attempted)
- Part-time Statuses: summer, fall or spring
  - Any student attempting up to 11.99 semester credit hours



- Three Quarters time: 9 - 11.99 semester credit hours
- Half-time is 6 - 8.99
- Less than Half time: 5.99 and below

## Course Numbering

Courses are numbered in the following way:

100 to 199 - undergraduate lower division courses

200 to 499 - undergraduate upper division courses

500 and above - graduate level courses; open only to graduate students

## Prerequisites and Course Restrictions

When selecting courses, students must adhere to required prerequisites and special course restrictions established by the colleges and academic departments. Prerequisites must be passed with the minimum acceptable grade before subsequent courses may be taken.

## Credit Hours, Semester

At Xavier University, the number of credit hours awarded depends on the course workload and overall contact with the subject matter, including the amount of direct instruction and the amount of student study/preparation time. A semester course typically requires two units of student study/preparation time for every one unit of direct instruction. Credit hour minimums are the same for both the undergraduate and graduate level. Actual hours of course work may exceed these minimums to ensure students meet course student learning outcomes.

A **direct instruction hour** consists of 50 minutes of formalized faculty-directed instruction presented to students, either in a synchronous or asynchronous format.

A **study or preparation hour** consists of 50 minutes of independent work, outside-of-class study, or preparation coursework that the typical student is expected to complete. Examples include, but are not limited to, reading assignments, working out problems, preparing for exams, completing online and face-to-face group work, writing papers, and working on a project.

A **semester credit hour** is the amount of credit awarded for successful completion of a total of 2250 minutes of course work comprised of faculty-directed instruction and independent student work. For example, one semester credit hour of traditional face-to-face lecture courses represents 750 minutes of direct instruction supplemented by a minimum of 1500 minutes of student independent study or preparation. An equivalent amount of time and work is required for shorter semesters or course duration.

The ratio of direct instruction to independent student work may differ by modality of instruction, but all courses require a **minimum of 2,250 total minutes of student work per credit hour** (e.g., 750 minutes of direct instruction plus 1,500 minutes of study/preparation time). A three credit-hour course requires a minimum of 6,750 minutes of interaction with the subject matter, including both direct instruction and independent student work.

Xavier University includes a week of final exams as part of the required minutes for full-term courses. A laboratory course that meets for two or three class hours weekly over the course of a full term is considered equivalent to one credit hour. Fully online courses include the same credit hour minimums as face-to-face courses. The credit hours for work in internships, practica, and student teaching vary. Class and study time may exceed these minimums to ensure students meet course student-learning outcomes.

The standard number of credit hours which each course carries is provided in the course description section of this catalog. The courses are listed in numerical order within the sections for the various academic departments.

Faculty are responsible for ensuring that overall credit-hour minimums are met for each of the courses they teach, including the make-up of any unanticipated class cancellations that occur due to weather or other extenuating circumstances. Faculty may use alternative activities or assignments to make up missed class time. It is general practice for faculty to notify their chairs when a class session is cancelled.

## Excess Credit Hour Courseload

The following maximum course loads may only be exceeded with permission from the student's dean, even if the additional hours are to be taken for audit. Excess hours carry additional fees, unless departmental policy requires the excess.

1. Fall or spring - 18 hours
2. Summer - 7 hours each session, not to exceed 14 hours for the entire summer.

## Auditing Courses

Anyone wishing to audit a course may do so. An audited course does not carry credit or earn quality points or fulfill a requirement. The credit hours of an audited course do not count towards the student's enrollment status for financial aid purposes. Regular tuition rates apply. If audit requirements are not met a "W" grade may be assigned.

## Undergraduate Enrollment in Graduate Courses

A currently enrolled Xavier University undergraduate student may begin graduate course work as a non-degree graduate student if the student is within 12 hours of completing the undergraduate degree. The student must be in good academic standing and must obtain written approval from the appropriate dean and program director. The student must

complete the nondegree graduate application for admission and return it to the Graduate Services Office or the MBA Office with the written permission attached.

All graduate courses taken will be for graduate credit only; the credit hours completed for graduate credit may not count towards the student's undergraduate degree. No more than 6 credit hours taken as a non-degree graduate student may apply toward a graduate degree. Some courses are not available to non-degree graduate students. Psychology graduate courses are not available.

NOTE: Students enrolled in the "Accounting 150 Credit Hour Program" or dual Bachelor/Master degree programs approved by the university should consult their department for exceptions to these policies.

NOTE: Students in the Masters of Occupational Therapy program may take eleven graduate hours after they have completed 114 undergraduate hours.

## Course Repeat Policy

A course previously taken for credit may be repeated up to two additional times, including any withdrawals. The credit hours of the repeated course are counted only once. While all grades are entered on the student's official academic record, and appears on a student's transcript only the most recent grade counts in the student's grade point average, even if it is the lowest. Academic bankruptcy does not eliminate the term's courses from counting as repeated courses.

**Some courses may not be repeated:**

Undergraduate

- MATH 105, MATH 120, and MATH 150 may not be repeated after successful completion of a more advanced math course.
- An elementary or intermediate foreign language course may not be repeated after successful completion of a more advanced course in the same language.

Graduate

- Courses completed in a student's undergraduate program or in another graduate program cannot be repeated for graduate credit. Courses applied to another degree, either at Xavier or another institution, may not be applied to any master's degree at Xavier.

## Pass/Fail Grade Option

The purpose of this policy is to encourage students to pursue coursework of interest outside of their areas of study. Students must petition or apply for consideration for a Pass/Fail grade from the department chair and consult their academic advisor to determine eligibility to ensure that the Pass/Fail option is appropriate. Licensure or advancement in a program or transfer of course credit to other universities may be affected by a Pass/Fail grade. There may also be implications for a student's academic standing eligibility in athletics, financial aid qualifications, or eligibility for the Dean's list. Students planning on entering graduate or professional school (e.g., Medical School, Law School) at any time after graduation should be aware that required or pre-requisite courses listed as Pass/Fail very often are not accepted. The policy has certain restrictions, listed below, that will protect students from any negative ramifications of choosing the Pass/Fail (P/F) option.

### Purpose of Pass/Fail grade option

The purpose of this policy is to encourage students to pursue coursework of interest outside of their areas of study. Policies may vary by college, school or program.

### Stipulations and rules of Pass/Fail option

- In order to elect the Pass/Fail option, the student must fill out the Pass/Fail form available from the Office of the Registrar online and attain the signatures of the instructor, advisor and dean of their college/school.
- Students may select the Pass/Fail option only during the add/drop period for the given course. A return to regular grading is also restricted to this timeframe. These deadlines include half-semester classes, intersession, and summer classes.
- An undergraduate student may take a maximum of 2 hours of Pass/Fail coursework during the student's undergraduate career.
- No more than 6 hours of Pass/Fail coursework can be taken in a single semester.
- This option is available to students in good academic standing, sophomore status or higher.
- Only electives can be taken as Pass/Fail option. Courses cannot be used to fulfill a major, minor, Core requirement, or corequisites. Additionally, study abroad programs are excluded from the Pass/Fail option.
- Students may petition to have the Pass/Fail course satisfy a requirement in the event they change their major to that new area, on a case-by-case basis, but their petition can be denied.
- Each academic department will determine if a given course can be taken as Pass/Fail based on degree requirements, program restrictions, etc.
- Pass/Fail grades will appear as P(pass), or F(fail) on students' official academic transcripts.
  - Pass (P): a permanent grade/credit indicating equivalent work of D or better and will count as earned hours toward graduation. A grade of P is not computed as part of a student's semester or cumulative GPA.
  - Fail (F): no credit, a permanent grade indicating equivalent work of less than a D in the course. Students who earn a grade lower than a D will receive that grade, and it will be included in the computation of overall GPA.
  - Pass/Fail grades may not be converted to any other grade (except W (withdrawal)).

## Changing, Adding, or Dropping a Major or Minor

A student wishing to change, add, or drop a major or minor must see the appropriate Dean. A student wishing to change majors from one undergraduate college (Arts & Sciences, Business, and Professional Sciences) must go the office of the Dean of the new program so that they may begin the major/minor change process. A student wishing to change majors within the same college must see the Dean of their current college so that they may begin the change process.

### Grading and Academic Standing

# Undergraduate Grading System

A = Exceptional

A-

B+

B = Good

B-

C+

C = Satisfactory

C-

D+

D = Minimum passing

F = Failure

VF = Failure to officially withdraw

W = Official withdrawal

I = Incomplete, changed when grade is assigned.(see [Incomplete Work](#))

IP = In Progress, changed when grade is assigned

AU = Audit - no credit or grade earned (see [Auditing Courses](#))

P = Passing/Satisfactory, credit earned

S = Passing/Satisfactory, credit earned

U = Not passing/Unsatisfactory, no credit earned

NC = No credit earned, non-graded course

NR = No grade reported

No grade change can be made later than the 15th calendar day after the beginning of the next academic semester (fall or spring) except in the case of a completed Incomplete grade or a resolved Grade Grievance. "S/U" grades are given in certain pass/fail courses, in place of letter grades. The grade of "S" does not equate with letter grades and is transferable to other universities only upon their approval.

## Quality Points

The quality point is the unit used to measure student achievement in a course. The number of quality points received for any course is equal to the number of points attached to the grade received, multiplied by the number of credit hours for the course. Quality points are calculated as follows:

A = 4.00 quality points per credit hour

A- = 3.67 quality points per credit hour

B+ = 3.33 quality points per credit hour

B = 3.00 quality points per credit hour

B- = 2.67 quality points per credit hour

C+ = 2.33 quality points per credit hour

C = 2.00 quality points per credit hour

C- = 1.67 quality points per credit hour

D+ = 1.33 quality points per credit hour

D = 1.00 quality point per credit hour

F = 0.00 quality points per credit hour

VF = 0.00 quality points per credit hour

I = 0.00 quality points per credit hour (earned prior to Fall 2019)

U = 0.00 quality points per credit hour

## Incomplete Work

Grades of "IP" (In Progress) indicate that the student is continuing a long-term project related to the course, and should only be used when such continuation is the expectation of the program (eg for long-term research or other dissertation-related work). The grade "IP" does not count toward the GPA. The faculty member or department head initiates the grade change process once the work is completed.

Grade of "I" (Incomplete) may be granted only rarely and only for serious reasons. Course assignments are due at the time specified by the instructor. If an extension is granted beyond the termination of the course, the grade of "I" will be assigned. The grade "I" does not count toward the GPA. Unless the work is completed and submitted by the last day of the subsequent semester (Fall incomplete = last day of Spring Semester; Spring incomplete = last day of final Summer Semester; Summer incomplete = last day of Fall Semester), the student will fail the course and the "I" will be permanently changed to an "F." Exceptions to this policy must be approved in writing by the appropriate dean prior to the last day of the subsequent semester. The faculty member initiates the grade change process once the student has made up the incomplete work. Deadlines for short-term courses may vary; please refer to program handbook or director.

If a student ceases to attend class or misses the final exam the instructor should assign a grade of 'F' or 'VF'.

If the student is deferred for graduation due to a grade of 'IP' or 'I', he or she may be eligible for the original date of graduation. Work must be completed, graded and recorded within thirty calendar days of that term's graduation date.

## Dean's List

In any term, undergraduate students who complete at least six credit hours for grades that earn quality points (A, A-, B+, B, B-, C+, C, C-, D+, D, F, VF, I, U) with a grade point average of at least 3.500 are placed on the Dean's List for that term.

## Academic Standing

Actions regarding academic warning, probation, academic suspension, and academic dismissal will be noted on the student's permanent academic record.

## Good Standing

- A student in "good standing" is defined as a student who has earned a cumulative grade point average of 2.000 or better (a "C" average or better).

## Academic Warning

- Any freshman in a baccalaureate program whose cumulative average is 1.750 to 1.999 receives an academic warning. A warning may be issued for one semester only and may not follow a term on probation.

## Academic Probation

- Any student in an associate's degree program whose cumulative average falls below 2.000 is placed on academic probation.
- A freshman in a baccalaureate program whose cumulative average falls below 1.750 is placed on academic probation.
- Any upperclassman in a baccalaureate program whose cumulative average falls below 2.000 is placed on academic probation.
- Academic probation can be imposed by a dean at the end of any term. While on probation a student may be restricted to a reduced course load, and/or receive other stipulations intended to improve the student's academic success. Academic probation is removed when the student's cumulative average rises to 2.000 or above.

## Academic Suspension

- Students on academic probation who fail to restore their cumulative grade point average to 2.000 within two semesters will be suspended. In addition, Freshmen and probationary students who receive more than one failing grade within a single term will be suspended. Suspension will be enforced unless in the judgment of the dean there are extenuating circumstances. One fall or spring term must elapse before a suspended student may reapply.

## Academic Dismissal

- A student who has been readmitted after a period of suspension and who fails to meet the terms of the readmission as stipulated by the appropriate college dean will be dismissed from Xavier and is not eligible to return.

## Academic Bankruptcy

Academic bankruptcy allows an undergraduate to continue work toward a college degree without being severely burdened by a term with a high proportion of low or failing grades. Academic bankruptcy means that all credits and all grades for a given term are excluded from the computation of a student's grade point average, and the hours earned during the term will not be counted toward graduation. The courses and grades earned will remain on the student's permanent academic record, along with a notation of the Academic Bankruptcy. For this policy, the entire summer is considered one term.

A student may apply to the college dean for academic bankruptcy after the completion of a subsequent term of satisfactory performance. Satisfactory performance is defined as a grade point average of 2.000 in a term at Xavier that includes at least 6 credits of graded courses and no course withdrawals. The granting of academic bankruptcy may occur only once in a student's academic career at Xavier University and is irrevocable. Actions regarding course repetition, warning, probation, suspension, dismissal, and reactivation are not modified by this policy.

## Academic Reactivation

An undergraduate student who previously attended Xavier and has not been registered for one year is required to complete a Reactivation Form before registering. The form is available on the Office of the Registrar website. Applicants who wish to receive credit for coursework taken at another university during their absence from Xavier must submit an official transcript to the Office of the Registrar. See the section on "Transfer Credit" for limitations on the acceptance of coursework. Students are reactivated under the current catalog year, unless an exception is made by the dean.

## For Students Previously Placed on Academic Suspension

Students suspended from Xavier or from other institutions for poor academic performance will not be eligible for reactivation before the lapse of at least one fall or spring semester. In all cases, reactivation and the conditions for such will be determined by the dean of the appropriate college which issued the suspension. All prior financial obligations must be settled with the Office of the Bursar prior to reactivation, and the student must be in good standing with the Division of Student Affairs.

## Grade Grievance Procedure

**This policy applies to both graduate and undergraduate students.**

Students may appeal final grades if they believe that the grade was awarded unfairly. The student is responsible for the burden of proof, and must be able to provide some evidence of the lack of fair treatment in order to file a formal grievance. The following procedure must be followed when filing such an appeal.

The instructor is obligated to participate in the grade grievance process. If the instructor does not participate, the chair and/or dean will proceed without the instructor.

1. The student shall indicate in writing to the chair of the appropriate academic department that he/she is appealing the grade. This notification must be submitted in person or postmarked by February 1 for fall grades, June 15 for spring grades, and September 1 for summer grades.
2. The student shall meet with the instructor to try to resolve the grade dispute before February 15 for fall grades and before September 15 for spring and summer grades.
3. If a resolution is not reached and the student still believes that the grievance has merit, the student shall submit a request in writing to the department chair for a meeting with the chair and the instructor. This request should indicate when the meeting with the instructor was held and its outcome; explain exactly how the instructor's action was unfair; and be received by the department chair by March 1 for fall grades and October 1 for spring and summer grades. The student then meets with the department chair and instructor to try to resolve the dispute at this level.
4. If a resolution is not reached and the student wishes to pursue the grievance, he/she shall submit the statement from step #3, along with all evidence and documentation which supports the allegation, to the dean of the appropriate college. This should be done within five working days after meeting with the department chair and the instructor.
5. The dean shall convene a committee, composed of him/herself, three faculty members and two students, to conduct a hearing on the grievance. Two of the faculty members shall be from within the college and one from outside the college in which the instructor is located, and all shall be appointed by the dean. The two students shall have the same status as the grieving student (either graduate or undergraduate). If undergraduate, they shall come from a pool of 4-6 students appointed by the president of student government. One student shall be from within the college in which the grieving student is enrolled, and one shall be from outside the college. The dean shall choose the two students from the pool. If graduate, the dean shall meet with the appropriate graduate student organizations from the colleges to select the two students to sit on this committee.
6. The committee shall hold a hearing chaired by the dean. The instructor and the student shall be present and each shall be allowed an advisor (from within the University community) and shall be permitted to present witnesses. The committee, advisors, instructor and student shall all have the right to question the witnesses. The committee shall deliberate in closed session, and must present its decision in writing to the student and the instructor within five working days after the decision is reached. If the committee's decision is that the grade given was inappropriate, the academic vice president shall authorize the registrar in writing to change the grade.
7. The decision of the committee is final unless new evidence or new witnesses not previously considered or heard at the hearing become available. The student must submit this new evidence to the academic vice president within ten working days following the receipt of the committee's decision and must indicate precisely how this evidence or testimony relates directly to the alleged unfair awarding of the disputed grade.
8. The decision of the academic vice president is final. There is no further appeal.

## Graduation

# Degree Residency Requirement

At least one-half of the course requirements of the major or minor and the last 30 semester hours must be completed at Xavier University for all undergraduate degrees. At least 60 semester hours toward a bachelor's degree must be earned in accredited four-year institutions.

# Application for Degree and Graduation

Students initiate the process of graduation by completing a Graduation Application. The online graduation application is available through the Office of the Registrar website. It is recommended that the student meet with the academic advisor or program director before registering for the final term of work to ensure that all degree requirements will have been met by the end of that term. Utilize the Degree Works evaluation report available online to assist you with your graduation check out.

The student must submit a Graduation Application to the Office of the Registrar before the deadline published in the Academic Calendar. The graduation fee will be added to the student's Bursar account, and an additional fee will be incurred for applications received after the deadline. The graduation fee is a onetime, non-refundable charge, per each degree awarded. If the requirements for the degree are not completed at the time specified on the application, the student must submit a new Graduation Application by the application deadline in the next term in which he/she will complete the degree requirements. Although the student is not charged an additional graduation application fee when re-applying, the late fee will be assessed for applications received after the deadline.

Degrees are granted three times each year: in August for those completing programs during the summer, in December for those completing programs in the fall semester, and in May for those completing programs during the spring semester. Commencement exercises are held each May for graduates from the entire previous academic year.

Students whose degree requirements are completed, graded, and recorded within thirty calendar days of that term's graduation date may receive a diploma dated for that term. Students must have satisfied all financial obligations to the University before the diploma or academic transcript can be released.

# Graduation Honors

Honors are awarded on the basis of outstanding achievement only at the undergraduate level. For a bachelor's degree, a student who has earned a quality point average of 3.900 to 4.000 in Xavier course work will be graduated summa cum laude; one who has earned 3.750 to 3.899, magna cum laude; one who has earned 3.500 to 3.749, cum laude. For an associate's degree, a student who has earned a quality point average of 3.900 to 4.000 in Xavier course work will be graduated "with highest honor;" one who has earned 3.750 to 3.899 "with high honor;" one who has earned 3.500 to 3.749, "with honor." These honors are inscribed on the student's diploma and recorded on the student's permanent academic record.

Transfer students with appropriate grade point averages are eligible for honors at graduation if they have completed at least 60 quality hours at Xavier University for a bachelor's degree or at least 30 quality hours at Xavier University for an associate's degree.

Honor cords may be worn by any student who graduates or participates in the May Commencement ceremony, if those honors were earned by the day of the ceremony.

# Comprehensive Examinations

Comprehensive examination requirements vary according to each program and are found in the program descriptions in this catalog. A student who fails the comprehensive examination may appeal to the program director to repeat the examination during a subsequent term (only one examination attempt is permitted during the summer). A second failure will result in dismissal from the program.

# General Electives

General electives are fulfilled by courses of the student's choice as long as appropriate prerequisites are completed. Students may not apply more than 12 hours of any business area or 30 hours of total business courses toward electives.

## External Courses

# Courses at Other Institutions

## Consortium Courses

Courses not available at Xavier may be taken through the Greater Cincinnati Consortium of Colleges and Universities. For courses taken through the consortium, both the credit and the grade earned are recorded on the student's Xavier record and the quality points are computed into the student's Xavier grade point average. For a list of the consortium schools, see <https://www.gccollegiateconnection.org/>. The student must be at least half-time and must bring written approval for consortium enrollment from the dean of his/her college to the Office of the Registrar. Contact the Office of the Registrar for more information. Consortium courses may not be taken in the last 30 hours at Xavier unless approved by a college dean.

## Non-Consortium Courses

Students desiring to take courses at an accredited non-consortium university must receive prior approval from their dean. Normally no more than 15 hours may be taken at another institution and applied toward a degree after a student has matriculated at Xavier. The student usually must present a catalog with a description of the desired course. Courses from these institutions are treated as transfer credit. Credit is granted provided a grade of "C" or better was earned. The grade is not placed on the student's Xavier record, nor is it computed into the student's Xavier grade point average.

## Study Abroad Credits

Any student who is interested in registering for study abroad must complete the Study Abroad Approval prior to their study abroad experience. Upon completion of the course(s), the student must have an official transcript of the credits sent directly from the institution to Xavier University. The credit received is dependent on the type of study abroad the student completes.

- **Xavier Study Abroad/Faculty Led Program:** The student receives the letter grade for the course and the grade is computed into the student's Xavier grade point average.
- **Xavier Affiliated Study Abroad, Fredin Scholarship, Direct Exchange, Non-Xavier Affiliated:** The student receives transfer credit for courses in which a grade of C or better (or its equivalent) is earned. The transfer credit, but not the grade, is recorded on the student's transcript and the grades are not computed in the student's Xavier grade point average.

## Transfer Credit Policies

Any student who has successfully completed college-level course work at another institution of higher education must arrange to have an official transcript sent directly from the each college/university attended to Xavier's Office of Admission.

Credit will be accepted for all college-level academic courses (except co-op and life experience) in which a grade of "C" or better has been earned at institutions of higher education that are accredited by one of the accrediting associations listed below:

- Accrediting Commission for Community and Junior Colleges (ACCJC) Western Association of Schools and Colleges
- Higher Learning Commission (HLC)
- Middle States Commission on Higher Education (MSCHE)
- New England Commission of Higher Education (NECHE)
- Northwest Commission on Colleges and Universities (NWCCU)
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)
- WASC Senior College and University Commission (WSCUC)

Xavier's undergraduate colleges will accept course work successfully completed within the last ten years; credit over ten years old will not be accepted if the course in question belongs to the student's major, minor, or, in the case of business students, pertains to the "business core." Credits over ten years old which pertain to the undergraduate core curriculum or are general electives will usually be accepted.

The transfer credit, but not the grade, is recorded on the student's transcript. The grades are not computed in the student's Xavier grade-point average.

## Application of Credit to Xavier Degrees (Degree Residency Requirement)

At least one-half of the course requirements of the major or minor and the last 30 semester hours must be completed at Xavier University for all undergraduate degrees. At least 60 semester hours toward a bachelor's degree must be earned in accredited four-year institutions.

## Earning Credit for Military or Other Professional Training

Students who have completed training courses through the armed forces or other professional training programs may be eligible to receive college credit for courses completed. The Guide to the Evaluation of Educational Experience in the Armed Services, published by the American Council on Education, is used to determine what credit might be granted for military training. For courses completed through business and professional organizations, the National Guide to Educational Credit for Training Programs, published by the American Council on Education, is used to determine what credit can be granted. To request credit for military or other professional training, students must submit transcripts or certificates of completion to the Office of Admission.

## Earning Credit through Advanced Placement (AP) Examinations

Students who have successfully completed Advanced Placement courses and have taken the appropriate AP examinations may apply for college credit for this work. Xavier grants credit in a number of disciplines depending on the student's score on the appropriate AP examination. Ordinarily, a score of "4" or better in an Advanced Placement (AP) examination will earn the student an advanced placement with credit in that discipline. To see how AP exams equate to Xavier credit, see <https://www.xavier.edu/undergraduate-admission/ap-ib-and-clep-credit/index>. Students must arrange to have official test scores sent to Xavier's Office of Admission. Xavier's school code is 1965.

## Earning Credit through the College Level Examination Program (CLEP)

Xavier University participates on a limited basis in the College Level Examination Program (CLEP) of The College Board. Students should contact the Office of Admission. To see how CLEP exams equate to Xavier credit, please see <https://www.xavier.edu/undergraduate-admission/ap-ib-and-clep-credit/index>.

## Earning Credit through the International Baccalaureate (IB) Program

Students who have successfully completed International Baccalaureate (IB) courses and have taken the appropriate Higher Level examinations may apply for college credit for this work. Xavier grants credit in a number of disciplines on an individual basis for the grades of 5, 6 and 7 earned in the IB higher level examinations. Additional information is available on the web at <https://www.xavier.edu/undergraduate-admission/ap-ib-and-clep-credit/index>. Students must arrange to have official test scores sent to Xavier University. Xavier's school code is 1965.

## Graduate Academic Policies and Regulations

### General Policies

The policies listed here affect all graduate students. Some degree programs have special policies which are specified within individual program descriptions. Refer to the "registration" section of the catalog for general registration policies which affect both undergraduate students and graduate students.

Typically no more than six credit hours taken as a non-degree graduate student may apply toward a graduate degree. Exceptions may be granted at program director's discretion. Some courses and/or programs are not available to non-degree graduate students.

### Reservation of Rights

Xavier reserves the right to promulgate and modify its rules and regulations, policies, and procedures and to make changes of any nature in its program; calendar; admissions policies, procedures, and standards; degree and graduation requirements; fees; written materials, including, but not limited to, this Catalog; and academic schedule whenever necessary or desirable, including, without limitation, changes in course content and class schedule, the cancellation of scheduled classes and other academic activities, and the substitution of alternatives for scheduled classes and other academic activities.

The University will attempt to comply with the requirements published in the catalog for the year a student initially registers, provided the student continues in attendance without interruption of more than a year. In any such case, the University will give whatever notice it determines is reasonably practical.

Students who interrupt their attendance by more than a year and who later return must meet curricular requirements as determined by their dean.

### Delivery of Services

Xavier University assumes no liability for the delay or failure in providing educational or other services, programs, or facilities due to causes beyond its reasonable control. Causes include, without limitation, power failure, fire, strikes by University employees or others, damage by natural elements, and acts of public authorities. The University will, however, exert reasonable efforts, when it judges them to be appropriate, to provide comparable services, facilities, or performance; but its inability or failure to do so shall not subject the University to liability.

In the event that Xavier determines it must suspend or alter its operations in whole or in part due to epidemic, pandemic, other public health emergency, extreme weather, natural disaster, acts or threatened acts of terrorism or war, or any single act or combination of events beyond the University's control, Xavier may suspend, reduce, terminate and/or

modify its operations in whole or in part, which may or may not include offering online or other alternative learning options, in its discretion. In any such event, Xavier University is under no obligation to refund or credit any portion of tuition, fees, or other charges paid or owed, but it may do so in its discretion.

Xavier provides rigorous academic and professional programs integrated with co-curricular engagement. Even so, the quality and rate of progress of an individual's academic career and professional advancement upon completion of a degree or program are largely dependent on his or her own abilities, commitment, and effort. In many professions and occupations, there are also requirements imposed by federal and state statutes and regulatory agencies for certification or entry into a particular field. These requirements may change while a student is enrolled in a program and may vary from state to state or country to country. Although the university stands ready to help its students find out about requirements and changes in them, it is the student's responsibility to initiate the inquiry.

## Student Responsibility

It is the responsibility of the graduate student to become informed about all regulations and procedures required by the program and by the University. **In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority.** The program director should be consulted concerning requirements, deficiencies, the planning of a program, and special regulations.

Any falsification of information on the application, transcripts, recommendations (where required), or test scores will be sufficient cause for disqualification for admission or dismissal if the individual has been admitted. All tuition and fees paid and graduate credit earned are forfeited under such dismissal.

## Academic Grievances

Consistent with its mission, Xavier welcomes opinions and feedback about our policies, programs, and services in order to ensure that student rights are protected and, when necessary, to make changes that more effectively contribute to student success. The University is accountable to its students, its other constituents, and its institutional accrediting body to provide a mechanism to ensure that students have access to appropriate procedures for registering complaints when they feel that their rights have been violated.

Complaints can be made by a student or group of students alleging improper, unfair, or arbitrary treatment. A complaint may address issues of institutional or program quality such as Xavier's compliance with the standards of the Higher Learning Commission of the North Central Association of Colleges and Schools or other pertinent accrediting bodies.

Exclusions to this policy include complaints regarding grade grievances, academic honesty, non-academic misconduct, sexual violence, harassment, and discrimination, which have separate, specific policies and procedures.

Concerns or complaints about academic procedures or personnel should be filed with the appropriate unit: College of Arts and Sciences, College of Nursing, College of Professional Sciences, or the Williams College of Business. A student with a complaint that a policy or procedure has been incorrectly or unfairly applied, or a complaint against a faculty member or academic staff member's behavior, has recourse through this process.

Students should address the complaint by first discussing the matter with the staff or faculty personnel with whom the issue originated. If students are uncomfortable talking directly with the person about whom they have a complaint, they may contact the supervisor or department chair directly.

If the issue is not resolved at the staff or faculty level, the next step would be discussion about the allegation with the supervisor or the department chair. Ideally, the student should document in writing the incident that has occurred. If possible, the student should include dates, locations, context, and as much detail as possible. In addition, the student should identify the resolution they are seeking and explain in writing why they feel that the issue was not resolved directly with the staff or faculty personnel.

If the issue is not resolved at the supervisor/chair level, students should then contact the respective dean's office where the dean or their designee will investigate the issue or allegation, and render a judgment.

## Program Requirements

Specific requirements of the master's and doctoral programs are described in this catalog. Though advising services are available to assist all students, the student is responsible for following the procedures and completing the steps required for the program. Requirements of graduate programs, both procedural and substantive, may be waived only by written request of the student and/or program director concerned and must have the written approval of the dean of the appropriate college. Additional information may be found in the program fact sheets (available in the Office of The Graduate School).

At least sixty percent of course work toward a graduate degree must be courses offered for graduate credit only, i.e., numbered 500 or higher and not open to undergraduate students. The remainder must be in approved upper division courses numbered 200-499 taken for graduate credit. (Grade of "A" or "B" must be earned for credit in courses below 500 level.) All MBA coursework must be graduate level MBA courses; all MHSA, EdD and PsyD coursework must be graduate level.

## Class Attendance

Reasonable attendance at all class meetings of courses for which a student has registered is expected of students as a condition for the granting of academic credit. Lack of reasonable attendance as determined by the individual faculty member is reason for denial of credit for a course and possible course failure. Students should consult the class syllabi for current policy regarding attendance, grading procedures, etc., by individual faculty members.

## Academic Integrity

The pursuit of truth demands high standards of personal honesty. Academic and professional life requires a trust based upon integrity of the written and spoken word. Accordingly, violations of certain standards of ethical behavior will not be tolerated at Xavier University. These include cheating, plagiarism, falsification of records for academic gain, collusion, copyright infringement, or abuse of physical or intellectual property or use of generative artificial intelligence (GAI).



All work submitted for academic evaluation must be the student's own. Certainly, the activities of other scholars will influence all students. However, the direct and unattributed use of another's efforts is prohibited as is the use of any work untruthfully submitted as one's own.

Penalties for violations of this policy may include, but are not limited to, one or more of the following: a written warning, academic integrity training, a zero or an "F" for that assignment or test, an "F" in the course, university probation, suspension, or expulsion from the University. This violation is to be submitted to the dean of the college of the student's major(s), via the Academic Integrity reporting system, though the instructor has full authority to assign the grade for the assignment, test, or course; the dean has full authority to assign university-level penalties. If disputes of interpretation arise the student, faculty member, and appropriate chair/program director/school director should attempt to resolve the difficulty. If this is unsatisfactory, the dean will rule in the matter. As a final appeal, the Provost or their designee(s) will make a final determination.

## Disciplinary Action

Xavier University expects the behavior of its students on and off campus to be in accordance with the rules of conduct specified in the Code of Student Conduct and the Student Handbook. A student violating any University policy will be subject to disciplinary action, facilitated by the Office of Residence Life or Dean of Students Office). Serious cases of misconduct may result in a student's sanctions that include suspension or expulsion. Academic credits for courses in which the student is currently enrolled may be lost by a student who is suspended or expelled from the University before the end of the semester. Refer to the Student Handbook ([www.xavier.edu/handbook](http://www.xavier.edu/handbook)) for specific information regarding the student conduct process and procedures.

Disciplinary records are confidential and are maintained by the Dean of Students Office for a period of seven years, unless the student has been suspended or expelled from Xavier, in which case student conduct records may be kept indefinitely. The University may choose to notify parents of disciplinary action taken against a student in accordance with the permissible disclosures as outlined in the Student Handbook.

Academically related discipline problems will be addressed through the appropriate department chair, dean, and Provost.

Xavier University reserves the right to dismiss a student for academic misconduct if, in the judgment of University officials, such action is necessary to preserve and support the general welfare and academic experience of one or more students and/or the Xavier community. A student also may be required to withdraw for reasons of poor scholarship, failure to remove academic probation, or misconduct.

## Xavier University Institutional Review Board (IRB)

Xavier has established an Institutional Review Board (IRB) for the protection of human subjects participating in research conducted by or on students, faculty or staff of the University. This includes research performed at Xavier under contractual arrangements with outside research organizations. In these cases, such contracts are subject to review and the research protocol portion of the contract is subject to Xavier IRB review.

The Xavier IRB is guided by the ethical principles set forth by the National Commission for the Protection of Human Subjects of Biomedical and Behavioral Research in Ethical Principles and Guidelines for the Protection of Human Subjects of Research: The Belmont Report. In addition, the IRB attempts to insure compliance with the requirements set forth in Title 45, Part 46 of the Code of Federal Regulations.

## Xavier University Professional Review Board (PRB)

A number of programs offered by the University qualify graduates to stand for certificates to practice professions involving vulnerable individuals (children and persons who are mentally or physically ill or challenged). Besides having academic knowledge and skills, they must also have the capacity to serve and help their future clients through intimate human contact.

When a student is found by their program or department to lack interpersonal skills necessary for activity as a professional, this Review Board, made up of certified, practicing professionals, serves as the student's appeal source. Instructors may also appeal to the Board if they are dissatisfied with their department's or program's lack of concern about an individual student's behavior.

### Enrollment

## Classification and Enrollment Status of Graduate Students

- Full-time Status:
  - 9 hours or more
- Part-time Statuses:
  - Three Quarters time: 6 to 8.99
  - Half time: 4.5 to 5.99
  - Less than Half time: 4.49 and below

DNP, Ed.D, and MSN

- Full-time Status:
  - 6 hours or more
- Part-time Statuses:
  - Three Quarters time: 4.5 to 5.99
  - Half time: 3.00 to 4.49
  - Less than Half time: 2.99 and below

## Course Numbering

Courses are numbered in the following way:

100 to 199 - undergraduate lower division courses, for undergraduate credit only.

200 to 499 - undergraduate upper division courses; selected courses are open to graduate students for graduate credit. Some degree programs in the College of Arts and Sciences and the College of Professional Sciences accept none or a limited number of such courses. The graduate program in the Williams College of Business and the graduate MHSA program in Health Services Administration accept no undergraduate level courses for graduate credit.

500 and above - graduate level courses for graduate credit only; open to graduate students only.

## Credit Hours, Semester

At Xavier University, the number of credit hours awarded depends on the course workload and overall contact with the subject matter, including the amount of direct instruction and the amount of student study/preparation time. A semester course typically requires two units of student study/preparation time for every one unit of direct instruction. Credit hour minimums are the same for both the undergraduate and graduate level. Actual hours of course work may exceed these minimums to ensure students meet course student learning outcomes.

A **direct instruction hour** consists of 50 minutes of formalized faculty-directed instruction presented to students, either in a synchronous or asynchronous format.

A **study or preparation hour** consists of 50 minutes of independent work, outside-of-class study, or preparation coursework that the typical student is expected to complete. Examples include, but are not limited to, reading assignments, working out problems, preparing for exams, completing online and face-to-face group work, writing papers, and working on a project.

A **semester credit hour** is the amount of credit awarded for successful completion of a total of 2250 minutes of course work comprised of faculty-directed instruction and independent student work. For example, one semester credit hour of traditional face-to-face lecture courses represents 750 minutes of direct instruction supplemented by a minimum of 1500 minutes of student independent study or preparation. An equivalent amount of time and work is required for shorter semesters or course duration.

The ratio of direct instruction to independent student work may differ by modality of instruction, but all courses require a **minimum of 2,250 total minutes of student work per credit hour** (e.g., 750 minutes of direct instruction plus 1,500 minutes of study/preparation time). A three credit-hour course requires a minimum of 6,750 minutes of interaction with the subject matter, including both direct instruction and independent student work.

Xavier University includes a week of final exams as part of the required minutes for full-term courses. A laboratory course that meets for two or three class hours weekly over the course of a full term is considered equivalent to one credit hour. Fully online courses include the same credit hour minimums as face-to-face courses. The credit hours for work in internships, practica, and student teaching vary. Class and study time may exceed these minimums to ensure students meet course student-learning outcomes.

The standard number of credit hours which each course carries is provided in the course description section of this catalog. The courses are listed in numerical order within the sections for the various academic departments.

Faculty are responsible for ensuring that overall credit-hour minimums are met for each of the courses they teach, including the make-up of any unanticipated class cancellations that occur due to weather or other extenuating circumstances. Faculty may use alternative activities or assignments to make up missed class time. It is general practice for faculty to notify their chairs when a class session is cancelled.

## Excess Credit Hour Course Load

The following maximum course loads may only be exceeded with permission from the student's dean even if the additional hours are to be taken for audit. Excess hours carry additional fees, unless departmental policy requires the excess.

1. Fall, Spring, or Summer - 15 hours  
Special courses such as workshops, institutes, tutorials, independent study, and courses graded on a satisfactory/unsatisfactory basis are available and may be applied toward a graduate degree. However, a student's degree program may not include more than six semester hours of such special course work.
2. Certain programs and degrees (Ex: The Doctor of Psychology and Master of Occupational Therapy) may apply more than six semester hours of courses graded on a satisfactory/unsatisfactory scale, based on program requirements and approval from the Department Chair.

## Prerequisites

When selecting courses, students must adhere to required prerequisites and special course restrictions established by the colleges and academic departments. Prerequisites must be passed with the minimum acceptable grade before subsequent courses may be taken.

## Auditing Courses

Any graduate student wishing to audit a course may do so. An audited course does not carry credit or earn a grade. The credit hours of an audited course do not count towards the student's enrollment status for financial aid purposes. Regular tuition rates apply. If audit requirements are not met, a "W" grade may be assigned. Psychology courses, Doctoral courses in Leadership Studies, and MS in Human Resource Development courses may not be audited.

**Grading and Academic Standing**

## Graduate Grading System

A = Exceptional  
A-  
B+  
B = Good\*  
B-  
C+  
C = Minimal\*\*  
F = Failure

VF = Failure to officially withdraw  
W = Official withdrawal  
M = Incomplete (prior to Fall 2019), changed when grade is assigned. (see "[Incomplete Work](#)")  
E = Graduate Extension, changed when grade is assigned.  
IP = In Progress, changed when grade is assigned  
AU = Audit - no credit or grade earned (see "[Auditing Courses](#)")  
S = Passing/Satisfactory, credit earned  
U = Not passing/Unsatisfactory, no credit earned  
NC = No credit earned, non-graded course

\* minimum grade for graduate credit in courses below 500 level

\*\* minimum grade for credit in courses 500 level and above

No grade change can be made later than the 15th calendar day after the beginning of the next academic semester (fall or spring) except in the case of a completed Incomplete, Graduate Extension or In Progress grade or a resolved Grade Grievance. "S"/"U" grades are given in certain pass/fail courses, in place of letter grades. The grade of "S" does not equate with letter grades and is transferable to other universities only upon their approval.

## Quality Points

The quality point is the unit used to measure student achievement in a course. The number of quality points received for any course is equal to the number of points attached to the grade received multiplied by the number of quality hours yielded by the course. Quality points are computed as follows:

A = 4.00 quality points per credit hour  
A- = 3.67 quality points per credit hour  
B+ = 3.33 quality points per credit hour  
B = 3.00 quality points per credit hour  
B- = 2.67 quality points per credit hour

C+ = 2.33 quality points per credit hour  
C = 2.00 quality points per credit hour  
F = 0.00 quality points per credit hour  
VF = 0.00 quality points per credit hour  
U = 0.00 quality points per credit hour

The student's term grade point average (GPA) is computed by dividing the total number of quality points by the total number of quality hours in that term. "W", "M", "AU", "S", "E", "IP" and "NC" grades are not calculated into quality points, nor quality hours and therefore do not affect the GPA. The cumulative GPA is based on all terms at Xavier.

The semester hours in courses in which an "S" grade is earned will count toward the University's minimum requirement of 30 semester hours for graduation with a master's degree. However, if the grade earned is "U" (Unsatisfactory), both the credit hours and the quality points are computed into the student's cumulative grade point average.

## Incomplete Work

Grades of "IP" (In Progress) indicate that the student is continuing a long-term project related to the course, and should only be used when such continuation is the expectation of the program (e.g., for long-term research such as a dissertation, or a year-long field-based training experience). The grade "IP" does not count toward the GPA. The faculty member or department head initiates the grade change process once the work is completed.

Grades of "E" (Graduate Extension) may be granted only rarely and only for serious reasons. If an extension is granted, the grade of "E" will be assigned. The grade "E" does not count toward the GPA. Unless the work is completed and submitted by the last day of the subsequent semester (Fall incomplete = last day of Spring Semester; Spring incomplete = last day of final Summer Semester; Summer incomplete = last day of Fall Semester), the student will fail the course and the "E" will be permanently changed to an "F." Exceptions to this policy must be approved in writing by the appropriate dean prior to the last day of the subsequent semester. The faculty member initiates the grade change process once the student has made up the incomplete work.

If the student is deferred for graduation due to a grade of 'IP' or 'E', he or she may be eligible for the original date of graduation. Work must be completed, graded, and recorded within thirty calendar days of that term's graduation date.

## Student Progress

Candidates for the master's degree who fail to complete all requirements within six years after enrolling must apply for reactivation. Candidates for the doctoral degree in psychology who fail to complete all requirements within eight years after enrolling must apply for reactivation. Students have nine years to complete the Doctor of Education (Ed.D.) in Leadership Studies program, with a possible one-year extension upon approval of the Dean of the College of Professional Sciences. Certain programs may impose shorter progress requirements. A petition must be submitted to the appropriate college dean before proceeding. Reactivated students are held to program requirements in place at the time of reactivation. The dean of the college may impose certain stipulations as a condition for reactivation.

## Graduate Reactivation

A graduate student who previously attended Xavier and has not been registered for one full academic year must complete a Reactivation Form before attempting to register for classes again and continuing in the course of study. Applicants who want credit for coursework taken at another university during their absence from Xavier must submit an official transcript to their respective program director for credit review. See the entry Transfer Students below for time limitations on the acceptance of coursework. Students are reactivated under the current catalog year, unless an exception is made by the dean.

Students suspended from Xavier or from other institutions for poor academic performance will not be eligible for reactivation before the lapse of at least one fall or spring semester. In all cases, reactivation and the conditions for such will be determined by the dean of the appropriate college which issued the suspension. All prior financial obligations must be settled with the Office of the Bursar prior to reactivation, and the student must be in good standing with the Division of Student Affairs.

# Academic Standing

Actions regarding academic warning, academic dismissal, and academic reactivation will be noted on the student's permanent academic record.

## Academic Warning

A student whose cumulative GPA falls below 2.800 in courses taken for graduate credit will be "WARNED." The dean will send this warning to the student and will also send a statement of dismissal policy. Such notification will be sent at the end of each semester so long as the student remains in this status. Some programs require a minimum of 3.000.

## Academic Dismissal

Any student whose cumulative GPA is below 2.800 in courses taken for graduate credit and whose next semester graduate course GPA is also below 2.800 is subject to dismissal from that program. Some programs require a minimum of 3.000. Consult the program director for information.

Any student who earns two unsatisfactory grades ("C" or lower) in courses numbered below 500; or "F" in courses numbered 500 or above) is subject to dismissal from that program. Xavier University reserves the right to dismiss a student for reasons of poor scholarship, academic fraud, or misconduct. Actions regarding Academic Dismissal will be noted on the student's academic record.

## Non-academic Dismissal

Xavier University reserves the right to dismiss a student if, in the judgment of University officials, such action would be in the physical, mental, emotional, or moral best interests of the student or is considered necessary for the welfare of the University.

## Grade Grievance Procedure

**This policy applies to both graduate and undergraduate students.**

Students may appeal final grades if they believe that the grade was awarded unfairly. The student is responsible for the burden of proof, and must be able to provide some evidence of the lack of fair treatment in order to file a formal grievance. The following procedure must be followed when filing such an appeal.

The instructor is obligated to participate in the grade grievance process. If the instructor does not participate, the chair and/or dean will proceed without the instructor.

1. The student shall indicate in writing to the chair of the appropriate academic department that he/she is appealing the grade. This notification must be submitted in person or postmarked by February 1 for fall grades, June 15 for spring grades, and September 1 for summer grades.
2. The student shall meet with the instructor to try to resolve the grade dispute before February 15 for fall grades and before September 15 for spring and summer grades.
3. If a resolution is not reached and the student still believes that the grievance has merit, the student shall submit a request in writing to the department chair for a meeting with the chair and the instructor. This request should indicate when the meeting with the instructor was held and its outcome; explain exactly how the instructor's action was unfair; and be received by the department chair by March 1 for fall grades and October 1 for spring and summer grades. The student then meets with the department chair and instructor to try to resolve the dispute at this level.
4. If a resolution is not reached and the student wishes to pursue the grievance, he/she shall submit the statement from step #3, along with all evidence and documentation which supports the allegation, to the dean of the appropriate college. This should be done within five working days after meeting with the department chair and the instructor.
5. The dean shall convene a committee, composed of him/herself, three faculty members and two students, to conduct a hearing on the grievance. Two of the faculty members shall be from within the college and one from outside the college in which the instructor is located, and all shall be appointed by the dean. The two students shall have the same status as the grieving student (either graduate or undergraduate). If undergraduate, they shall come from a pool of 4-6 students appointed by the president of student government. One student shall be from within the college in which the grieving student is enrolled, and one shall be from outside the college. The dean shall choose the two students from the pool. If graduate, the dean shall meet with the appropriate graduate student organizations from the colleges to select the two students to sit on this committee.
6. The committee shall hold a hearing chaired by the dean. The instructor and the student shall be present and each shall be allowed an advisor (from within the University community) and shall be permitted to present witnesses. The committee, advisors, instructor and student shall all have the right to question the witnesses. The committee shall deliberate in closed session, and must present its decision in writing to the student and the instructor within five working days after the decision is reached. If the committee's decision is that the grade given was inappropriate, the academic vice president shall authorize the registrar in writing to change the grade.
7. The decision of the committee is final unless new evidence or new witnesses not previously considered or heard at the hearing become available. The student must submit this new evidence to the academic vice president within ten working days following the receipt of the committee's decision and must indicate precisely how this evidence or testimony relates directly to the alleged unfair awarding of the disputed grade.
8. The decision of the academic vice president is final. There is no further appeal.

## Graduation

## Minimum Grade Point Average to Graduate

The minimum grade point average required for graduation from all graduate degree programs is as follows. In addition, two unsatisfactory grades, as stated in the Academic Dismissal section, shall be grounds for dismissal.

| <b>College of Arts &amp; Sciences</b> | <b>GPA</b> |
|---------------------------------------|------------|
| MA English Education                  | 3.000      |
| MA History Education                  | 3.000      |
| MA Theology                           | 2.800      |

| <b>College of Nursing</b> | <b>GPA</b> |
|---------------------------|------------|
| DNP                       | 3.000      |
| MSN                       | 3.000      |

| <b>College of Professional Sciences</b> | <b>GPA</b> |
|---|------------|
| EdD Leadership Studies                  | 3.000      |
| MA Clinical Mental Health Counseling    | 3.000      |
| MA Psychology                           | 3.000      |
| MA School Counseling                    | 3.000      |
| MEd                                     | 2.800      |
| MHSA                                    | 3.000      |
| MS Athletic Training                    | 3.000      |
| MS Criminal Justice                     | 2.800      |
| MS HECOR                                | 3.000      |
| MS Special Education                    | 2.800      |
| OTD                                     | 3.000      |
| PsyD Psychology                         | 3.000      |

| <b>Williams College of Business</b> | <b>GPA</b> |
|-------------------------------------|------------|
| MBA & EMBA                          | 3.000      |
| MS Accountancy                      | 3.000      |
| MS Customer Analytics               | 3.000      |

## **Application for Degree and Graduation**

Students initiate the process of graduation by completing a Graduation Application. The online graduation application is available through the Self Service link in the Xavier Student Hub. It is recommended that the student meet with the academic advisor or program director before registering for the final term of work to ensure that all degree requirements will have been met by the end of that term. Utilize the Degree Works evaluation available online to assist you with your graduation check out.

The student must submit a Graduation Application form to the Office of the Registrar before the deadline published in the Academic Calendar. The graduation fee will be added to the student's Bursar account, and an additional fee will be incurred for applications received after the deadline. If the requirements for the degree are not completed at the time specified on the application, the student must submit a new Graduation Application form. The graduation fee is a onetime, non-refundable charge, per each degree awarded.

Degrees are granted three times each year: in August for those completing programs during the summer, in December for those completing programs in the fall semester, and in May for those completing programs during the spring semester. Commencement exercises are held each May for graduates from the entire previous academic year.

Students whose degree requirements are completed, graded, and recorded within thirty calendar days of that term's graduation date may receive a diploma dated for that term.

Students must have satisfied all financial obligations to the University before the diploma or academic transcript can be released.

## Multiple Master's Degrees

A student may earn from Xavier University only one graduate degree of the same type, e.g., MBA or MHSA, although more than one Master of Arts or Master of Science degree may be obtained in more than one subject or field. An additional MEd degree may be earned in addition to an already earned MEd in Sport Administration, Coaching Education and Athlete Development, Human Resource Development or Counseling. There may not be any overlap in courses used for multiple master's degrees. If two programs require a common course, a substitute must be approved for one of the degree programs. (Note that exceptions to this rule may be a part of the design of dual-degree programs.)

## Comprehensive Examinations

Comprehensive examination requirements vary according to each program and are found in the program descriptions in this catalog. A student who fails the comprehensive examination may appeal to the program director to repeat the examination during a subsequent term (only one examination attempt is permitted during the summer). A second failure will result in dismissal from the program.

## Thesis/Dissertation

Thesis/dissertation requirements vary according to program and are found in the program descriptions in this catalog. The thesis/dissertation required for a degree should embody the results of the applicant's research in some problem of the major subject, and must at each stage be under the direction of an appropriate faculty member appointed by the chair.

### External Courses

## Courses Taken at Other Institutions

Graduate credit for a degree completed at another university is not transferable toward a graduate degree at Xavier once the student has begun a graduate program at Xavier. Exceptions to this policy may be made when:

1. A student is permanently transferred to another city by family obligations.
2. A student is specifically directed by the program director, chair or dean to take a course not available at Xavier.
3. Up to six semester hours of graduate course work obtained in the Greater Cincinnati Consortium of Colleges and Universities may be applied to a master's degree taken at Xavier, with the advanced written permission of the program director or dean. As a matter of policy, the official academic record lists only those graduate courses from other universities which apply toward an advanced degree or pertain to certification.

## Registration Policies and Procedures

## Student Self Service

Student Services within the Self Service channel of the Xavier Student Hub ([www.xavier.edu/students](http://www.xavier.edu/students)) is a secure website that is available to all students to access their registration information. During designated times students may register for classes and make class schedule changes on-line. Other on-line services include viewing and printing class schedules, grades, and academic history.

## Schedule of Classes

The Schedule of Classes is prepared by the Office of the Registrar and lists course offerings, assigned dates, times, and instructors. It is available on-line through either the Xavier Student Hub or at [www.xavier.edu/registrar](http://www.xavier.edu/registrar). The on-line version is updated in real time and provides the most current Schedule of Classes information.

## Selection of Courses and Course Loads

The choice of courses and the total number of credit hours in a student's program of studies each term are subject to restrictions deemed necessary by the college dean or academic advisor. When selecting courses, students must adhere to required prerequisites and special course restrictions established by the colleges and academic departments.

The following are the maximum full-time course loads for undergraduate and graduate students. Permission to exceed these maximums, even if the additional hours are to be taken for audit, must be obtained from the college dean.

## Undergraduate Student Maximum

Fall or spring - 18 hours

Summer - 7 hours each session, not to exceed 14 hours for the entire summer.

## Graduate Student Maximum

Fall, Spring, or Summer - 15 hours

## Academic Advising

Undergraduate academic advising assists students in their pursuit of educational plans and programs which will aid them in fulfilling their major or degree requirements and/or prepare them for a career. Academic advising is available for students in all three colleges: College of Arts and Sciences, College of Professional Sciences, and the Williams College of Business. Exploratory students, Biomedical Sciences and Biology freshmen in the College of Arts and Sciences are advised by academic advisors in the Academic Advising Center located on the fifth floor of Conaton Learning Commons, 515 A-E. Undeclared students in the Williams College of Business are advised by designated academic advisors in that college. Students with declared majors in all colleges are advised by department chairs or designated faculty advisors in the departments of the college. Adult students are advised through the APEX office or through their academic department.

## Degree Evaluation Report

A Degree Evaluation report using the software called "Degree Works" shows a student's completed coursework and current registration matched with degree requirements of his/her declared major; it also identifies deficiencies and lists courses to satisfy requirements.

Students may access an evaluation report via Self Service of the Xavier Student Hub. The report also assists students' advisors and the University in determining progress toward completion of program requirements and as a graduation check.

## Registration

### Priority Registration

Priority registration for a semester occurs midway through the previous semester and gives currently enrolled students the opportunity to enroll early in desired classes. In order to participate in priority registration, undergraduate students must first meet with their advisor. No payment for tuition and fees is required during priority registration. Billing statements are available to students after priority registration ends. Payment due must be submitted approximately four weeks before the beginning of the next semester.

### Open Registration

Open registration occurs after priority registration, and is open to any student.

### Formal Registration

Formal registration occurs within the week preceding the beginning of a semester for students who did not participate in priority registration or open registration, or who did not complete payment obligations. Dates for formal registration can be found in the University calendar in this catalog or at [www.xavier.edu/registrar](http://www.xavier.edu/registrar).

### Late Registration

Late registration begins the first calendar day of the semester and ends on the seventh calendar day of the semester for full-term classes. Registration is not permitted after the seventh calendar day of the semester. See [www.xavier.edu/registrar](http://www.xavier.edu/registrar) for late registration dates for other sessions.

## Registration Methods

- Registration materials may be obtained in-person at the Office of the Registrar, can be mailed to the student upon request or can be obtained on-line at [www.xavier.edu/registrar](http://www.xavier.edu/registrar).
- In-person - Students present completed registration forms to the Office of the Registrar. In fall and spring, advisor signatures are required on undergraduate registration forms.

- Mail-in/Fax - see above.
- On-line - Students may register on-line via the Xavier Student Hub [www.xavier.edu/students](http://www.xavier.edu/students)

## Schedule Adjustment

### **Class Add/Drops for all students for Fall and Spring Term. For Summer, please consult the academic calendar.**

Once a student has registered for a term, to add or drop classes he/she must process a drop/add request using a method described above as follows:

### **Full Term Classes:**

#### **Adding a Class**

Classes can be added through the first seven calendar days of the term.

#### **Dropping a Class**

Classes can be dropped through the first seven calendar days of the term without a grade appearing on the student's academic record. Undergraduate students receive a grade of "W" for classes dropped from the eighth calendar day of the term through approximately 80% of the term. For graduate students, a "W" occurs if a class is dropped from the eighth calendar day of the term through the last day of classes. See the Academic Calendar or [www.xavier.edu/registrar](http://www.xavier.edu/registrar) for specific dates and policies.

### **Short Term Classes:**

#### **Adding a Class**

Classes can be added through the first three days of the term.

#### **Dropping a Class**

Classes can be dropped through the first seven calendar days of the term without a grade appearing on the student's academic record. Students will receive a grade of "W" for classes dropped from the seventh calendar day through approximately 80% of the short term. See the Academic Calendar or [www.xavier.edu/registrar](http://www.xavier.edu/registrar) for specific dates.

The Office of the Bursar adjusts the student's financial account based on the add-drop activity. Advisor's signatures are not required to change sections through the schedule adjustment period.

## Special Registration Conditions

Students taking courses as audit or as repeated courses are responsible for obtaining and completing the proper forms to identify such courses at the time of registration, during schedule adjustment, or during late registration.

### **Auditing Courses**

Anyone wishing to audit a course may do so. An audited course does not carry credit or earn a grade. No one may change from credit status to audit status or from audit status to credit status after the seventh calendar day of the term. Regular tuition rates apply. A grade of "W" may be awarded by the instructor if the student does not fulfill class obligations, or stops attending.

### **Repetition of Courses (Repeat Policy)**

Students need to initiate this process. A course previously taken for credit may be repeated up to two additional times, including any withdrawals. The credit hours of the repeated course are counted only once. While all grades are entered on the student's official academic record, and appears on a student's transcript only the most recent grade counts in the student's grade point average, even if it is the lowest. Academic bankruptcy does not eliminate the term's courses from counting as repeated courses.



## Undergraduate

Some courses may not be repeated:

1. MATH 105, MATH 120, and MATH 150 may not be repeated after successful completion of a more advanced math course.
2. An elementary or intermediate foreign language course may not be repeated after successful completion of a more advanced course in the same language.

## Graduate

Courses completed in a student's undergraduate program or in another graduate program cannot be repeated for graduate credit. Courses applied to another degree, either at Xavier or another institution, may not be applied to any master's degree at Xavier.

## Satisfactory/Unsatisfactory

Satisfactory/Unsatisfactory (S/U) grading is only available in certain courses. Letter grades cannot be given in these courses. The semester hours in courses taken on a S/U basis will count toward the University's minimum semester hour requirement of 120 for graduation if they are passed successfully. Neither the course hours nor any quality points are computed into the student's grade point average if the grade is "Satisfactory." However, if the grade is "Unsatisfactory," both the credit hours and the earned quality points are computed into the student's cumulative grade point average.

## Withdrawal from the University during an Academic Term

A student who wishes to withdraw from all classes during a term (even if only registered for one course) must do the following:

1. Notify the appropriate college dean in person or in writing;
2. Obtain authorization from the dean by completing a withdrawal form;
3. Submit the form to the Office of the Registrar;
4. If a campus resident, notify the Office of Residence Life.

A student is considered to be enrolled until officially withdrawn. Failure to withdraw officially from the University will result in grades of "VF" for all courses. Once a semester begins, withdrawal from the University is recorded as an "Official Withdrawal" on the student's academic record.

A student who wishes to withdraw from the University between semesters is not required to withdraw formally but is encouraged to contact his/her academic advisor or dean about the decision.

## Academic Record/Transcript

The transcript is the official academic record for all Xavier University students. Official copies must be obtained from the Office of the Registrar.

Transcript orders must be made in writing (in person or mail-in) or online through the [National Student Clearinghouse](#) and signed by the student. The request should include the student's current name, phone number, all previous names, ID number or Social Security Number, dates of attendance, major or concentration and any degrees received. The request should also include the student's current address, the number of copies needed and the complete address(es) to which the transcripts should be sent. The proper fee must be included with the request, and all obligations to the University must be met before transcripts may be issued.

Transcript information is available on-line at [www.xavier.edu/registrar](http://www.xavier.edu/registrar).

## National Student Clearinghouse (NSC)

Xavier University is in partnership with the National Student Clearinghouse (NSC). NSC is responsible for processing student loan deferment forms for the following programs: Subsidized Stafford Loan, Unsubsidized Stafford Loan and Parent Loan for Undergraduate Students (PLUS). More information on NSC can be found at [www.studentclearinghouse.org](http://www.studentclearinghouse.org). Since NSC is Xavier University's legally designated agent, primary responsibility for loan deferment processing is with NSC. Please contact the Office of the Registrar for additional assistance or information.

## Privacy Rights

[Return to Policies and Procedures](#)

The Family Educational Rights and Privacy Act (FERPA) of 1974 as amended details the access of student records held and maintained by educational institutions. The law further requires that parents or eligible students be notified of the types of records held and officials responsible for such records.

Parents have the right of access, review and challenge for elementary and secondary students (under the age of 18). The student assumes the rights of the parents at age 18 or upon attendance at a post-secondary institution. However, if the student is considered dependent (according to the 1954 Internal Revenue Code), both the student and parents have access rights. A student's records will be released to parents only after receipt of reasonable proof of dependency.

Pursuant to Section 99.13, students have the right of access to all educational records except those specifically excluded under the amendments to the Privacy Act. The following materials are specifically exempted from access by students: (1) Personal notes of teachers and administrators, provided these notes are not available to a third party other than a teacher's substitute; (2) Law Enforcement Records, to include those of the campus police force; (3) Medical, psychological and counseling records. The privacy of student medical records is protected by Ohio law and they are not available to anyone except those providing the treatment. These records are excluded from FERPA as long as they are used only for treatment and are not used for educational purposes. Student medical and counseling records are also excluded from the provisions of the Health Insurance Portability and Accountability Act (HIPAA).

In addition to the above excepted information, students may not inspect financial information submitted by their parents, nor may they inspect confidential letters of reference placed in the file prior to January 1, 1975.

The student does have the right of access upon request to all other educational records and files which are directly related to the student with proper identification. This includes all admissions records, registration files, financial aid materials (excluding financial information submitted by their parents as mentioned above), housing files, discipline records and any athletic records.

University employees who have an "educational need to know" and others with the expressed consent of the student also have the right of access to a student's records. In compliance with Section 99.5 of the Family Educational Rights and Privacy Act of 1974, the following information is published for all students at Xavier University.

## Types of Records and Officials Responsible for Maintenance of Records

Requests for the following records should be directed to the appropriate office at Xavier University, 3800 Victory Parkway, Cincinnati, Ohio 45207-1092.

| Record                         | Title of Official                                      |
|--------------------------------|--|
| Undergraduate Admissions       | Director of Admissions                                 |
| Graduate Admissions            | Office of Graduate Services                            |
|                                | Assistant Director, Psychology                         |
|                                | Director, MBA program                                  |
|                                | Director, Executive MBA program                        |
| I-20, Visa, Immigration Papers | International Student Services                         |
| Academic Records               | University Registrar                                   |
| Alumni                         | Alumni Relations Director                              |
| Discipline                     | Office of Vice Provost for Student Life and Leadership |
| Housing                        | Director of Residence Life                             |
| Financial Aid                  | Director of Financial Aid                              |
| Health/Medical                 | Director, McGrath Health & Wellness Center             |
| Psychological Counseling       | Director, Psychological Services Center                |
| Teacher Education              | Chair, Department of Education                         |

## Procedures for Challenging Content of Records

Upon request, students may challenge the content of their education records through a hearing on the ground that the information contained in the education records is inaccurate, misleading, or in violation of the privacy rights of the student. Student requests for a hearing must be made in writing the Office of the Registrar. Within a reasonable period of time after receiving such requests, the Registrar or designee will inform the student of the date, place and time of the hearing. The student has the right to present evidence that the challenged material is inaccurate, misleading, or in violation of the privacy rights of the student. Students should specifically request the desired correction or deletion of the material. Decisions rendered at the hearing will be final, and will be based on the evidence collected prior to and presented at the hearing, which could include information gained by the Registrar by consulting with other University departments. The Registrar will summarize the evidence, state the decision (whether the record is amended), and state the reasons for the decision. This written report will be delivered to all parties concerned.

In the event the education record is not amended, the student shall have the right to place a statement in the record commenting on the contested information in the record or stating why they disagree with the decision of the University. If such a statement is placed in the education record, the University shall: 1) maintain the statement with the contested education record for as long as the record is maintained and 2) disclose the statement whenever Xavier discloses the portion of the record to which the statement relates.

## Cost of Reproducing Files

Students have a right to request and receive copies of all accessible materials with certain exceptions, e.g., a copy of the official academic record for which a financial "hold" exists. The cost of reproduction shall be borne by the requesting party, and shall not exceed the cost to the institution. The current charge for photocopying must be paid per page, per copy. The current charge for transcripts must be paid for a complete copy of the academic record.

## Directory Information

The Family Educational Rights and Privacy Act (FERPA) permits the public release of what is termed "directory information." For Xavier University's purposes, this information includes the following: the student's name, all addresses (including email) and telephone listings, date and place of birth, any photographs including All Card photo, major field of study, number of hours registered and full or part-time status, class standing (freshman, sophomore, junior, senior, graduate), participation in officially recognized activities and

sports, weight and height of members of athletic teams, dates of attendance, degrees awarded and total hours earned, special honors and awards, and the most recent previous educational agency or institution attended by the student.

A request for nondisclosure of the "directory information" must be filed with the Office of the Registrar, and will be honored by the institution until the student asks to have it removed, whether or not the student is currently registered. Upon the death of a student, all privacy holds are removed.

## Title IX

Title IX is the federal civil rights law that prohibits discrimination based on sex in all federally funded education programs and activities. In compliance with Title IX, Xavier University does not discriminate based on sex in any education or activity, including admission and employment. Sex discrimination includes sexual harassment, sexual assault, dating violence, domestic violence, stalking, harassment or discrimination based on pregnancy, parenting, sexual orientation and/or gender identity. **Xavier University does not tolerate sex discrimination.** If a student or employee believes they have experienced sex discrimination or has questions about Title IX, please contact Xavier's Title IX and Interpersonal Violence Response Coordinator Kate Lawson at 332B Gallagher Student Center, 3800 Victory Parkway, Cincinnati, OH 45207, 513-745-3046, [lawsonk1@xavier.edu](mailto:lawsonk1@xavier.edu) or the Assistant Secretary for Civil Rights at U.S. Dept. of Education, Office for Civil Rights, 400 Maryland Ave., SW, Washington, DC 20202, 800-421-3481, [OCR@ed.gov](mailto:OCR@ed.gov). For free, confidential advocacy and support, contact Xavier's [Campus Advocacy Coordinator](#) at 513-904-9013.

## Requirements for Degrees, Majors, Minors, and Certificates

### Requirements for Bachelor's Degrees

Meeting the degree requirements is the student's responsibility.

Candidates that will have a bachelor's degree awarded must have:

1. completed all the requirements listed under the "Core Curriculum;"
2. attained a 2.000 average in the course work of the major. BSBA students must also complete the business core with a 2.000 average; some programs have a higher GPA requirement;
3. attained a cumulative grade point average of 2.000 or better;
4. earned at least 120 semester credit hours;
5. completed the last 30 credit hours at Xavier, excluding consortium courses, unless waived by a college dean;
6. transferred, normally, no more than 15 credit hours from another college or university toward a degree after matriculation at Xavier;
7. filed a formal graduation application by the deadline published for each semester;
8. completed all departmental requirements in the major field and all requirements of their college;
9. cleared all financial obligations with the University before the diploma and transcripts can be released.

In addition to the above, transfer students must have:

1. completed at least 60 credit hours in accredited four-year schools;
2. completed at least one-half of the course requirements of the major at Xavier;
3. if applicable, completed at least one-half of the business core at Xavier.

These requirements are contained in the student's "Degree Evaluation", which is a degree progress tracking tool.

### Requirements for a Second Bachelor's Degree

Students who have a bachelor's degree from Xavier University or another institution of higher education that is accredited by one of the following accrediting associations, may earn a second bachelor's degree at Xavier.

1. MSA - Middle States Association of Colleges and Schools Commission on Higher Education
2. HLC - Higher Learning Commission
3. NEASC-New England Association of Schools and Colleges
4. NWCCU-Northwest Commission on Colleges and Universities
5. SACS-Southern Association of Colleges and Schools Commission on Colleges
6. WASC-Western Association of Schools and Colleges

Xavier students may pursue a second Bachelor degree after the completion of their first degree or simultaneously with their first degree. When the first degree is from another accredited institution of higher education, credits applied toward the first degree will be accepted as transfer credit toward the second degree.

Students pursuing two Bachelor degrees from Xavier University must complete a minimum of 30 additional hours beyond those required for the first degree, for a minimum total of 150 credit hours. In addition, at least 15 hours of the 30 additional hours must be in the second major.

If the second degree is a business degree, at least one-half of the business core must be completed at Xavier and present catalog requirements in business must be met.

Students must meet all current Xavier core, quality point and grade requirements set by the University, college(s) and major department(s).

### Requirements for an Associate's Degree

Meeting degree requirements is the student's responsibility.

Candidates for associate degrees must have:

1. completed the appropriate requirements listed under the "Core Curriculum - Associate's Degree;
2. attained a 2.000 average in the course work of the concentration;
3. attained a cumulative grade point average of 2.000;
4. earned at least 60 hours;
5. completed the last 30 hours at Xavier, excluding consortium courses, unless waived by college dean;
6. transferred, normally, no more than 9 hours from another college or university toward a degree after matriculation at Xavier;
7. filed a formal graduation application by the deadline published for each semester;
8. completed all departmental requirements in the concentration field & all requirements of the college;
9. cleared all financial obligations to the University before the diploma and transcripts can be released.

In addition to the above, transfer students must have:

- completed at least one-half of the course requirements of the major at Xavier.

## Requirements for the Major

An undergraduate student must declare a major and complete all the requirements of the degree program, including the major. The requirements for each major are specifically defined, and a minimum 2.000 average in the course work of the major must be attained (some majors require a higher average). Each major is noted on the student's permanent academic record, but only one degree is conferred, namely the one that corresponds to the student's primary major. The student must complete the core curriculum requirements of the primary major. The core curriculum requirements of the secondary major need not be completed unless a business major is elected as the secondary major. In this case, the requirements of the "business core" must also be met. Regardless of hours counted for more than one major, associate degrees require a minimum of 60 semester credit hours and baccalaureate degrees require a minimum of 120 semester credit hours.

## Requirements for a Minor

Undergraduate students may select a minor or minors in addition to a major.

Guidelines for minors are as follows:

- must contain a minimum of 15 credit hours (each minor is specifically defined);
- at least half of the credit hours of a minor must come from upper division (200-499) courses;
- at least half of the course requirements of a minor must be completed at Xavier;
- a student must attain a 2.000 average (or higher for some minors) in the course work of the minor;
- a student must declare a minor with the appropriate department and the student's college;
- all requirements of the minor(s) must be completed at the time of conferral of the degree
- successful completion of the minor will be noted on the student's academic transcript.

## Requirements for Master's and Doctoral Degrees

Meeting the degree requirements is the student's responsibility.

Candidates that will have a Master's or Doctoral degree awarded must have:

1. Attained the minimum GPA for the specific graduate degree program. See "Minimum Grade Point Average to Graduate" in the Graduate Academic Policies and Regulations
2. Completed all credit hours required for the program. The minimum number of credit hours for any Master's degree is 30 semester credit hours; Students should refer to their individual program requirements for the minimum number of hours required for their specific program
3. Completed all requirements within the specified time allowed. See "Student Progress" in the Graduate Academic Policies and Regulations
4. A student's degree program may not include more than six semester hours of course work graded on a satisfactory/unsatisfactory basis for special coursework such as workshops, institutes, tutorials, and independent study. Certain programs and degrees may apply more than six semester hours of courses graded on a satisfactory/unsatisfactory scale, based on program requirements and approval from the Department Chair.
5. Typically no more than six credit hours taken as a non-degree graduate student may apply toward a graduate degree. Exceptions may be granted at program director's discretion. Some courses and/or programs are not available to non-degree graduate students.
6. At least sixty percent of course work toward a graduate degree must be courses offered for graduate credit only, i.e., numbered 500 or higher and not open to undergraduate students.
7. Filed a formal graduation application by the deadline published for each semester;
8. Completed all departmental requirements in the major field and all requirements of their college, including any Comprehensive Examination, Thesis/Dissertation, Practicum(s), and Internship requirements.
9. Cleared all financial obligations with the University before the diploma and transcripts can be released.

## Requirements for Multiple Master's Degrees

A student may earn from Xavier University only one graduate degree of the same type, e.g., MBA or MHSA, although more than one Master of Arts or Master of Science degree may be obtained in more than one subject or field. An additional MEd degree may be earned in addition to an already earned MEd in Sport Administration, Coaching Education and Athlete Development, Human Resource Development or Counseling. There may not be any overlap in courses used for multiple master's degrees. If two programs require a common course, a substitute must be approved for one of the degree programs. (Note that exceptions to this rule may be a part of the design of dual-degree programs.)

# Requirements for Certificate Programs

Xavier University offers several certificate programs. Students may complete certificate programs as part of an associate, bachelor's or master's degree or as a non-degree student. Some programs require that students have the minimum of an associate's, bachelor's, or master's degree prior to admission.

Candidates for certificates must have:

1. completed the requirements for the certificate with at least one-half of the hours completed at Xavier.
2. attained a cumulative grade point average of 2.000 or better (some certificates require a higher average).
3. satisfied all financial obligations to the University before the transcripts can be released.

## Core Curriculum

### Undergraduate Core Curriculum

Since 1599, Jesuit education has promoted a distinctive plan of studies (Ratio Studiorum in Latin) that adjusts to each generation, always maintaining a strong commitment to the Liberal Arts Catholic Jesuit tradition. At Xavier University this plan of studies begins with the Undergraduate Core Curriculum. In Fall 2015, Xavier launched a new Core that revolved around the Jesuit values of magis, reflection, discernment, cura personalis, solidarity and kinship, and service rooted in justice and love. The new Core significantly reduces the total credit hours required for most students, and thus allows for numerous possibilities for double majors, additional minors, immersion experiences, study abroad, and a wide range of electives that students can use to satisfy the overall number of credit hours required for graduation.

### Bachelor Degrees:

Below are the requirements for all first-year students entering Fall 2015 or later. For students enrolled before Fall 2015 and graduating after Spring 2015, please see the Transition Core .

Each line represents a three-credit hour course, unless otherwise noted.

### First-Year Experience

- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- CORE 102 - Goa II: Beyond Your First Year

### Ethics/Religion and Society Focus

- THEO 111 - Theological Foundations
- PHIL 100 - Ethics as Intro to Philosophy

### Perspectives Courses

- Creative Perspectives
- Historical Perspectives
- Mathematical Perspectives
- Philosophical Perspectives (PHIL 200)
- Scientific Perspectives
- Theological Perspectives (THEO 200+)

### Skills

- ENGL 101 Composition or ENGL 115 Rhetoric
- Language
  - For students entering prior to Fall 2017: any two three-credit hour courses or 202 proficiency

- For students entering in Fall 2017 or later: 201 level proficiency

## Electives

- Humanities Elective
- Natural Science Elective
- Social Science Elective

## Five Flags

Students also must satisfy five flags in addition to the 48 credit hours listed in the chart above. A flag constitutes a significant portion of a course in any discipline that is devoted to one of the five topics. Flagged courses are approved by the committee or subcommittee devoted to each flag topic. No single course can be used to fulfill more than two flags. Flagged courses often double count for other courses in the core, for major requirements, and/or for minor requirements, and thus do not add to the total number of credit hours required in the Core Curriculum.

- Diversity (DCR)
- Ethics/Religion and Society (E/RS)
- Oral Communication
- Quantitative Reasoning
- Writing

## CORE 499

- All Bachelor degree students must successfully complete CORE 499 during their anticipated final semester as a requirement of their Bachelor degree.

## Notes

- The Ethics/Religion and Society Focus also includes an E/RS flagged course, one of the five flags at the bottom of the chart.
- Literature and Moral Imagination can be fulfilled with CLAS 205 , ENGL 205 , FREN 205 , GERM 205 , or SPAN 205 .
- Humanities Elective can be satisfied by one course from any of the following categories: All Classics except 205, ENGL 121+ except 205, FREN 300+, GERM 300+, HIST 200+, PHIL 300+, SPAN 300+, or THEO 300+. The Humanities Elective may not double count as an E/RS flag (though may be an E/RS flagged course). While all Theology courses 200 and above count as Theological Perspectives, and all Theology courses 300 and above also count for Humanities Electives, no Theology course can double-count for both Theological Perspectives and Humanities Elective.

## Associate's Degrees

### Core Requirements For Most Associate's Degree Programs

- Eng. Comp./Rhet. (3)
- Phil 100 (3)
- Theo 111 (3)
- Creative Perspectives
- Historical Perspectives OR Humanities elective
- Natural Science elective (3)
- Social Science elective (3)
- DCR elective (3)

**Total: 24 hours**

## Core Requirements For Associate's Degree Program in Early Childhood Education

- Eng. Comp./Rhet. (3)
- Phil 100 (3)
- Theo 111 (3)
- Creative Perspectives
- Historical Perspective OR Humanities elective
- Natural Science elective (3)
- Social Science elective (3)
- DCR elective (3)

**Total: 24 hours**

## Core Requirements For Associate's Degree Program in Business Administration

- Eng. Comp./Rhet. (3)
- Phil 100 (3)
- Theo 111 (3)
- Creative Perspectives
- Historical Perspectives OR Humanities elective
- Mathematical Perspectives
- Natural Science elective (3)
- Social Science elective (3)

**Total: 24 hours**

## Transfer Students

### Transfer Students/Work In Core Curriculum

All transfer students who start during or after Fall 2016 must complete the new Core. The rules governing Transfer students with the New Core are as follows:

1. Students can transfer to Xavier with a wide range of courses counting for core and/or major and minor requirements, as long as each transferred course can be assigned an equivalent Xavier course. If the Xavier course carries core attributes (for example, Humanities elective, Scientific Perspectives, Writing Flag, etc.), so too will the transferred course. Xavier's Office of the Registrar, in consultation with department chairs, will help transfer students determine which Xavier course is equivalent to the transferred course.
2. The flag standards are set by the Core Curriculum Committee (CCC), via the relevant subcommittees who communicate the standards to the Associate Dean of the College of Arts and Sciences. If it is determined based on its description that a course may satisfy any flag (E/RS, DCR, writing, oral communication, or quantitative reasoning), equivalence may be requested of the CCC chair or the Associate Dean of the College of Arts and Sciences. Public speaking or similar courses will satisfy the oral communication flag, and courses flagged as "writing-intensive" at other universities can satisfy the Xavier writing-intensive flag. However, if a student transfers in a course deemed equivalent to a Xavier course that has one or more flags, the flags are retained without independent evaluation by the flag subcommittee.
3. Some interdisciplinary courses to be transferred have no analogous Xavier departmental affiliation; these courses are identified, for example, as "Humanities" or "Engineering." The Associate Dean of the College of Arts and Sciences will approve these equivalences in consultation with whomever he/she deems appropriate.

## Identifying Courses that Satisfy Core Requirements

To identify which courses satisfy a core requirement for a given term, use the **Browse Classes** function available through the Self Service link of the Xavier Hub. First, choose the term in which you are interested. Next, in the Subject Area, leave blank for All Subjects or select the individual subject(s) in which you are interested. Then, use the menu in the "Attribute Type" box to select the area of the core you would like to search for (e.g. Diversity Curriculum Requirement or ERS Focus Elective). This will return a list of courses that meet the area of the core you selected and are being offered that term.

## List of Majors, Minors, Certificates and Special Programs

### Core Curriculum

### Transition Core

# Bachelor Degrees (Requirements for students enrolled before Fall 2015 and graduating after Spring 2015):

Each line represents a three-credit hour course, unless otherwise noted.

## Ethics/Religion and Society Focus

- THEO 111 - Theological Foundations
- PHIL 100 - Ethics as Intro to Philosophy
- Literature & the Moral Imagination

## Perspectives Courses

- Creative Perspectives **OR** Old Core Fine Arts
- Historical Perspectives **OR** Old Core History 1 & 2 (Survey Courses)
- Mathematical Perspectives **OR** Two Old Core Math Courses above 105
- Philosophical Perspectives (PHIL 200) **OR** Old Core PHIL 290 Theory of Knowledge
- Scientific Perspectives **OR** Any Old Core Science course with lab
- Theological Perspectives (THEO 200+) **OR** Any Old Core THEO 200 or THEO 300s.

## Skills

- ENGL 101 Composition or ENGL 115 Rhetoric
- Language (two courses or 201)

## Electives

- Humanities Elective **OR** Any Old Core Literature Elective, THEO 300+, or PHIL 300+
- Natural Science Elective **OR** Any Old Core Natural Science course
- Social Science Elective **OR** Any Old Core Social Science Course

## Two Flags

Students also must satisfy two flags in addition to the credit hours listed in the chart above. A flag constitutes a significant portion of a course in any discipline that is devoted to one of the two topics. Flagged courses are approved by the committee or subcommittee devoted to each flag topic. A single course can fulfill two flags. Flagged courses often double count for other courses in the core, for major requirements, and/or for minor requirements, and thus do not add to the total number of credit hours required in the Core Curriculum.

- Diversity (DCR)
- Ethics/Religion and Society (E/RS)

## CORE 499

- All Bachelor degree students must successfully complete CORE 499 during their anticipated final semester as a requirement of their Bachelor degree.

## Notes



- The Ethics/Religion and Society Focus also includes an E/RS flagged course.
- Literature and Moral Imagination can be fulfilled with CLAS 205 , ENGL 205 , FREN 205 , GERM 205 , or SPAN 205 .
- Old Core Science course with lab must be in Biology, Chemistry, Physics, or Psychology for a total of 3 credits.
- Humanities Elective can be satisfied by one course from any of the following categories: All Classics except 205, ENGL 121+ except 205, FREN 300+, GERM 300+, HIST 200+, PHIL 300+, SPAN 300+, or THEO 300+. The Humanities Elective may not double count as an E/RS flag (though may be an E/RS flagged course). While all Theology courses 200 and above count as Theological Perspectives, and all Theology courses 300 and above also count for Humanities Electives, no Theology course can double-count for both Theological Perspectives and Humanities Elective.
- Old Core Natural Science course must be a minimum of 3 credits in Biology, Chemistry, or Physics. This requirement includes a lab.

## Undergraduate Core Curriculum

Since 1599, Jesuit education has promoted a distinctive plan of studies (Ratio Studiorum in Latin) that adjusts to each generation, always maintaining a strong commitment to the Liberal Arts Catholic Jesuit tradition. At Xavier University this plan of studies begins with the Undergraduate Core Curriculum. In Fall 2015, Xavier launched a new Core that revolved around the Jesuit values of magis, reflection, discernment, cura personalis, solidarity and kinship, and service rooted in justice and love. The new Core significantly reduces the total credit hours required for most students, and thus allows for numerous possibilities for double majors, additional minors, immersion experiences, study abroad, and a wide range of electives that students can use to satisfy the overall number of credit hours required for graduation.

## Bachelor Degrees:

Below are the requirements for all first-year students entering Fall 2015 or later. For students enrolled before Fall 2015 and graduating after Spring 2015, please see the Transition Core .

Each line represents a three-credit hour course, unless otherwise noted.

## First-Year Experience

- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- CORE 102 - Goa II: Beyond Your First Year

## Ethics/Religion and Society Focus

- THEO 111 - Theological Foundations
- PHIL 100 - Ethics as Intro to Philosophy

## Perspectives Courses

- Creative Perspectives
- Historical Perspectives
- Mathematical Perspectives
- Philosophical Perspectives (PHIL 200)
- Scientific Perspectives
- Theological Perspectives (THEO 200+)

## Skills

- ENGL 101 Composition or ENGL 115 Rhetoric
- Language
  - For students entering prior to Fall 2017: any two three-credit hour courses or 202 proficiency
  - For students entering in Fall 2017 or later: 201 level proficiency

## Electives

- Humanities Elective
- Natural Science Elective
- Social Science Elective

## Five Flags

Students also must satisfy five flags in addition to the 48 credit hours listed in the chart above. A flag constitutes a significant portion of a course in any discipline that is devoted to one of the five topics. Flagged courses are approved by the committee or subcommittee devoted to each flag topic. No single course can be used to fulfill more than two flags. Flagged courses often double count for other courses in the core, for major requirements, and/or for minor requirements, and thus do not add to the total number of credit hours required in the Core Curriculum.

- Diversity (DCR)
- Ethics/Religion and Society (E/RS)
- Oral Communication
- Quantitative Reasoning
- Writing

## CORE 499

- All Bachelor degree students must successfully complete CORE 499 during their anticipated final semester as a requirement of their Bachelor degree.

## Notes

- The Ethics/Religion and Society Focus also includes an E/RS flagged course, one of the five flags at the bottom of the chart.
- Literature and Moral Imagination can be fulfilled with CLAS 205 , ENGL 205 , FREN 205 , GERM 205 , or SPAN 205 .
- Humanities Elective can be satisfied by one course from any of the following categories: All Classics except 205, ENGL 121+ except 205, FREN 300+, GERM 300+, HIST 200+, PHIL 300+, SPAN 300+, or THEO 300+. The Humanities Elective may not double count as an E/RS flag (though may be an E/RS flagged course). While all Theology courses 200 and above count as Theological Perspectives, and all Theology courses 300 and above also count for Humanities Electives, no Theology course can double-count for both Theological Perspectives and Humanities Elective.

## Associate's Degrees

### Core Requirements For Most Associate's Degree Programs

- Eng. Comp./Rhet. (3)
- Phil 100 (3)
- Theo 111 (3)
- Creative Perspectives
- Historical Perspectives OR Humanities elective
- Natural Science elective (3)
- Social Science elective (3)
- DCR elective (3)

**Total: 24 hours**

### Core Requirements For Associate's Degree Program in Early Childhood Education

- Eng. Comp./Rhet. (3)
- Phil 100 (3)
- Theo 111 (3)

- Creative Perspectives
- Historical Perspective OR Humanities elective
- Natural Science elective (3)
- Social Science elective (3)
- DCR elective (3)

**Total: 24 hours**

## Core Requirements For Associate's Degree Program in Business Administration

- Eng. Comp./Rhet. (3)
- Phil 100 (3)
- Theo 111 (3)
- Creative Perspectives
- Historical Perspectives OR Humanities elective
- Mathematical Perspectives
- Natural Science elective (3)
- Social Science elective (3)

**Total: 24 hours**

## Transfer Students

### Transfer Students/Work In Core Curriculum

All transfer students who start during or after Fall 2016 must complete the new Core. The rules governing Transfer students with the New Core are as follows:

1. Students can transfer to Xavier with a wide range of courses counting for core and/or major and minor requirements, as long as each transferred course can be assigned an equivalent Xavier course. If the Xavier course carries core attributes (for example, Humanities elective, Scientific Perspectives, Writing Flag, etc.), so too will the transferred course. Xavier's Office of the Registrar, in consultation with department chairs, will help transfer students determine which Xavier course is equivalent to the transferred course.
2. The flag standards are set by the Core Curriculum Committee (CCC), via the relevant subcommittees who communicate the standards to the Associate Dean of the College of Arts and Sciences. If it is determined based on its description that a course may satisfy any flag (E/RS, DCR, writing, oral communication, or quantitative reasoning), equivalence may be requested of the CCC chair or the Associate Dean of the College of Arts and Sciences. Public speaking or similar courses will satisfy the oral communication flag, and courses flagged as "writing-intensive" at other universities can satisfy the Xavier writing-intensive flag. However, if a student transfers in a course deemed equivalent to a Xavier course that has one or more flags, the flags are retained without independent evaluation by the flag subcommittee.
3. Some interdisciplinary courses to be transferred have no analogous Xavier departmental affiliation; these courses are identified, for example, as "Humanities" or "Engineering." The Associate Dean of the College of Arts and Sciences will approve these equivalences in consultation with whomever he/she deems appropriate.

## Identifying Courses that Satisfy Core Requirements

To identify which courses satisfy a core requirement for a given term, use the **Browse Classes** function available through the Self Service link of the Xavier Hub. First, choose the term in which you are interested. Next, in the Subject Area, leave blank for All Subjects or select the individual subject(s) in which you are interested. Then, use the menu in the "Attribute Type" box to select the area of the core you would like to search for (e.g. Diversity Curriculum Requirement or ERS Focus Elective). This will return a list of courses that meet the area of the core you selected and are being offered that term.

## Honors Curriculum

### Smith Scholars Program

The Smith Scholars Program is a Williams College of Business undergraduate, cohort honors program. Smith Scholar students begin as freshmen an intensive program that integrates the study of the liberal arts with the WCB core curriculum in a rigorous, purposeful, and innovative manner. Smith Scholars study selected liberal arts courses in the core curriculum as a cohort immersing these students in a coherent curriculum comprised of foundational texts in the areas of philosophy, law, theology, history, and economics. They also study as a cohort a range of courses in the business curriculum. Building upon this foundation, Smith Scholars complete courses leading to a minor in Political Economy. The minor is designed to engage Smith Scholars in a rigorous examination of economic theory and its applications, the legal and regulatory environment of business, and the financial markets that integrate these forces. Smith Scholars are required to major in one of the WCB's degree programs

# Sample Schedule

## First Year

### Fall Semester

- FY Seminar--Core 100 or THEO 111
- Mathematical Perspectives --MATH 140 or 170
- Second Language I 4
- PHIL 100 S/Smith Scholars Cohort
- CLAS 205 S/Smith Scholars Cohort
- BUAD 101
- CORE 101

Total 15

### Spring Semester

- THEO 111 or FY Seminar-Core 100
- Second Language II 4
- ECON 200 S (Soc Sci Elective)/Smith Scholars Cohort 1
- PHIL 200 S/Smith Scholars Cohort
- BAIS 220
- BUAD 102
- CORE 102

Total 15

## Second Year

### Fall Semester

- ENGL 101 or 115
- ECON 201 S/Smith Scholars Cohort
- POLI 347 S/Smith Scholars Cohort5
- BAIS 210
- MKTG 300
- ACCT 200
- BUAD 201

Total 18

### Spring Semester

- Scientific Perspectives or Natural Science Elective 2
- Historical Perspectives
- ACCT 201
- BAIS 211
- ECON 300 S/Smith Scholars Cohort
- BUAD 202

Total 15

## Summer Semester

- PHIL 397 (Humanities)/Smith Scholars Cohort--PARIS

- Arts 111 (Creative Perspectives)/Smith Scholars Cohort--PARIS

Total 6

## Third Year

### Fall Semester

- MGMT 200 (DCR Flag)
- FINC 300 (Quantitative Reasoning Flag)
- BLAW 300 S/Smith Scholars Cohort
- MAJOR 1
- ECON 315-History of Economic Thought<sup>5</sup>
- BUAD 301

Total 15

### Spring Semester

- Theological Perspectives (possibly spring break)
- MGMT 201 (Oral Communications & Writing Flag)
- MAJOR 2
- MAJOR 3
- FINC 370-Financial Institutions/Smith Scholars Cohort<sup>5</sup>
- BUAD 302

Total 15

## Fourth Year

### Fall Semester

- Natural Science Elective or Scientific Perspectives 2
- MAJOR 4
- MAJOR 5
- BLAW 400 S/Smith Scholar Cohort<sup>5</sup>
- ECON 370-Econ Theory & Application in Public Policy/Smith Scholars Cohort<sup>5</sup>
- BUAD 401

Total 15

### Spring Semester

- MGMT 302
- Business Core Capstone
- MAJOR CAPSTONE
- MAJOR 7
- (Optional IDST 499)<sup>5</sup>
- BUAD 402
- CORE 499
- (New York Business Trip/Spring Break)

Total 15

## Notes

- Minimum for undergraduate degree is 120 hours. Total for Smith Scholars Program is 120-129 depending on major. Business majors consist of 18-23 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but must include at least 3 hours of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All flags are included in business core curriculum
- \*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores
- 5-Minor in Political Economy-required for Smith Scholars

## University Scholars Program

University Scholars is an honors curriculum that allows Xavier students from every college and major to be challenged with greater academic depth and rigor. The program brings Honors peers together in small classes, emphasizing learning across the university and engagement with the world.

Typically, University Scholars are students with excellent high school records and SAT scores or ACT scores. Admission to the program usually occurs by invitation prior to the freshman year, but students already enrolled at Xavier or transfer students may contact the Program Director to inquire about joining the program once they have matriculated.

Minimum requirements for University Scholars Program students are as follows:

1. Scholars must complete any five courses with the Honors (HONR) attribute; these courses are expected to overlap largely with a student's core requirements and/or a student's major;
2. Scholars must complete HONR 300 (a multidisciplinary "Connections" course taught by two faculty from different departments) in their junior or senior year;
3. Scholars must maintain a cumulative 3.000 grade point average during their freshman year and a 3.200 cumulative grade point average thereafter. Note: only Honors courses with a C or above meet a Scholars requirement. Students whose grade point averages fall below these figures will be placed on probation within the Program and given a semester in which to bring up their grades.

University scholars who complete the program successfully and have a 3.200 overall GPA at graduation receive the appropriate Bachelor's Degree pertaining to their area of study with the notation "University Scholar."

## Honors Bachelor of Arts

### Philosophy, Politics and the Public, Honors Bachelor of Arts

The Philosophy, Politics & the Public Program brings together many of Xavier's traditional curricular strengths in an innovative and rigorous undergraduate honors program of study focusing on the unifying concept of "the public sphere" in democratic societies. The program is inspired by the Philosophy, Politics & Economics programs commonly found in the British university system, but differs from them by placing greater emphasis upon philosophical conceptions and historical context. The approach taken by this honors program is expressed in the meanings of the several conceptions identified in its very name. In its original meaning, philosophy denotes "the love of wisdom." Aristotle, one of the greatest and most influential philosophers of the western tradition, defined politics as "the master science of the good." "The public" represents a multi-dimensional domain of shared consciousness, ideals and action. Through course work that is both multi-disciplinary as well as centered in a particular disciplinary concentration, students are encouraged to follow their own interests in the theoretical engagement of the public in its many embodiments and meanings. In addition, the theoretical work in the program is complemented by engagement in the active world of politics through working on political campaigns, lobbying of behalf of legislation, internships in local and national government offices and international study.

### Philosophy, Politics and the Public Curriculum

#### Course Requirements

48 Credit Hours

- PHIL 100 - Ethics as Intro to Philosophy (dedicated PPP section)
- PHIL 200 - Philosophical Perspectives (dedicated PPP section)
- PPUB 200 - Power and the Public
  
- ECON 200 - Microeconomic Principles
- ENGL 115 - Rhetoric
  
- ECON 201 - Macroeconomic Principles
- MATH 156 - General Statistics
- HIST 362 - Global Cultures & Publics
- ECON 307 - Empirical Analysis In Economic
- PPUB 400 - Senior Supervision

## Block Schedule

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- PHIL 100 Ethics as Intro to Philosophy
- ENGL 115 Rhetoric
- Language I
- Historical Perspectives (International or non-Western focus)
- First Year Seminar

#### Second Semester

- PHIL 200 Philosophical Perspectives
- PPUB 200 Power and the Public (Diversity Flag )
- Language II
- THEO 111 Theological Perspectives
- ECON 200 Microeconomic Principles (Social Science Elective)

### Sophomore Year

#### First Semester

##### Power and Politics Block

- HIST 408 Constructing the Public (Seminar)
- PPUB 210 Campaigns, Politics, and Media
- MATH 156 - General Statistics (Math Perspectives)
- Lit and the Moral Imagination
- Theological Perspectives

##### Civil Society and Government Block

- PPUB 246 Civil Society and Government (Oral Flag )
- One additional course from ECON, HIST, PHIL, POLI, PPUB, or SOCI
- MATH 156 - General Statistics (Math Perspectives)
- Lit and the Moral Imagination
- Theological Perspectives

#### Second Semester

##### Power and Politics Block

- HIST 300 Writing in Public (Writing Flag)
- PPUB 211 Public Policy Practice or POLI 328 Legislative Practice
- ECON 201 Macroeconomic Principles
- Scientific Perspectives + Lab
- Creative Perspectives

##### Civil Society and Government Block

- PPUB 211 Public Policy Practice or POLI 328 Legislative Practice (Writing Flag)
- One additional course from ECON, HIST, PHIL, POLI, PPUB, or SOCI
- ECON 201 Macroeconomic Principles

- Scientific Perspectives + Lab
- Creative Perspectives

## Junior Year

### First Semester

- PHIL 336 Liberalism or PHIL 338 Enlightenment and Revolution
- HIST 362 Global Cultures and Publics (Humanities Elective)
- ECON 307 Empirical Analysis in Economics (Quantitative Reasoning Flag)
- 2 Free Electives

### Second Semester

- PHIL 337 Responses to Liberalism or PHIL 339 Revolution and its Aftermath
- Natural Science Elective
- 3 Free Electives

## Summer

Option: Study Abroad Trip

## Senior Year

### First Semester

- PPUB 400 PPP Senior Supervision
- 4 Free Electives

### Second Semester

- PPUB 401 PPP Senior Seminar
- 4 Free Electives

## Graduation Requirement

The HAB in Philosophy, Politics and the Public requires a 3.2 GPA to graduate.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Honors Bachelor of Science**

## **Data Science, Honors Bachelor of Science**

Xavier's Data Science Honors program is an interdisciplinary effort of the Departments of Business Analytics and Information Systems, Computer Science, and Mathematics. Data scientists are trained to combine their skills in analytics, computer science, mathematics, and statistics to transform sizable and convoluted data into understandable results that can be used to make intelligent decisions. In addition, data scientists are expected to use, distribute, and interpret data in an ethical fashion. This program provides an



integrative curriculum with interdisciplinary data science courses, technical skills, and a series of experiences that will challenge students to apply their knowledge in ways that serve the community and address issues in society.

This cohort-based honors program introduces the analytical and real-world needs of data science. It includes a heavy course load in computer science, mathematics, and statistics designed to introduce strong STEM students to the computational and analytical skills needed to build models and tools in data science; incorporates specific experiences using skills from those areas in applied projects that incorporate community-engaged learning; and includes intentional reflection on ethics and privacy in the use of these skills.

## Course Requirements

### Data Science Courses

68 credit hours

- BAIS 329 - Data Mining
- BAIS 362 - Intro Analytics Programming
- BAIS 365 - Business Analytics
- BAIS 389 - Data Visualization
- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms
  
- CSCI 335 - Databases
- CSCI 350 - Advanced Algorithms & Theory
  
- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 222 - Applied Linear Algebra
- MATH 256 - Intro to Probability & Stats
- MATH 257 - Data Modeling
- MATH 311 - Probability Theory
- MATH 312 - Statistical Inference

### Required STEM Courses

- Three courses at the major level in a STEM Domain Area of student's choice.

### Graduation Requirement

The Honors B.S. degree requires students to achieve an average GPA of 3.0 or better in the courses taken for the major. (Students completing all other graduation requirements will be awarded the B.S. in Data Science degree. The B.S. in Data Science degree is not available any other way.)

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## Bachelor of Arts

### Advertising, B.A.

The goal of the Advertising major is to prepare students for a career in the field of advertising. This program offers a comprehensive study of advertising, including the principles of advertising, creative concepts, media planning, research, and management.

# Requirements

## Core Curriculum Requirements:

See Undergraduate Core Curriculum :

including Mathematical Perspectives requirement of MATH 116 or MATH 156

## Major Requirements:

36 credit hours, as follows

### 30 hours from:

- COMM 101 - Oral Communication
- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 237 - Elements of Copy & Design
- COMM 270 - Principles of Strategic Comm
- COMM 329 - Audience Survey & Research
- COMM 332 - Media Strategies in Advtising
- COMM 430 - Creative Strategies Advrtsing
- COMM 439 - Senior Sem-Adv: Campaigns
- COMM 477 - Strat Comm Ethics Society

### 3 hours of Elective A, select 1 course from:

- COMM 235 - Digital Design

### 3 hours of Elective B, select 1 course from:

- COMM 211 - Media Literacy
- COMM 247 - Understanding New Media
- COMM 264 - Persuasion
- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- COMM 385 - Media, Democracy & the Public
- COMM 426 - Media Law & Policy

### Note(s):

- A 2.000 cumulative average must be attained in the communication arts courses of the major.
- Since the major recommends certain courses as COMM electives, it is important that students work closely with their academic advisors in the choice of these electives.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Advertising

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### Fall Semester

- CORE 101 - Goa
- COMM 101 (OC Flag) or COMM 123
- English Composition or Rhetoric
- Second Language elective
- CORE 100 First-Year Seminar or THEO 111 Theological Foundations
- MATH 105 (Math at placement level) or MATH 116 (Math Perspectives)

Total (15)

#### Spring Semester

- CORE 102 Goa
- COMM 101 (OC Flag) or COMM 123
- Historical Perspectives
- Second Language elective
- CORE 100 First-Year Seminar or THEO 111 Theological Foundations
- PHIL 100 Ethics as Introduction to Philosophy

Total (15)

### Sophomore Year

#### Fall Semester

- Communication Course
- Creative Perspectives
- PHIL 200 Philosophical Perspectives
- Social Science elective
- Quantitative Reasoning Flag

Total (15)

#### Spring Semester

- COMM 206 (Writing Flag)
- ENGL 205 Literature & the Moral Imagination
- Theology Perspectives (THEO 200+)
- Scientific Perspectives
- Natural Science elective

Total (15)

### Junior Year

#### Fall Semester

- Communication Course
- Communication Course
- Diversity Flag (COMM 323, 324 or other)
- E/R & S Focus Flag (COMM 477)
- General Elective

Total (15)

## Spring Semester

- Communication Course
- Communication Course
- Humanities Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### Fall Semester

- Communication Course
- Communication Course
- General Elective
- General Elective
- General Elective

Total (15)

### Spring Semester

- Communication Course
- General Elective
- General Elective
- General Elective
- General Elective

Total (15)

## **Applied Physics, B.A.**

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts.

## Bachelor of Arts Degree in Applied Physics

### Requirements for the Applied Physics Major

#### Core Curriculum Requirements:

See Undergraduate Core Curriculum

48 credit hours outside of major courses. Can be less depending on language placement and ER/S and DCR flags are satisfied in other core courses.

Mathematical Perspectives, Scientific Perspectives, Natural Science Elective, Quantitative Reasoning, Writing and Oral Communication Flags are included within the major.

## Major requirements:

57 credit hours, including:

31 hours of physics and engineering courses:

- ENGR 101 - Introduction to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

## Additional Major Requirements

26 credit hours, as follows

11 hours of Mathematics from:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus

15 hours from Physics, Engineering, Mathematics, Chemistry, Computer Science or Biology courses.

At least 9 must be from Physics or Engineering. These courses must be in addition to those already required by the major.

## Note(s):

- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

- Depending on the language placement and how the DCR and ERS flags are satisfied additional hours need to be taken as electives to reach 120 hours. These hours can be used for a minor in another discipline.

## B.A. Applied Physics

## Freshman Year

### First Semester

- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- Second Language 101
- ENGL 101 - English Composition
- General Elective
- Historical Perspectives

Total (15)

### Second Semester

- MATH 169 - Precalculus or General Elective
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Second Language 102
- PHIL 100 - Ethics as Intro to Philosophy
- General Elective

Total (15)

## Sophomore Year

### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Exploration in Physics I
- MATH 180 - Differential Calculus
- ENGR 101 - Introduction to Fabrication
- Theological Perspectives
- Second Language 201

Total (14)

### Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- Literature and Moral Imagination
- General Elective

Total (13)

## Junior Year

## First Semester

- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- MATH 220 - Multivariable Calculus
- PHYS 350 - Theoretical Mechanics I (Even Year Fall) or Philosophical Perspectives

Total (17)

## Second Semester

- PHYS 244 - Electronics
- PHYS 245 - Electronics Lab
- PHYS 355 - Advanced Lab
- ENGR 180 - Intro to Comp with Matlab
- Humanities Elective
- Ethics/Religion and Society (ER/S)
- General Elective

Total (17)

## Senior Year

### First Semester

- PHYS 395 - Physics Research
- Program Elective
- PHYS 350 - Theoretical Mechanics I (Even Year Fall) or Philosophical Perspectives
- Social Science Elective
- Program Elective
- Program Elective

Total (16)

### Second Semester

- PHYS 398 - Physics Thesis
- Program Elective
- Creative Perspectives
- Diversity Curriculum Requirement (DCR)
- Program Elective

Total (13)

## Scheduling Notes:

- Specific block schedules are determined in consultation with the chair.
- Consult the "Undergraduate Core Curriculum" description of the Catalog.
- The E/RS Focus Elective and Diversity Flag Elective requirements may be used to satisfy another element of the core or the major.
- MATH 220 must be completed before either PHYS 350 and may be required for other electives.

## Applied Physics, B.A.

Please choose one of the following:

Applied Physics, B.A.

Applied Physics, B.A., with an Engineering Concentration

## Applied Physics, B.A., with an Engineering Concentration

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts. The concentration in engineering prepares students for a career in engineering. Students with this concentration can transition into the following Master programs at the University of Cincinnati: Material Science Engineering, Aerospace Engineering, Environmental Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering, Architectural Engineering, Robotics and Intelligent Autonomous Systems, and Artificial Intelligence.

For further information, refer to <https://www.xavier.edu/physics-department/programs/masters-in-engineering-tracks>

## Bachelor of Arts Degree in Applied Physics

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts.

## Requirements for the Applied Physics Major with an Engineering Concentration

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

48 credit hours outside of major courses.

Mathematical Perspectives, Scientific Perspectives, Natural Science Elective, Quantitative Reasoning, Writing and Oral Communication Flags are included within the major.

### Major Requirements:

60 credit hours, including:

### 31 hours of Physics and Engineering courses:

- ENGR 101 - Introduction to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

### Additional Major Requirements



- 29 credit hours, as follows

### 11 hours of Mathematics and Computer Science:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus

### 18 hours in the Engineering concentration:

- MATH 230 - Intro to Ordinary Diff Equat
- ENGR 342 - Material Science
- ENGR 370 - Fluid Mechanics
- PHYS 382 - Thermodynamics

### Note(s):

- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

Depending on the mathematics and language placement and how the DCR and ERS flags are satisfied additional hours need to be taken as electives to reach 120 hours.

## B.A. Applied Physics with a concentration in Engineering

### Freshman Year

#### First Semester

- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- Second Language 101
- ENGL 101 - English Composition
- MATH 169 - Precalculus or General Elective
- Social Science Elective

Total (15)

#### Second Semester

- MATH 180 - Differential Calculus
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year

- Second Language 102
- PHIL 100 - Ethics as Intro to Philosophy
- Historical Perspectives

Total (15)

## Sophomore Year

### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 181 - Integral Calculus
- ENGR 101 - Introduction to Fabrication
- Theological Perspectives
- Second Language 201

Total (14)

### Second Semester

- ENGR 180 - Intro to Comp with MATLAB
- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 220 - Multivariable Calculus
- Literature & the Moral Imagination

Total (15)

## Junior Year

### First Semester

- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 242 - Circuits
- PHYS 243 - Circuits Lab
- MATH 230 - Intro to Ordinary Diff Equations (Odd Year Fall Semester) or Program Elective (Even Year Fall Semester)
- ENGR 370 - Fluid Mechanics (Odd Year Fall Semester) or PHYS 350 - Theoretical Mechanics I (Even Year Fall Semester)

Total (17)

### Second Semester

- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 342 - Material Science (Even Year Spring Semester) or Program Elective (Odd Year Spring Semester)
- PHYS 355 - Advanced Lab
- MATH 230 - Intro to Ordinary Diff Equations (Odd Year Fall Semester) or Program Elective (Even Year Fall Semester)
- Humanities Elective
- General Elective

Total (17)

## Senior Year

### First Semester

- ENGR 370 - Fluid Mechanics (Odd Year Fall Semester) or PHYS 350 - Theoretical Mechanics I (Even Year Fall Semester)
- PHYS 395 - Physics Research
- Philosophical Perspectives
- General Elective
- General Elective

Total (13)

### Second Semester

- PHYS 398 - Physics Thesis
- PHYS 382 - Thermodynamics
- ENGR 342 - Material Science (Even Year Spring Semester) or Program Elective (Odd Year Spring Semester)
- Creative Perspectives elective
- Diversity Curriculum Requirement (DCR)
- Ethics Religion and Society (E/RS)

Total (16)

### Scheduling Notes:

- Specific block schedules are determined in consultation with the chair.
- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective, Diversity Curriculum Elective, and Writing Intensive Elective requirements may be used to satisfy another element of the core or the major.
- MATH 220 must be completed before a student's Junior year as the course is a pre-requisite for both ENGR 370 and PHYS 350.

## Art, B.A.

The Department of Art fosters an integrated way of life in which the student, through art experiences, grows in awareness and response to both spiritual and material values. The potential artist has opportunity for studio practice in one of the following concentrations: art education, art history, ceramics, drawing, fibers, graphics, painting, photography, printmaking, and sculpture. Studies in art history are required of each major and may also be an area of concentration. Students who wish to be licensed as teachers follow a special program for pre K-12 licensure. Students interested in careers as art therapists are advised to follow a pre-art therapy program.

## Requirements for the Art Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Major Requirements:

52 credit hours, as follows

- 10 credit hours in foundation requirements
- 9 credit hours in 100 level courses
- 3 elective credit hours
- 9 credit hours in Art History
- 3 credit hour exit seminar
- 12 credit hours (4 courses) in one area of study leading to the senior concentration
- 6 credit hour senior concentration and exhibition are required.

## Concentrations:

Must be arranged with the approval of the concentration advisor.

## Note(s):

- In the spring semester of the sophomore year the prospective art major will present a portfolio for evaluation. Acceptance or rejection from the Department of Art will be based upon this evaluation.
- a minimum grade of "C-" must be attained in all art courses to count toward an art major degree.
- a minimum grade of "B" must be attained in ARTS 221/ARTS 521 and ARTS 223/ARTS 523 for those pursuing art licensure.
- A recommended program sequence is available for each of the concentrations. Art licensure requires an additional 28 hours of education courses as well as 55 semester hours in art for a Pre-K to 12 license. Please direct requests and/or questions to the department chair.
- Introductory courses (or equivalent with permission of the instructor) are prerequisites for all advanced courses. Courses numbered 500 or above are for graduate students only. All studio courses may be taken for graduate credit.

## B.A. Art

This is a sample course sequence to illustrate class offerings for this major. See your academic advisor.

### Freshman Year

#### First Semester

- Art 100: Seminar
- Art 101: 2D Design
- Art 102: DRAWING
- Core 100 or Theology 111
- Core 101
- Second Language I
- English 101 or English 115

Total (16)

#### Second Semester

- Art 105: 3D Design
- Art Studio elective (100 level)
- Historical Perspective
- Core 100 or Theology 111
- Core 102
- Second Language II

Total (15)

## Sophomore Year

### First Semester

- Art Studio elective (100 level)
- Art Studio elective (100 level)
- Art 270: History of Art I
- English 205
- Philosophy 100

Total (15)

### Second Semester

- Art elective
- Art Concentration elective
- Art 271: History of Art II
- Philosophy 200 Philosophical Perspectives
- Theology 200+ Theological Perspectives

Total (15)

## Junior Year

### First Semester

- Art 441: Junior Seminar
- Art Concentration elective
- History of Art elective
- Oral Communications Flag
- Natural Science elective

Total (15)

### Second Semester

- Art Concentration elective
- Mathematical Perspectives elective
- DCR Flag elective
- Social Science elective
- Humanities elective

Total (15)

## Senior Year

### First Semester

- Art concentration elective
- E/RS Flag
- Quantitative Reasoning Flag
- Writing Intensive Flag
- General elective

Total (15)

## Second Semester

- Art 490: Senior Concentration
- Scientific Perspectives elective
- General elective
- General elective
- Core 499

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- A minimum of 120 credit hours is required for this degree.

## Classical Humanities, B.A.

The Bachelor of Arts degree in Classical Humanities major engages students who have an interest in the enduring purchase of topics and themes from classical antiquity. CLHU embraces a wide range of areas such as art, history, religion, archaeology, literature, mythology, and Greek and Latin languages. There is no language requirement in the Classical Humanities major, but students are encouraged to use core language requirements as an opportunity to complement their CLHU studies. The major aim is for students to encounter in the culture of classical antiquity the diversity of the ancient world and to gain an awareness of the ongoing influence of classical antiquity on contemporary culture.

## Requirements for the Classical Humanities Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Major Requirements:

31 credit hours, as follows:

18 required credit hours

3 hours in history

- CLAS 120 - From Homer to Plato
- CLAS 121 - From Alexander to Cleopatra
- CLAS 160 - From Romulus to Octavian
- CLAS 161 - From Augustus to Attila

### 3 hours in mythology

- CLAS 240 - World Mythology
- CLAS 241 - Classical Mythology: Art
- CLAS 242 - Classical Mythology: Literature
- CLAS 245 - Myth and Film

### 3 hours Classical Literature & the Moral Imagination

- CLAS 205 - Classical Lit & Moral Imagination

### 3 hours in classical culture

- CLAS 236 - Gender & Sex/Ancient Gr & Rome
- CLAS 239 - Ancient Lit, Magic & Occult

### 3 hours in Greek/Roman history focus with rotating topics

- CLAS/HIST 310

### 3 hours in Classics and Moderns

- CLAS 380

### 12 elective hours in any CLAS, LATN, GREK courses

- Note: can include core requirements in language, Theological Perspectives, Social Sciences, Humanities, and Oral Communication, Quantitative Reasoning, Writing, E/RS, and Diversity Flags

### 1 hour Senior Capstone Project

- CLAS 397 - Directed Study

### Note(s):

- A 2.500 cumulative average must be attained in the above courses.
- In addition to the above requirements, the student has approximately 26 hours of non-designated electives which can be used to meet specific interests or needs.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Classical Humanities

This is a sample course sequence to illustrate class offerings for this major. See your academic advisor.

### Freshman Year

## First Semester

- Core language requirement I (LATN 101 or LATN 111)
- CORE 100 First Year Seminar
- CREATIVE PERSPECTIVES (CLAS 241)
- PHILOSOPHY 100 - Ethics as Intro. to Philosophy
- ENGLISH 101 or 115 - English Composition or Rhetoric
- CORE 101: GOA

Total (15)

## Second Semester

- CORE LANGUAGE REQUIREMENT II (LATN 102 or LATN 112)
- HISTORICAL PERSPECTIVES (CLAS 120, 121, 160, 161)
- SCIENTIFIC PERSPECTIVES Lecture and Lab
- THEOLOGY 111 Theological Foundations
- MATHEMATICAL PERSPECTIVES
- CORE 102: GOA

Total (15)

## Sophomore Year

### First Semester

- CORE LANGUAGE REQUIREMENT III (Latin/Greek 201)
- NATURAL SCIENCE Lecture and Lab
- THEOLOGICAL PERSPECTIVES
- HUMANITIES Elective
- CLAS, LATN, GREK Elective

Total (15)

### Second Semester

- Classical Mythology (CLAS 240, 241, 245)
- CLAS 205 Classical Literature and the Moral Imagination
- ORAL COMMUNICATION FLAG Elective
- PHILOSOPHY PERSPECTIVES Elective
- CLAS, LATN, GREK Elective

Total (15)

## Junior Year



## First Semester

- Classical Culture (CLAS 236, 239)
- CLAS, LATN, GREK Elective
- QUANTITATIVE FLAG Elective
- SOCIAL SCIENCE Elective (CLAS 261, 262)
- GENERAL Elective

Total (15)

## Second Semester

- Ancient History (CLAS 310)
- WRITING FLAG Elective
- E/RS Elective
- CLAS, LATN, GREK Elective
- General Elective

Total (15)

## Senior Year

### First Semester

- CLASSICS 380 Ancients and Moderns
- DIVERSITY FLAG Elective
- General Elective
- General Elective
- General Elective

Total (15)

### Second Semester

- CLASSICS 397 Senior Capstone Research
- General Elective
- General Elective
- General Elective
- General Elective
- General Elective
- CORE 499

Total (16)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.

## **Communication Studies, B.A.**

Communication Studies students have the opportunity to gain the knowledge and practical skills necessary to promote effective communication processes within public and private organizations. The program emphasizes both written and oral communication, and students are encouraged to prepare themselves for a broad range of employment possibilities in areas such as sales, special events planning, human resources, industrial relations, training, and management.

## Core Curriculum Requirements:

See Undergraduate Core Curriculum

including Mathematical Perspectives requirement of MATH 116 or MATH 156

## Major Requirements:

36 credit hours, as follows

### 30 hours from:

- COMM 101 - Oral Communication
- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics
- COMM 264 - Persuasion
- COMM 301 - Presentational Speaking
- COMM 329 - Audience Survey & Research
- COMM 360 - Adv Organizational Comm
- COMM 469 - Sr Sem: Comm Studies

### 3 hours from Elective A

- COMM 221 - Introduction to Digital Media
- COMM 260 - Organizational Communication
- COMM 270 - Principles of Strategic Comm

### 3 hours from Elective B

- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- COMM 327 - Interpersonal Conflict Mgmt
- COMM 385 - Media, Democracy & the Public
- COMM 433 - Social Media Strategies

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A., Communication Studies

Freshman Year

Fall Semester

- CORE 101: Goa
- COMM 101: Oral Comm (OC Flag)
- English Composition or Rhetoric
- Second Language I
- CORE 100: First-Year Seminar
- MATH 116: Math Perspectives

## Spring Semester

- CORE 102: Goa
- COMM 123: Intro to Comm & Media
- Historical Perspectives
- Second Language II
- THEO 111: Theological Foundations
- PHIL 100: Ethics as Intro to Philosophy

## Sophomore Year

### Fall Semester

- COMM 207: Interpersonal Communication
- COMM ST. ELECTIVE A: (221, 260, or 270)
- Creative Perspectives
- PHIL 200: Philosophical Perspectives
- Social Science Elective

### Spring Semester

- COMM 206: Writing for the Media (Writing flag)
- ENGL 205: Lit & the Moral Imagination
- Theology Perspectives (THEO 200+)
- Scientific Perspectives
- Natural Science Elective

## Junior Year

### Fall Semester

- COMM 264: Persuasion
- COMM 329: Comm Research (Quant. Flag)
- COMM 360: Advanced Organizational Comm.
- General Elective
- General Elective

### Spring Semester

- COMM 209: Group Dynamics (Diversity Flag)
- COMM ST. ELECTIVE B: (323, 324, 385 or 433)
- Humanities Elective
- General Elective
- General Elective

## Senior Year

## Fall Semester

- COMM 301: Presentational Speaking
- ERS Elective
- General Elective
- General Elective
- General Elective

## Spring Semester

- COMM 469: Comm Studies Senior Seminar
- CORE 499: CORE Capstone Reflection
- General Elective
- General Elective
- General Elective
- General Elective

## Note(s):

- A 2.000 cumulative average must be attained in the communication arts courses of the major.

## Computer Science, B.A.

The B.A. in Computer Science allows students room to pursue a second major combined with computer science. This encourages inter- and multi-disciplinary study, developing well-rounded students ready to contribute to an increasingly interdisciplinary world that utilizes computation.

The B.A. in Computer Science consists of 27 hours of computer science courses, MATH 225 and either a second major or a minor that is significantly distinct from the computer science degree.

## Requirements

### Required CSCI Courses

27 credit hours

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms
- CSCI 250 - Languages & Automata
- CSCI 260 - Software Engineering I
  
- CSCI 390 - Senior Seminar & Project BA students are strongly encouraged to create a project that integrates computer science with their second major or minor.

### Required MATH courses

3 credit hours

- MATH 225 - Foundations Of Higher Math

### Required second area of concentration

- Students must complete at least 18 additional credit hours as follows:

- A second major consisting of at least 18 credits that do not double count towards the Computer Science BA
- A minor consisting of at least 18 credits that do not double count towards the Computer Science BA
- A minor consisting of 15 credits that do not double count towards the Computer Science BA plus an additional CSCI Elective from CSCI 210-390

## Note(s):

- Students with math placement below ADV will take CSCI 160 - Mathematical Thinking for CSCI
- We recommend MATH 156 General Statistics; schedule permitting
- A 2.000 cumulative average must be attained in the computer science courses (exclusive of CSCI 160).
- Students are required to fulfill the current senior comprehensive requirements.

## Curriculum

### Freshman Year

#### Fall Semester

- CSCI 170 Computer Science I
- ENGL 101 English Composition or ENGL 115 Rhetoric
- CSCI 160 Mathematical Thinking for CSCI (unless ADV placement)
- Second Language Elective
- THEO 111 Theological Foundations
- CORE 101 Goa

#### Spring Semester

- CSCI 180 Computer Science II
- MATH 225 Foundations of Higher Math
- Second Language Elective 2
- PHIL 100 Ethics as Intro to Philosophy
- CORE 100 First Year Seminar
- CORE 102 Goa 2

### Sophomore Year

#### Fall Semester

- CSCI 220 Data Structures & Algorithms
- 2nd major or minor
- Scientific Perspectives Lecture and Lab
- Theological Perspectives
- Literature & the Moral Imagination

#### Spring Semester

- CSCI 260 Software Engineering
- CSCI 250 Languages & Automata
- 2nd major or minor
- Philosophical Perspectives
- Natural Science Lecture and Lab

## Junior Year

### Fall Semester

- CSCI Elective
- 2nd major or minor
- Creative Perspectives
- Social Science Elective
- Historical Perspectives

### Spring Semester

- CSCI Elective
- 2nd major or minor
- 2nd major or minor
- General Elective or Oral Communication Flag
- E/RS Elective

## Senior Year

### Fall Semester

- CSCI 390 Senior Seminar and Project
- 2nd major or minor
- 2nd major or minor
- Diversity Core Requirement Elective
- Writing Flag Core Requirement

### Spring Semester

- CSCI Elective
- 2nd major or minor
- 2nd major or minor or CSCI Elective
- General Elective (possibly MATH 156 - General Statistics)
- Humanities Elective
- CORE 499

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Computer Science, B.A.**

Please select one of the following:

- Computer Science, B.A.
- Computer Science, B.A. with a Concentration in Cybersecurity

## **Computer Science, B.A. with a Concentration in Cybersecurity**

Xavier's Computer Science degree with a concentration in Cybersecurity is an interdisciplinary effort of the Departments of Computer Science and Business Analytics and Information Systems. The program provides the fundamentals of cybersecurity at the hardware, systems, and compliance levels. The program follows recommendations from the Joint Taskforce on Cybersecurity Education, convened by the Association for Computing Machinery (ACM), the IEEE Computer Society (IEEE CS), the Association for Information Systems Special Interest Group on Security (AIS SIGSEC), and the International Federation for Information Processing Technical Committee on Information

Security Education (IFIP WG 11.8) to cover all of the fundamental knowledge units recommended by the National Security Agency / Department of Homeland Security for Centers of Academic Excellence in Cyber Defense.

## Requirements

In addition to the requirements for the Computer Science, B.A. major, the following courses are required for the concentration:

- MATH 156 Statistics or MATH 256 Introduction to Probability and Statistics
- BAIS 359 Hardware, Software, and Security
- BAIS 459 Introduction to Cyber Security
- CSCI 240 Systems Security Fundamentals
- CSCI 340 Networking
- CSCI 341 Network Vulnerabilities, Penetration, and Defense
- A CSCI course designated as a Cybersecurity Elective

## Curriculum

### Freshman Year

#### First Semester

- CSCI 170 Computer Science I
- ENGL 101 English Composition or ENGL 115 Rhetoric
- CSCI 160 Mathematical Thinking for CSCI (unless ADV placement)
- Second Language Elective
- THEO 111 Theological Foundations
- CORE 101 Goa

#### Second Semester

- CSCI 180 Computer Science II
- MATH 225 Foundations of Higher Math
- Second Language Elective 2
- PHIL 100 Ethics as Intro to Philosophy
- CORE 100 First Year Seminar
- CORE 102 Goa 2

### Sophomore Year

#### First Semester

- CSCI 220 Data Structures & Algorithms
- 2nd major or minor
- Scientific Perspectives Lecture and Lab
- Theological Perspectives
- Literature & the Moral Imagination

#### Second Semester

- CSCI 260 Software Engineering
- CSCI 250 Languages & Automata
- 2nd major or minor
- Philosophical Perspectives

- Natural Science Lecture and Lab

## Junior Year

### First Semester

- CSCI Elective
- 2nd major or minor
- Creative Perspectives
- Social Science Elective
- Historical Perspectives

### Second Semester

- CSCI Elective
- 2nd major or minor
- 2nd major or minor
- General Elective or Oral Communication Flag
- E/RS Elective

## Senior Year

### First Semester

- CSCI 390 Senior Seminar and Project
- 2nd major or minor
- 2nd major or minor
- Diversity Core Requirement Elective
- Writing Flag Core Requirement

### Second Semester

- CSCI Elective
- 2nd major or minor
- 2nd major or minor or CSCI Elective
- General Elective (possibly MATH 156 - General Statistics)
- Humanities Elective
- CORE 499

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Digital Innovation, Film and Television, B.A.**

The Digital Innovation, Film and Television program cultivates students to become responsible, adaptable, and innovative leaders in a complex and rapidly converging digital environment. With a concentration on digital media production and the art of visual storytelling, we endeavor to prepare students through hands-on learning, cross-disciplinary study, team building, and community engagement. Digital Innovation, Film and Television prepares graduates for careers in the creative and corporate digital environments of film, television, broadcasting, producing, multimedia, content creation and in technology areas that are emerging.

Requirements for the Digital Innovation, Film and Television major



## Core Curriculum Requirements

See Undergraduate Core Curriculum , including:

- CSCI 170 (For SAI Students)(Math Core)

## Major Requirements

36 credit hours, as follows

27 hours from:

- COMM 206 - Writing for the Media
- DIFT 210 - Art of Film
- DIFT 213 - Non-Fiction Film
- DIFT 215 - Aesthetics & Tech of Post Prod
- DIFT 250 - Screenwriting & Story Craft
- DIFT 254 - Intro to Video Production
- DIFT 354 - Field Prod and Story Telling
- DIFT 459 - Senior Sem in EMED Adv Prod I
- DIFT 460 - Senior Sem in DIFT Adv Prod II

## 6 hours of Elective A

Select 2 courses from:

- ARTS 215 - Web Design
- COMM 237 - Elements of Copy & Design
  
- DIFT 340 - Audio Production
- DIFT 451 - Introduction to Video Graphics
- DIFT 454 - Advanced Video Editing
- ENGL 310 - Creative Writing: Fiction
- ENGL 318 - Creative Nonfiction
- INNV 101 - Create: Innovation Eng I
- THTR 120 - Acting I

## 3 hours of Elective B

Select 1 course from:

- COMM 209 - Group Dynamics
- COMM 211 - Media Literacy
- COMM 247 - Understanding New Media
- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- COMM 329 - Audience Survey & Research
- COMM 385 - Media, Democracy & the Public
- COMM 426 - Media Law & Policy
- DIFT 214 - Film Criticism
- DIFT 310 - The Horror Film
  
- MUSC 106 - Music In Film
- THTR 210 - Acting I

## Internship

DIFT majors are strongly encouraged but not required to complete an internship in their Junior or Senior year.

- DIFT 348 - Internship in DIFT I
- DIFT 458 - Internship in DIFT II

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## Notes

- A 2.000 cumulative average must be attained in the communication arts courses of each major.
- It is important that students work closely with their academic advisors in the choice of these electives.

## B.A. Digital Innovation, Film and Television

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### Fall Semester

- PHIL 100 - Ethics as Intro to Philosophy
- General Elective
- DIFT 210 - Art of Film
- Second Language I
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

#### Spring Semester

- CSCI 170 - Computer Science I
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Social Science Elective
- Second Language II
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

### Sophomore Year

#### Fall Semester

- COMM 206 - Writing for the Media
- DIFT 213 - Non-Fiction Film
- General Elective
- Scientific Perspectives elective
- PHIL 200 - Philosophical Perspectives

#### Spring Semester

- Historical Perspectives elective
- DIFT 215 - Aesthetics and Tech Post-Prod

- Literature and Moral Imagination 205
- General elective
- Creative Perspectives elective

## Junior Year

### Fall Semester

- DIFT 250 - Screenwriting and Story Craft
- DIFT 254 - Intro To Video Production
- General elective
- Nat. Sci. elective
- Humanities elective

### Spring Semester

- DIFT 354 - Field Prod and Story Telling
- Theological Perspectives elective
- General elective
- General elective
- Major DIFT elective

## Senior Year

### Fall Semester

- DIFT 459 - SR Sem-Elect Media: Adv Prod
- Major course (E/RS elec.)
- General elective (Diversity Flag)
- Major DIFT elective
- General elective

### Spring Semester

- DIFT 460 - Sr Sem Elec Media Adv II
- Major DIFT elective
- Major DIFT elective
- General elective
- General elective

## Notes

- All students must elect one each of oral communications, quantitative reasoning and writing-intensive flagged courses; many of these are available within the core or major.

## Digital Media, B.A.

The Digital Media Major consists of 36 hours of coursework that builds on the courses already implemented in the Digital Media Minor by incorporating the 12-hour core shared by all majors in the Department of Communication (COMM 101, 123, 206 and 329), adopting the department's ethics course, and adding a capstone course that emphasizes research.

# Requirements for the Digital Media Major

## Core Curriculum Requirements

See Undergraduate Core Curriculum

including Mathematical Perspectives requirement of MATH 116 or MATH 156

## Major Requirements:

36 credit hours,

- COMM 101 - Oral Communication
- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 211 - Media Literacy
- COMM 221 - Introduction to Digital Media
- COMM 235 - Digital Design
- COMM 247 - Understanding New Media
- COMM 321 - Advanced Digital Media
- COMM 329 - Audience Survey & Research
- COMM 433 - Social Media Strategies
- COMM 477 - Strat Comm Ethics Society
- COMM 489 - Senior Seminar: Digital Media

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Digital Media

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- COMM 101 - Oral Communication
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- MATH 116 - Elementary Statistics
- CORE 100 - First Year Seminar
- CORE 101 - GOA
- Second Language Elective

#### Second Semester

- COMM 123 - Intro To Comm and Media
- THEO 111 - Theological Foundations
- PHIL 100 - Ethics as Intro to Philosophy
- CORE 102 - GOA
- Historical Perspectives
- Second Language Elective

## Sophomore Year

### First Semester

- COMM 206 - Writing for the Media
- Creative Perspectives
- PHIL 200 - Philosophical Perspectives
- Social Science Elective
- Quantitative Reasoning Flag

### Second Semester

- COMM 211 - Media Literacy
- ENGL 205 - Literature & Moral Imagination
- Theology Perspectives (THEO 200 +)
- Scientific Perspectives
- Natural Science Elective

## Junior Year

### First Semester

- COMM 221 - Intro to Digital Media
- COMM 235 - Digital Design
- Diversity Flag
- General Elective
- General Elective

### Second Semester

- COMM 247 - Understanding New Media
- COMM 329 - Audience Survey & Research
- Writing Flag
- Humanities Elective
- General Elective

## Senior Year

### First Semester

- COMM 321 - Advanced Digital Media
- COMM 477 - Strat Comm Ethics Society
- General Elective
- General Elective
- General Elective

### Second Semester

- COMM 433 - Social Media Strategy
- COMM 489 - Digital Media Senior Seminar
- General Elective
- General Elective

- General Elective

## Economics, B.A.

A degree in Economics provides the student with an understanding of economic issues pertaining to individual firms, industries, the public sector, and the overall economy. The study of economics, supported by the knowledge of Mathematics and Statistics, emphasizes both analytic reasoning and a thorough knowledge of economic institutions. Economics majors analyze such topics as optimal decision-making, consumer welfare and distribution of income, market efficiency, inflation, unemployment, international trade, financial markets, forces of globalization, and governmental economic activity. The program has proven useful to people who have moved into positions in many of the functional areas of business and government. It is also excellent training for graduate study in business, in law, and in economics itself.

### Requirements for the Economics Major

#### Core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including

#### Mathematics:

- MATH 150 - Elements of Calculus I or
- MATH 170 - Calculus I

#### Major Requirements:

33 credit hours, (36 credit hours starting Fall 2016)

#### 18 hours from:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- STAT 211 - Statistics For Business II

#### 15 hours of economics electives:

- Must include 6 hours of ECON courses at the 400 level.

#### Required Capstone Project\*

\*All economics majors are required to take Capstone Project Each student must orally present a paper written in a 400-level economics course to a forum established by the department. Currently, Capstone Project is listed as ECON 491 which carries 0 credit. Starting Fall 2016, Capstone Project (ECON 492 and 493 combined) will be a 3 credit hour course split into ECON 492 and 493.

## Note(s):

- A 2.000 cumulative average must be attained in the above courses.
- Computer competency required. Tutorials are available for students who are deficient in basic computing skills.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Economics

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- MATH 150 - Elements of Calculus I
- Second Language Elective
- First Year Seminar
- PHIL 100 - Ethics as Intro to Philosophy
- ENGL 115 - Rhetoric

Total (15)

#### Second Semester

- ECON 200 - Microeconomic Principles
- ENGL 205 - Literature & Moral Imagination
- THEO 111 - Theological Foundations
- Second Language Elective
- Scientific Perspectives

Total (15)

### Sophomore Year

#### First Semester

- ECON 201 - Macroeconomic Principles
- STAT 210 - Statistics For Business I
- Natural Science Elective
- Diversity Flag
- BAIS 200 - Managing Information Technology

Total (15)

#### Second Semester

- STAT 211 - Statistics For Business II
- Historical Perspectives
- Philosophical Perspectives
- E/RS Elective
- General Elective

Total (15)

## Junior Year

### First Semester

- ECON 305 - Microeconomic Analysis
- Economics Elective
- Creative Perspectives
- Theological Perspectives
- General Elective

Total (15)

### Second Semester

- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- Humanities Perspectives
- Writing Intensive Flag
- General Elective

Total (15)

## Senior Year

### First Semester

- ECON 492 - Capstone Experience in Economics I
- Economics Elective
- Economics Elective
- General Elective
- General Elective
- General Elective

### Second Semester

- ECON 493 - Capstone Experience in Economics II
- Economics Elective
- Economics Elective
- General Elective
- General Elective
- General Elective

Note(s):



\* At least six hours of economics electives must be in the 400- level courses.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.

## Economics, B.A.

Please select one of the following:

- Economics, B.A.
- Economics, B.A. with a Concentration in Mathematics

## Economics, B.A. with a Concentration in Mathematics

Undergraduate majors in both Economics and Mathematics consider graduate programs in Economics or related fields. In order to be accepted into such graduate programs, an undergraduate degree in one of those disciplines is typically required, and extensive and specific training in the other is also needed. This program combines the requirements of a degree in Economics with specific coursework in Mathematics suited for a potential graduate student. Additionally, students who may not pursue a graduate degree program are likely to find the program more marketable for post-graduation.

## Requirements for the Economics major with concentration in Mathematics

### Core Curriculum Requirements:

Undergraduate Core Curriculum

### Economics Major Requirements:

39 (40) credit hours if taking MATH 150 or MATH 170

- MATH 150 - Elements of Calculus I OR
- MATH 170 - Calculus I
  
- BAIS 210 - Quantitative Methods
- BAIS 211 - Intro to Business Analytics
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic

### Mathematics Concentration Requirements:

15 credit hours

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Multivariable Calculus

- MATH 225 - Foundations Of Higher Math

Three Electives from the following:

9 credit hours

- MATH 240 - Linear Algebra
- MATH 340 - Abstract Algebra I
- MATH 360 - Elementary Topology
- MATH 370 - Real Analysis
- MATH 230 - Intro to Ordinary Diff Equat
- MATH 311 - Probability Theory

**TOTAL: 24 credit hours**

**NOTES:**

\* Students who enter the program early should take MATH 170 instead of MATH 150 to avoid duplication of coursework.

ECON 491 requires a sole-authored research project in Economics. This project should satisfy the department's ordinary requirements, while also demonstrating evidence of the student's Mathematics concentration.

Without MATH 150, this program requires 60 credit hours. With overlaps in the core, the degree requires a minimum of 111 credit hours.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Economics, Sustainability and Society, B.A.**

The Bachelor of Arts in Economics, Sustainability and Society is focused on sustainable economics, and includes the study of natural resources, ecological and environmental problems, processes, and policies at local, national and global levels. Students will integrate economic analysis (encompassing attention to questions of efficient allocation, just distribution, and sustainable scale) with cultural studies, global economic development, policy studies, and management through a series of required and elective courses related to economic sustainability in society, organizations and the economy.

### **Requirements for the Economics, Sustainability and Society Major**

#### **Core Curriculum**

- Consult the Undergraduate Core Curriculum requirements of the Catalog.

#### **Major Requirements**

- 42 hours, including:
- ECON 305 - Microeconomic Analysis
- ECON 320 - Natural Resource Economics
- ECON 341 - Econ of Developing Countries
- BAIS 211 - Intro to Business Analytics

## Recommended ECOS Electives I, II & III

- BIOL 398 - SEM: Environmental Studies
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- ECON 395 - Economics of Poverty
- ECON 315 - History of Economic Thought
- ECON 420 - Urban and Regional Economics
- ECON 440 - Public Economics
- ECON 450 - International Economics
- ECON 460 - Labor Economics
- ECON 495 - Markets, Strategy & Rivalry
- MGMT 385 - Project Management
- MGMT 333 - Global Supply Chain Mgmt

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Economics, Sustainability and Society

### Freshman Year

### Fall Semester

- Historical Perspectives
- Language I
- CORE 101
- CORE 100
- ECON 200 - Microeconomic Principles
- ENGL 101 - English Composition OR ENGL 115 - Rhetoric
- Second Language I

TOTAL (15)

### Spring Semester

- ECON 201 - Macroeconomic Principles
- BIOL 120 - Life: Ecology & People
- BIOL 127 - Life Lab: Investigation II
- Second Language II
- MATH 150 - Elements of Calculus I or MATH 170 - Calculus I
- THEO 111 - Theological Foundations
- CORE 102

TOTAL (15)

## Sophomore Year

### Fall Semester

- ECON 320 - Natural Resource Economics
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- STAT 210 - Statistics For Business I
- PHIL 100 - Ethics as Intro to Philosophy
- SUST 301 - Cultural Studies & Sustainability

TOTAL (16)

### Spring Semester

- STAT 211 - Statistics For Business II
- SUST 401 - Cultural Studies & Sustainability Policy
- MGMT 322 - Managing For Sustainability
- PHIL 200 - Philosophical Perspectives
- General Elective (Practicum or Internship preferred)

TOTAL (15)

## Junior Year

### Fall Semester

- ECON 305 - Microeconomic Analysis
- ECON 341 - Econ of Developing Countries
- PHIL 390 - Topics In Political Philosophy
- ECOS Elective
- General Elective

TOTAL (15)

### Spring Semester

- ECON 421 - Environment, Economics & Policy
- Sustainable Econ Development
- Theological Perspectives
- Creative Perspectives
- General Elective (Practicum or Internship preferred)

TOTAL (15)

## Senior Year

## Fall Semester

- ENGL 205 - Literature & Moral Imagination
- ECOS Capstone
- ECOS Elective II
- General Elective
- General Elective

TOTAL (15)

## Spring Semester

- Environmental Policy Seminar
- ECOS Elective III
- General Elective (Practicum or Internship preferred)
- General Elective
- General Elective

TOTAL (14)

## Scheduling Notes:

- Consult the Undergraduate Core Curriculum requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- Diversity Curriculum Elective requirement may be used to satisfy other elements of the core or major.
- A minimum of 120 credit hours is required for the degree.

## English, B.A, with a Writing Concentration

Students who pursue the English B.A. with Writing Concentration will have the ability to focus more deeply on studying, practicing, and researching writing through specialized courses. Students with the Writing Concentration will have significantly more experience with a broad writing curriculum by the time they complete the program.

## Requirements for the English Major with a Writing Concentration

### Core Curriculum Requirements

48-63 Credit Hours dependent on courses taken. See Undergraduate Core Curriculum

### Major Requirements:

36 credit hours

### Required Courses (27 credit hours)

- ENGL 115 - Rhetoric
- ENGL 305 - Professional Writing (Writing Flag/Oral Flag)

- ENGL 499 - Senior Seminar

## Electives (9 credit hours)

- ENGL 301 - Expos/Research Writing
- ENGL 309 - Creative Writing: Poetry
- ENGL 310 - Creative Writing: Fiction
- ENGL 314 - Writing Journals&Autobiography
- ENGL 315 - Composition Tutoring (Writing Flag/Diversity Flag)
- ENGL 318 - Creative Nonfiction
  
- COMM 206 - Writing for the Media
- COMM 237 - Elements of Copy & Design
  
- COMM 371 - Public Relations Writing

## English B.A. with Writing Concentration

### Freshman Year

#### Fall Semester

- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language
- Mathematical Perspectives
- CORE101

#### Spring Semester

- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- PHIL 200 - Philosophical Perspectives
- Literature and the Moral Imagination
- Second Language
- Historical Perspectives
- CORE 102

### Sophomore Year

#### Fall Semester

- ENGL 210 - Methods Workshop
- Scientific Perspectives
- Theological Perspectives (200+ level)
- Quantitative Reasoning Flag
- General Elective

#### Spring Semester

- Theories/Research in Writing

- Language/Linguistics
- Natural Science
- Social Science
- E/RS Elective

## Junior Year

### Fall Semester

- Professional Writing
- English Literature Elective
- Creative Perspectives
- General Electives (6 hours)

### Spring Semester

- Writing Elective
- English Literature Elective
- Diversity Flag
- General Electives (6 hours)

## Senior Year

### Fall Semester

- Writing Elective
- English Literature Elective
- General Electives (9 hours)

### Spring Semester

- ENGL 499 - Senior Seminar
- Writing Elective
- General Electives (9 hours)
- CORE 499

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **English, B.A.**

The major in English is designed to develop writing skills, a critical and historical understanding of the English language and its literature, and a knowledge of current theories of literature, language, and humanistic interpretation. The English major is an excellent preparation for law school and for careers in education, journalism, editing, publishing, and other communications fields. It is also a fine preparation for a variety of business careers and for graduate school in business and, with appropriate science courses, for medical school.

## Requirements for the English Major

## Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

## Major Requirements:

36 credit hours, as follows

### 12 hours from:

- ENGL 115 - Rhetoric
- ENGL 210 - Methods Workshop
- ENGL 221 - Poetry
- ENGL 499 - Senior Seminar

### 6 hours from:

One course each from the following areas:

#### Theory or Criticism

- ENGL 302 - Modern Literary Theory
- ENGL 303 - History of Literary Criticism
- ENGL 337 - Theories & Research in Writing
  
- ENGL 366 - Feminist Theory

#### Language or Linguistics

- ENGL 320 - Topics in Linguistics
- ENGL 321 - Hist of the English Language
- ENGL 322 - Ethnolinguistics
- ENGL 323 - Media and Its Discourses
  
- ENGL 328 - Gender, Religion and Violence

### 9 hours from:

Take one course from THREE of the four areas:

#### Pre-1800 British Lit

- ENGL 368 - British Women Writers
- ENGL 376 - Lit and the Arts In Britain
- ENGL 410 - Chaucer: The Canterbury Tales
- ENGL 411 - Medieval Women's Writing
- ENGL 415 - Early English Literature
- ENGL 425 - Shakespeare
- ENGL 429 - Renaissance Drama
- ENGL 430 - 17th Century Literature



- ENGL 435 - Milton
- ENGL 441 - 18th Cent British Literature
- ENGL 465 - 18th C Novel: Behn to Austen

### Post-1800 British Lit

- ENGL 364 - Jane Austen: Then & Now
- ENGL 375 - Literature & Arts in Ireland
- ENGL 414 - Tolkien
- ENGL 450 - British Romantic Literature
- ENGL 460 - Love, Sex, Gender: Vict Poetry
- ENGL 462 - Victorian Writing
- ENGL 463 - Victorian Poetry and Poetics
- ENGL 464 - Engl Novel: Dickens to Conrad
- ENGL 470 - Modern British Literature
- ENGL 475 - Modern Irish Literature

### Pre-1900 American Lit

- ENGL 358 - Black America Since 1865
- ENGL 468 - Transatlantic Literature
- ENGL 480 - Amer Renaissance: 1830-1865
- ENGL 481 - American Realism: 1865-1915
- ENGL 485 - American Gothic Literature
- ENGL 488 - Humor in American Literature
- ENGL 489 - American Minority Literature

### Post-1900 American Lit

- ENGL 351 - Jewish American Literature
- ENGL 479 - Literature of the America West
- ENGL 482 - Modern American Fiction
- ENGL 483 - Modern American Poetry
- ENGL 484 - African-American Literature
- ENGL 486 - Contemporary Amer Fiction
- ENGL 487 - Contemp American Poetry

### 9 hours of:

- Take three other upper level English courses (ENGL 300-498) (Refer to Course Descriptions)

### Note(s):

- A 2.000 cumulative average must be attained in these English courses.
- Undergraduates who wish to be certified as teachers of English on the secondary level are advised to consult with the Chair of the English Department and with the Office of Teacher Education and Placement regarding specific requirements for teacher certification.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. English

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- ENGL 115 - Rhetoric \*
- CORE 101
- Second Language I
- PHIL 100 - Ethics as Intro to Philosophy
- Mathematical Perspectives core elective
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

Total (15)

### Second Semester

- ENGL 205 - Literature & Moral Imagination
- Historical Perspectives core elective
- Second Language II
- Philosophical Perspectives (PHIL 200)
- CORE 102
- THEO 111 - Theological Foundations or CORE 100

Total (15)

## Sophomore Year

### First Semester

- ENGL 210 - Methods Workshop
- Scientific Perspectives core elective
- Creative Perspectives core elective†
- Theological Perspectives core elective (200+ level)
- Quantitative Reasoning flag

Total (15)

### Second Semester

- ENGL 221 - Poetry
- Theory/Criticism major elective
- Natural Science core elective
- Humanities core elective†
- Social Science core elective

Total (15)

## Junior Year

## First Semester

- British Literature major elective
- American Literature major elective
- Oral Communications flag†
- E/RS core elective†
- General elective

Total (15)

## Second Semester

- British or American Literature major elective
- Language/Linguistics major elective
- Diversity flag†
- General elective
- General elective

Total (15)

## Senior Year

### First Semester

- English major elective
- English major elective
- Writing Intensive flag†
- General elective
- General elective

Total (15)

### Second Semester

- ENGL 499 - Senior Seminar
- General Elective
- General Elective
- General Elective
- English major elective
- CORE 499

Total (15)

## Scheduling Notes:

\* These required courses in the Undergraduate Core Curriculum may be fulfilled with approved English courses.

† These electives or flags in the Undergraduate Core Curriculum may be fulfilled with approved English courses.

## English, B.A.

Please select one of the following:

- English, B.A.

- English, B.A, with a Writing Concentration

## French and Francophone Studies, B.A.

The study of languages, literatures, and cultures is central to a liberal arts education and one of the key disciplines in the humanities. Since the emergence of Jesuit education in the sixteenth century, the studia humanitatis have been at its heart. Like all humanities majors, French challenges students to address pressing and enduring questions about the human condition. In reflecting on the nature and scope of the human itself, humanities majors develop skills and dispositions that remain vital at all stages of their professional and personal lives and result in a fulfilling life. Humanities majors learn how to: ask insightful questions, think flexibly, and develop comfort with diverse approaches to new problems; conduct, synthesize, and interpret research; and communicate effectively.

French majors develop intermediate high- and often advanced low-level proficiency in the spoken and written language. The program supports the study, analysis, and critical interpretation of the literatures and cultures of France and the Francophone world. It prepares students to operate personally and professionally in a broad range of French-speaking environments.

Students are encouraged to combine a modern language major with a second major or a related minor and to speak with faculty advisors about opportunities to incorporate study abroad into their program of study. Our majors go on to use their skills in the classroom, the corporate world, domestic civil service or diplomacy, arts and culture, and many other arenas. Undergraduates who wish to be licensed as teachers are advised to consult with the department education coordinator and with the School of Education regarding specific requirements for language teacher licensure.

### Requirements for the French Major

#### Core Curriculum Requirements:

See Undergraduate Core Curriculum

#### Foreign Language:

- Complete intermediate level proficiency (202 level).

#### Major Requirements:

- Placement test to determine which lower division courses are required.
- Completion of 28 hours of upper division courses (202-499) taught in the foreign language.
- A 2.5 cumulative average must be attained in the major courses.

28 credit hours, as follows

21-27 hours from:

- FREN 202-498 (Refer to Course Descriptions.)

0-6 hours of approved French Studies coursework in English

1 hour of senior project from:

- FREN 499 - Senior Research Project

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## French, B.A.

This is a sample course sequence to illustrate class offerings for this major. Consult your academic advisor.

### Freshman Year

#### Fall Semester

- FREN 101 Introductory French
- CORE 100 First Year Seminar
- Creative Perspectives
- THEO 111 Ignatian Imagination
- ENGL 101 or 115 English Composition or Rhetoric

Total (15)

#### Spring Semester

- FREN 102 Introductory French II
- Historical Perspectives
- Scientific Perspectives
- PHIL 100 Ethics as Intro to Philosophy
- Mathematical Perspectives

Total (15)

### Sophomore Year

#### Fall Semester

- FREN 201 Intermediate French I
- Natural Science Elective
- THEO Elective
- Humanities Elective
- General Elective

Total (15)

#### Spring Semester

- FREN 202 Intermediate French II (Major Elective and ORAL COMMUNICATION FLAG)
- Preapproved Area Studies Elective in English
- PHIL Elective
- CLAS/ENGL/FREN/SPAN/GERM 205 Literature and the Moral Imagination
- General Elective

Total (15)

## Junior Year

### Fall Semester

- FREN Major Elective
- Quantitative Flag Elective
- Social Science Elective
- Diversity Flag Elective
- Preapproved Area Studies Elective in English

Total (15)

### Spring Semester

#### Study Abroad

- FREN Major Elective
- FREN Major Elective
- FREN Major Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### Fall Semester

- FREN Major Elective
- General Elective
- General Elective
- General Elective
- ERS Focus Elective

Total (15)

### Spring Semester

- FREN Major Elective
- Writing Flag Elective
- FREN Senior Project
- General Elective
- General Elective
- General Elective

Total (16)

## **Gender and Diversity Studies, B.A.**

The Gender and Diversity Studies major develops students' critical thinking skills, knowledge base, and intellectual frameworks for analyzing and exploring the nature of diversity. The program focuses on the socioeconomic, political, psychological, and cultural experiences and positions between and among individuals and groups defined by gender, race, sexual orientation, ethnicity, socioeconomic class, age, religious beliefs, and physical/mental abilities.

### Core Curriculum Requirements:

Consult the Undergraduate Core Curriculum of the catalog.

## Required Courses for All Concentrations:

All undergraduate students are required to take thirty-six credit hours of approved courses to fulfill one of three tracks offered in the major;

1. A general major in Gender and Diversity Studies (36 credit hours distributed across the modules).
2. A major in Gender and Diversity Studies with a concentration (18 credit hours required) in Women and Gender.
3. A major in Gender and Diversity Studies with a concentration (18 credit hours required) in Race and Ethnicity.

Students seeking a Women & Gender concentration must choose courses designated (W) below where there is an option to do so.

Students seeking a Race and Ethnicity concentration must choose courses designated (R) below where there is an option to do so.

## Introductory Course:

- SOCW 206 - Intro to Gender & Diversity St

## Theory Course (choose one):

- ENGL 366 - Feminist Theory
- SOCI 365 - Contemporary Social Theory

## Diversity in American Culture Course (choose one):

These courses focus on the impact that the social, economic and cultural struggles of gendered, racial and ethnic minorities and/or women have had on the history and culture of the United States of America.

- ENGL 484 - African-American Literature (R)
- ENGL 489 - American Minority Literature (R)
- HIST 233 - Women In American History (W)
- HIST 324 - African-Am Struggle for Equity (R)
- SOCI 250 - Racial Ethnic Minorities (R)
- SOCI 262 - Gender and Society (W)
- SOCW 318 - Trends in Modern Soc: Race Rel (R)
- SOCW 325 - Gender Identity & Intersection (w)

## Diversity in a Global Context (choose one):

These courses examine how racial, religious, and ethnic differences have shaped the history and culture of different regions across the globe.

- ENGL 344 - Major Black Writers of World (R)
- ENGL 352 - African Literature (R)
- HIST 231 - Transatlantic Slave Trade (R)
- HIST 275 - Urban Imaginaries In Asia (R)
- HIST 395 - History of South Africa (R)
- POLI 219 - Irish Government and Politics
- POLI 224 - Middle East Politics

- POLI 320 - Global Islamic Politics (R)
- SPAN 351 - Latin-American Civilization I (R)
- SPAN 352 - Latin Amer Trad & Pop Cult (R)

## Intersectionality Course (3 credit hours):

A 300-level course that explores both the social construction of identity and multiple axes of identity and difference, taking into consideration the various ways they may interrelate or intersect.

- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- ENGL 359 - Gender & Diversity in Film
- HIST 324 - African-Am Struggle for Equity
- SOCW 315 - Values, Human Rights, Advocacy
- SOCW 318 - Trends in Modern Soc: Race Rel
- SOCW 404 - Rel/Ethics & Profession Pract
- SPMG 410 - Sport Ethics
- THEO 322 - Black Theology
- THEO 358 - Immigration Theology & Ethics
- THEO 372 - Disability, Ethics & Theology

## Capstone Experience (3 credit hours):

In the Spring of senior year, all GDST students will submit a thesis for public defense. Students are expected to independently design and complete a research-based project on a specific diversity studies topic that synthesizes the scholarly literature in at least two of the disciplines that inform diversity studies and presents a clear, arguable thesis supported by evidence drawn from appropriate sources. To this end, students will take a one credit hour thesis direction course in the Fall of senior year, GDST 498. Students will design their projects, identify two faculty readers from two different disciplines, work both independently and in groups, and complete a polished proposal by the end of the course. Students will then sign up for two credit hours of tutorials in the Spring, GDST 499, one with each of their thesis readers. All thesis readers must be GDST affiliated faculty and must be approved by the director of the program as well as the chairs of the faculty members' respective home departments. The focus of the thesis is multidisciplinary and addresses issues concerning gender and diversity studies that stem from the student's own elective concentration or interests. For example, projects may include an internship component or be limited to textual analysis depending on the primary methodologies of the disciplines with which students are working.

## Elective Courses (18 credit hours):

The remaining 18 credit hours elective courses must come from three or more disciplines. Students choosing a Women & Gender or Race & Ethnicity concentration must complete at least nine of their elective credit hours with courses that have the appropriate (W) or (R) designation. Otherwise, students may choose any course approved as a Gender and Diversity Studies elective at the 200-level or above.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Gender and Diversity Studies

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

### Fall Semester

- First Year Seminar OR Theology 111
- PHILOSOPHY 100 Introduction to Ethics
- Historical Perspectives
- Second Language I



- CORE101
- General Elective

## Spring Semester

- Theology 111 OR First Year Seminar
- ENGLISH 101 English Composition
- Mathematical Perspectives
- Second Language II
- Philosophy 200 Philosophical Perspectives
- CORE 102

## Sophomore Year

### Fall Semester

- Intro to Gender and Diversity Studies
- Diversity in American Context course
- Scientific Perspectives
- Writing Intensive Elective
- E/RS elective

### Spring Semester

- Diversity in a Global Context
- Natural Science Elective
- Theological Perspectives
- Creative Perspectives
- General Elective

## Junior Year

### Fall Semester

- Gender and Diversity Studies Intersectionality Course
- Gender and Diversity Studies Elective
- ENGLISH 205 Literature and Moral Imagination
- Humanities Elective
- General Elective

### Spring Semester

- Gender and Diversity Studies Theory Course
- Gender and Diversity Studies Elective
- Soc. Sci core Elective
- Oral Communications Elective
- General Elective

## Senior Year

## Fall Semester

- Gender and Diversity Studies elective
- Gender and Diversity Studies elective
- Gender and Diversity Studies 498 - Gender and Diversity Studies Capstone
- General Elective
- General Elective

## Spring Semester

- Gender and Diversity Studies elective
- Gender and Diversity Studies elective
- Gender and Diversity Studies 498 - Gender and Diversity Studies Capstone
- General Elective
- General Elective

## German, B.A.

The study of languages, literatures, and cultures is central to a liberal arts education and one of the key disciplines in the humanities. Since the emergence of Jesuit education in the sixteenth century, the studia humanitatis have been at its heart. Like all humanities majors, German challenges students to address pressing and enduring questions about the human condition. In reflecting on the nature and scope of the human itself, humanities majors develop skills and dispositions that remain vital at all stages of their professional and personal lives and result in a fulfilling life. Humanities majors learn how to: ask insightful questions, think flexibly, and develop comfort with diverse approaches to new problems; conduct, synthesize, and interpret research; and communicate effectively.

German majors develop a deep knowledge of language and culture, and leverage that knowledge to gain insight into historical, social and political issues. The study of German at Xavier prepares students for interdisciplinary and problem-based inquiry that spans many professions. Students are therefore encouraged to combine a modern language major with a second major or a related minor and to peak with faculty advisors about opportunities to incorporate study abroad into their program of study. Majors go on to use their skills in the corporate world, STEM fields, diplomacy, arts and culture, and many other arenas. Undergraduates who wish to be licensed as teachers are advised to consult with the department education coordinator and with the School of Education regarding specific requirements for language teacher licensure.

## Requirements for the German Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Second Language:

- Complete intermediate level proficiency.

### Major Requirements:

- Placement test to determine which lower division courses are required.
- Completion of 28 hours of upper division courses (202-499) taught in the target language.
- A 2.5 cumulative grade-point average must be attained in the major courses.

28 credit hours, as follows

27 hours of courses in language, literature, and culture:

- Refer to Course Descriptions

0-6 hours of approved German Studies coursework in English

1 hour of senior research project:

- GERM 499 - Senior Research Project

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. German

This is a sample course sequence to illustrate class offerings for this major. Consult your academic advisor.

### Freshman Year

#### Fall Semester

- GERM 101 Introductory German
- CORE 100 First Year Seminar
- Creative Perspectives
- THEO 111 Ignatian Imagination
- ENGL 101 or 115 English Composition or Rhetoric

Total (15)

#### Spring Semester

- GERM 102 Introductory German II
- Historical Perspectives
- Scientific Perspectives
- PHIL 100 Ethics as Intro to Philosophy
- Mathematical Perspectives

Total (15)

### Sophomore Year

#### Fall Semester

- GERM 201 Intermediate German I
- Natural Science Elective
- THEO Elective
- Humanities Elective
- General Elective

Total (15)

## Spring Semester

- GERM 202 Intermediate German II (Major Elective and ORAL COMMUNICATION FLAG)
- Preapproved Area Studies Elective in English
- PHIL Elective
- CLAS/ENGL/FREN/SPAN/GERM 205 Literature and the Moral Imagination
- General Elective

Total (15)

## Junior Year

### Fall Semester

- GERM Major Elective
- Quantitative Flag Elective
- Social Science Elective
- Diversity Flag Elective
- Preapproved Area Studies Elective in English

Total (15)

### Spring Semester

#### Study Abroad

- GERM Major Elective
- GERM Major Elective
- GERM Major Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### Fall Semester

- GERM Major Elective
- General Elective
- General Elective
- General Elective
- ERS Focus Elective

Total (15)

### Spring Semester

- GERM Major Elective
- Writing Flag Elective
- GERM Senior Project
- General Elective
- General Elective
- General Elective

Total (16)

# Graphic Design. B.A.

Graphic Design is the process of visual problem-solving on a 2D surface. The field of Graphic Design continues to grow and become a powerful force in the creation of our contemporary society and culture. The Bachelor of Arts in Graphic Design provides students the techniques, processes, aesthetics, and creative approaches of Graphic Design, all from a fine arts perspective. Students are prepared with dynamic portfolios that show a range of innovative thinking, technical prowess, and aesthetics sensibility. Real-world experiences in the form of mentoring, portfolio reviews, and internships enable the students to be competitive designers.

## Requirements for a Major in Graphic Design

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Major Requirements:

55 credit hours, as follows:

- ARTS 100 - Freshman Seminar
- ARTS 101 - 2D
- ARTS 102 - Drawing I
- ARTS 105 - 3D
- ARTS 270, 271 or 272 - Art History Elective
- ARTS 108 - Photography I
- ARTS 441 - Junior Seminar
- ARTS - History of Graphic Design
- ARTS 142 - Intro to GD
- ARTS 242 - Typography
- ARTS 342 - packaging
- ARTS 442 - New Media
- ARTS 215 - Web Design
- ARTS 315 - Adv. Web Design
- ARTS 214 - Tech for Artists
- ARTS 493 - Design Internship
- ARTS 490 - Snior Thesis
- Track Course
- Track Course

### Note(s):

- In the spring semester of the sophomore year the prospective art major will present a portfolio for evaluation. Acceptance or rejection from the Department of Art will be based upon this evaluation.
- A minimum grade of "C-" must be attained in all art courses to count toward an art major degree.
- A recommended program sequence is available for each of the concentrations.
- Introductory courses (or equivalent with permission of the instructor) are prerequisites for all advanced courses.

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A., Graphic Design

### Freshman Year

## First Semester

- Art 100: Seminar
- Art 101: 2D Design
- Art 102: Drawing
- Core 100 or Theology 111
- Second Language I
- Computer Science 170: Computer Science
- Core 101

## Second Semester

- Art 105: 3D Design
- Art 142: Graphic Design I
- English 101 or English 115
- Core 100 or Theology 111
- Core 102
- Second Language II
- Computer Science 180: Computer Science II

## Sophomore Year

### First Semester

- Track Course
- Art 242: Layout & Print Production
- Art 270, 271, 272: Art History Elective
- English 205
- Philosophy 100
- Art 215: Web Design

### Second Semester

- Art 342: Package Design
- Art 214: Technology for Artists
- Art 108: Photography I
- Art 493: Internship
- Philosophy 200: Philosophical Perspectives
- Theology 200+ Theological Perspectives

## Junior Year

### First Semester

- Art 441: Junior Seminar
- Art 108: Photo I
- History of Art Elective

- Oral Communications Flag
- Natural Science Elective

## Second Semester

- Art 442: Advanced Typography
- Art 493: Internship
- Mathematical Perspectives Elective
- DCR Flag Elective
- Social Science Elective
- Humanities Elective

## Senior Year

## First Semester

- Art 315: Advanced Web Design
- Arts Elective (204 or 208)
- Art 493: Internship
- E/RS Flag
- Quantitative Reasoning Flag
- Writing Intensive Flag

## Second Semester

- Art 490: Senior Concentration
- Track Course
- Historical Perspectives Elective
- Scientific Perspectives Elective
- General Elective
- Core 499

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Consider a Applied Computation Certificate or Advertising Minor

## History, B.A.

The History major provides an excellent foundation for careers in business, education, law, and public service. The study of history enables students to find and evaluate a wide variety of information and develops analytic and critical skills. The study of history also encourages students to examine closely the institutions, ideas, and systems that shape our world. Requirements for the history major broaden students' understanding of other cultures and their historical interconnections, and thereby sharpen the skills essential to all historical inquiry. History makes a unique contribution to a liberal education. It requires the attainment of a sympathetic appreciation of events and developments seen, not in isolation, but as part of a complex process. The study of history is compatible with any minor, including business, to prepare students for success in their career and professional choices.

## Requirements for the History Major

## Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

### History Requirement:

- Included within the major.

### Major Requirements:

36 credit hours, as follows

3 hours of Historical Perspectives \*

6 hours with completion of one of the following survey course sequences:

- HIST 105 and 106
- HIST 123 and 124
- HIST 133 and 134
- HIST 143 and 144
- HIST 151 and 152
- HIST 161 and 162
- HIST 200 and 201
- HIST 247 and 248

\* Students can satisfy Historical Perspectives by taking 9 hours of survey courses.

21 hours of additional electives from HIST 200-399:

- HIST 200-399 (Refer to Course Descriptions.)

6 hours of two seminars from HIST 400-498:

- HIST 400-498 (Refer to Course Descriptions.)

Also included must be two courses each, at any level, in:

- (1) U.S., (2) European, (3) African, Asian, or Latin American history.

### Note(s):

- A 2.000 cumulative average must be attained in these history courses.

## Public History Concentration



History majors have the option to add a concentration in Public History by completing the following additional courses.

- HIST 290 - Introduction to Public History
- HIST 415 - Practicum in Public History

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

### B.A. History

This block serves as a guideline for progress toward a degree. See your academic advisor.

#### Freshman Year

##### First Semester

- Science Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or First Year Seminar
- Historical Perspectives Elective
- Scientific Perspectives Elective
- Second Language I

Total (15)

##### Second Semester

- Foreign Language Elective (3)
- Science Elective (3)
- THEO 111 - Theological Foundations or First Year Seminar
- PHIL 100 - Ethics as Intro to Philosophy
- Creative Perspectives Elective
- Second Language I
- Mathematical Perspectives Elective

Total (15)

#### Sophomore Year

##### First Semester

- History Sophomore Colloquium
- History Survey I
- Lit. & Moral Imagination
- Social Sciences Elective
- Theological Perspectives Elective

Total (15)

## Second Semester

- History Elective
- History Survey II
- Natural Science Elective
- Philosophical Perspectives Elective
- General Elective

Total (15)

## Junior Year

### First Semester

- History Elective
- History Elective
- E/RS Elective
- General Elective
- General Elective

Total (15)

### Second Semester

- History Elective
- History Elective
- General Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### First Semester

- History Elective
- History Seminar
- General Elective
- General Elective
- General Elective

Total (15)

### Second Semester

- History Seminar
- General Elective
- General Elective
- General Elective
- General Elective

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Students may satisfy diversity-, writing-, oral-, and quantitative-flag courses in the history department, but are not required to do so.

## International Studies, B.A.

International Studies is an interdisciplinary program that is inspired by Xavier's Jesuit tradition to prepare men and women for others as informed, ethically aware citizens who can thrive in today's global society. By majoring in international studies, you will:

- Learn to assess international developments, trends, dilemmas and policy issues.
- Develop critical thinking skills and tools necessary for successful engagement with an increasingly interconnected world.
- Engage in interdisciplinary study in language, history, political science and economics to shape an informed and comprehensive world view.

Majors choose one of the following concentrations:

1. Global Environment and Sustainability
2. Global culture and Societies
3. International Politics, Development and Economy
4. Population and Migration

International studies majors take a variety of courses from many disciplines, including:

- Language courses that emphasize culture, history and literature
- Political science courses in comparative politics and international relations
- History courses that provide in-depth analysis of an area of the world
- Microeconomics and macroeconomics

Study abroad or an internship in an international business or non-governmental organization is a required component in the program. Students are encouraged to study abroad through one of Xavier's many programs. They may also participate in Xavier's academic service learning semesters.

## Requirements for the International Studies Major

### Requirements in the Core Curriculum:

Undergraduate Core Curriculum , including:

#### Economics:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

#### Language:

- Intermediate proficiency plus 6 hours of 300 level courses

#### Mathematics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics

## Required courses for all concentrations: (13 credits)

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations
  
- ECON 300 - Int'l Trade & Bus Environment
- POLI 372 - International Political Econom

## Electives (18 credits)

As electives, students need to take 4 elective courses in a thematic concentration. These courses need to be in at least two different disciplines. In addition, students need to take two courses about a specific regional area, with at least one of them historical in scope (and preferable in modern/contemporary history of the region).

### Global Environment and Sustainability:

**Note:** It is highly recommended to take BIO 120/136 as Natural Science elective or Scientific Perspectives.

- BIO 250/251 - Ecology
- HIST 199 - Global Environmental History
- ECON 341 - Economy of Developing Countries
- ECON 320 - Natural Resource, Ecological and Environmental Economics
- HIST 398 - History of Agriculture (US, Europe and Africa)
- HIST 362 - Global Culture & Publics
- POLI 372 - International Political Economy (cannot double count)
- SOCI 240 - Population and Globalization
- SUST 301 - Cultural Studies & Sustainability
- SUST 401 - Sustainable Development
- SPAN 359 - Community Engagement in Peru (tied to XU study abroad program in Peru)
- ENGL 319 - Writing as Social Action
- Selected ENGL 205/GERM 205/FRENCH 205/ SPAN 205/ PHIL 200 by permission (cannot double count for Core)

### Global Culture and Societies:

- HIST 199 - History of Modern Civil Resistance (focuses on US, Gandhi, South Africa, Polish Solidarity)
- HIST 231 - Transatlantic Slave trade
- HIST 362 - Global Culture & Publics
- HIST 481 - US-Mexico Borderland
- SOCI 180 - Culture & Society
- SOCI 240 - Population and Globalization
- POLI 320 - Global Islamic Politics
- SUST 301 - Cultural Studies & Sustainability
- ENGL 302 - Modern Literary Theory
- ENGL 352 - African Literature
- ENGL 319 - Writing as Social Action
- GERM 350/351 - German Culture I/II
- SPAN 309 - Contemporary Issues in the Spanish speaking World
- SPAN 352 - Latin American traditions and popular culture
- ITAL 258 - Italian Culture and Civilization
- FREN 325 - Global Food
- FREN 350/351 - French Culture & Civilization I & II
- THEO 306 - Liberation Issues and Theology
- THEO 355 - Introduction to Islam
- THEO 345 - The Challenge of Peace
- HIST 199 - Capitalism and its Discontents
- HIST 199 - Imperialism
- Selected ENGL 205/GERM 205/SPAN 205/FRENCH 205/PHIL 200 by permission (cannot double count for Core)

### International Politics, Development and Economy

- ECON 300 - International Trade and Business Environment (cannot double count)

- ECON 341 - Economy of Developing Countries
- ECON 320 - Natural Resource, Ecological and Environmental Economics
- HIST 398 - History of Agriculture (US, Europe and Africa)
- POLI 374 - US Foreign Policy
- POLI 372 - International Political Economy (cannot double count)
- POLI 120 - Comparative Government and Politics (cannot double count)
- POLI 277 - International Relations (cannot double count)
- SUST 401 - Sustainable Development
- HIST 199 - Capitalism and its discontents
- HIST 199 - Imperialism
- HIST 422 - The Experience of Modern War
- POLI 275 - Politics of War and Peace
- POLI 368 - Politics in Dictatorship
- POLI 390 - Seminar: International Relationships
- POLI 234 - Chinese Politics
- SPAN 309 - Contemporary Issues in the Spanish Speaking World
- ENGL 319 - Writing as Social Action
- THEO 345 - The Challenge of Peace
- Selected ENGL 205/FRENCH 205/GERM 205/SPAN 205/PHIL 200 by permission (cannot double count for Core)

## Population and Migration:

- HIST 199 - Immigration to America
- HIST 199 - Africans in the Americas
- HIST 362 - Global Culture & Publics
- SOCI 240 - Population and Globalization
- SPAN 331 - Latino Voices in the Community
- ENGL 319 - Writing as Social Action
- HIST 231 - Transatlantic Slave trade
- HIST 481 - US-Mexico Borderland
- POLI 320 - Global Islamic Politics
- SPAN 309 - Contemporary Issues in the Spanish Speaking World
- HIST 422 - The Experience of Modern War
- ENGL 319 - Writing as Social Action
- THEO 358 - Immigration Theology and Ethics
- Selected ENGL 205/GERM 205/FRENCH 205/SPAN 205/PHIL 200 by permission (cannot double count for Core)

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. International Studies

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

### First Semester

- Comparative Government and Politics (POLI 120) or International Relations (POLI 277)
- PHIL 100
- Second Language I
- Composition 101
- First Year Seminar (CORE100)
- CORE 101

Total (15)

## Second Semester

- Introduction to International Studies (INST 100)
- MATH 116/MATH 156
- Second Language II
- THEO 111
- ECON 200
- CORE 102

Total (15)

## Sophomore Year

### First Semester

- ECON 300 or POLI 372
- ECON 201
- Historical Perspectives
- Second Language III
- Scientific Perspectives

Total (15)

### Second Semester

- ENGL 205/SPAN 205/FRENCH 205/GERM 205
- Creative Perspectives
- Quantitative Reasoning Flag
- Second Language IV
- Theological Perspectives
- INST 201

Total (16)

## Junior Year

### First Semester

- Concentration Elective I
- Concentration Elective II
- Philosophical Perspectives
- Second Language V
- Natural Science + Lab Elective

Total (15)

### Second Semester

- Concentration Elective III
- Concentration Elective IV
- Second Language VI
- ER/S Elective
- Oral Communications Elective

Total (15)

## Senior Year

### First Semester

- Concentration Elective V
- Concentration Elective VI
- Diversity Curriculum Flag
- Writing Intensive Flag
- General Elective

Total (15)

### Second Semester

- CORE 499
- General Elective
- General Elective
- General Elective
- General Elective
- General Elective

Total (15)

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses need to be in at least two different disciplines. In addition, students need to take two courses about a specific regional area, with at least one of them historical in scope

## Modern Language and International Economics, B.A.

Anyone working in the international arena - whether in international relations, for an international organization, or in business - needs to work with people from around the world and have a deep understanding of the global economic environment. Students receive this mix with the interdisciplinary major that is offered jointly by the Departments of Modern Languages and Economics. The blended coursework provides students with:

- A solid foundation in French, German, or Spanish.
- The skills to address international economic issues and work in the global arena.
- A sound understanding of the cultures that exist across the global economy.

The B.A. in Modern Languages and International Economics requires students to select a modern language *concentration* from French, German or Spanish. The senior research and the directed study courses in each concentration are the capstone courses, and they are jointly directed by faculty members in Modern Languages and Economics. Students are prepared and encouraged to pursue internships and exchange programs abroad. To plan courses, study- or work-abroad, and your future career, please contact faculty advisors in the Modern Language Department or the Economics Department.

### Requirements for the Major

#### Core curriculum requirements:

64 credit hours, including

## Foreign Language:

- Complete intermediate level proficiency (202 level).

## Literature:

- Can be fulfilled with a course in the concentration portion of the major.

## Mathematics:

- MATH 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

## Social Sciences:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

52 credit hours, as follows

### 24 hours of specific courses from:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 300 - Int'l Trade & Bus Environment
- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- ECON 450 - International Economics
- STAT 210 - Statistics For Business I or
- MATH 156 - General Statistics

### 6 hours from:

- ECON 310-499 (Refer to Course Descriptions), which must include 3 hours of ECON courses at the 400 level.

### 22 hours of courses in a chosen concentration:

## French:

- 21 hours from FREN 300-490 (Refer to Course Descriptions);
- 1 hour of senior research from FREN 499



## German:

- 21 hours from GERM 300-490 (Refer to Course Descriptions.)
- 1 hour of senior research from GERM 499

## Spanish:

- 21 hours from SPAN 300 or SPAN 301 with SPAN 302, SPAN 303, SPAN 306
- 9 hours of electives from SPAN 304-490 (Refer to Course Descriptions.)
- 1 hour of senior research SPAN 499

## Note(s):

- A 2.000 cumulative average must be attained in these required and concentration courses.
- The senior research and the directed study courses are the capstone courses are jointly directed by faculty members in Modern Languages and Economics.
- Students are prepared and encouraged to pursue internships and exchange programs abroad. To plan courses, study- or work-abroad, and your future career, please contact faculty advisors in the Modern Language Department or the Economics Department.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Modern Language & International Economics

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- THEO 111 - Theological Foundations
- MATH 150 - Elements of Calculus I
- Modern Language 300+ (3)
- History I Elective (3)
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

Total (15)

#### Second Semester

- PHIL 100 - Ethics as Intro to Philosophy
- STAT 210 - Statistics For Business I
- Modern Language 300+ (3)
- History II Elective (3)
- ECON 200 - Microeconomic Principles

Total (15)

### Sophomore Year

## First Semester

- ECON 201 - Macroeconomic Principles
- INFO 301
- Theo Scrip/Hist or Christ Sys Elective (3)
- Modern Language 300+ (3)
- Literature Elective (3)
- Cultural Diversity Elective (1)

Total (16)

## Second Semester

- ECON 307 - Empirical Analysis in Economics
- PHIL 290 - Theory of Knowledge
- ENGL 205 - Literature & Moral Imagination or CLAS 205 - Classical Lit & Moral Imagination or SPAN 205 - Hispanic Lit & Moral Imagination
- Modern Language 300+ (3)
- Theology Ethics or Rel/Cult Elective (3)

Total (15)

## Junior Year

### First Semester

- ECON 300 - Int'l Trade & Bus Environment
- ECON 305 - Microeconomic Analysis
- Fine Arts Elective (3)
- Science Elective (3)
- Modern Language 300+ (3)

Total (15)

### Second Semester

- ECON 306 - Macroeconomic Analysis
- Philosophy Elective (3)
- Economics Elective (3)
- Science Elective (3)
- Modern Language 300+ (3)

Total (15)

## Senior Year

### First Semester

- ECON 450 - International Economics

- Science Elective (3)
- Modern Language 300+ (3)
- General Electives (6)

Total (15)

## Second Semester

- Economics Elective (3)
- General Electives (9)
- E/RS Focus Elective (3)
- Modern Language (senior thesis) (1)

Total (16)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.

## Music, B.A.

Please choose one of the following options:

- Music, B.A. with Music Performance concentration
- Music, B.A. with Music Production concentration

## Music, B.A. with Music Performance concentration

### Requirements for the Music Major - Music Performance concentration

#### Core Curriculum Requirements:

42 credit hours in addition to the requirements for the major (see Undergraduate Core Curriculum in the Catalog).

#### Major Requirements:

36 credit hours, as follows

#### Music Courses

- MUSC 127 - Electronic Music
- MUSC 199 - Recital Attendance (6 semesters)
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- MUSC 208 - Keyboard Skills I
- MUSC 209 - Keyboard Skills II
- MUSC 210 - Music History I
- MUSC 211 - Music History II
- MUSC 300 - Music Theory III

- MUSC 301 - Aural Skills III
- MUSC 303 - Aural Skills IV

#### 6 hours of Private Lessons from:

- MUSC 276-299 (Refer to Course Descriptions)

#### 6 hours of participation in a large ensemble:

- MUSC 260 - Concert Choir
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 270 - Chamber Orchestra

#### Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons.

#### Note(s):

- A 2.000 cumulative average must be attained in these music courses.
- For the Student Handbook see <https://www.xavier.edu/music-department/documents/student-handbook.pdf>

### TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Music

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- MUSC 200: Music Theory I [Quantitative]
- MUSC 201: Aural Skills I
- MUSC 208: Keyboard Skills I
- Private Lesson 1
- Large Ensemble 1
- CORE 100: First-Year Seminar
- CORE 101: First-Year Co-Curricular Passport
- ENGL 101 or ENGL 115
- Foreign Language Elective 1

Total (16)

#### Second Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- MUSC 202: Music Theory II
- MUSC 203: Aural Skills II
- MUSC 209: Keyboard Skills II
- Private Lesson 2
- Large Ensemble 2
- CORE 102: First-Year Co-Curricular Passport
- Foreign Language Elective 2
- PHIL 100: Ethics as Intro to Philosophy
- THEO 111: Theological Foundations

Total (16)

## Sophomore Year

### First Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- MUSC 210: Music History I
- MUSC 300: Music Theory III
- MUSC 301: Aural Skills III
- Private Lesson 3
- Large Ensemble 3
- Scientific Perspectives
- ERS Elective

Total (15)

### Second Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- MUSC 211: Music History II [Writing]
- MUSC 303: Aural Skills IV
- Private Lesson 4
- Large Ensemble 4
- Mathematical Perspectives
- Natural Science Elective
- Oral Communication Flag

Total (15)

## Junior Year

### First Semester

- MUSC 127: GarageBand, Logic & More
- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- Private Lesson 5
- Large Ensemble 5
- Theological Perspectives
- ENGL/CLAS/SPAN 205: Lit. & Moral Im.
- Free Elective

Total (14)

## Second Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- Private Lesson 6
- Large Ensemble 6
- Diversity Flag
- Free Elective
- Free Elective
- Free Elective

Total (14)

## Senior Year

### First Semester

- Philosophical Perspectives (PHIL 200)
- Free Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

### Second Semester

- Historical Perspectives
- Social Science Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

## **Music, B.A. with Music Production concentration**

### Requirements for the Music Major - Music Production concentration

#### Core Curriculum Requirements

42 credit hours in addition to the requirements for the major (see Undergraduate Core Curriculum in the Catalog)

#### Major Requirements

39 credit hours, as follows

## Music Courses:

- MUSC 199 - Recital Attendance (x6)
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- MUSC 208 - Keyboard Skills I
- MUSC 209 - Keyboard Skills II
- MUSC 210 - Music History I
- MUSC 211 - Music History II
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- MUSC 303 - Aural Skills IV

## Music Production Courses

- MUSC 127 - Electronic Music
- DIFT 340 - Audio Production

## 4 hours of Private Lessons from:

- MUSC 276-299, MUSC 425 (Refer to Course Descriptions)

## Participation in a ensemble:

2 credit hours

- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 266 - Chamber Music
- MUSC 270 - Chamber Orchestra
- MUSC 271 - Jazz Orchestra

## Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons.

## Notes

- A 2.000 cumulative average must be attained in these music courses.
- For the Student Handbook see <https://www.xavier.edu/music-department/documents/student-handbook.pdf>

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Music

This block serves as a guideline for progress toward a degree. See your academic advisor.

The downloadable engagement plan for this degree includes the schedule below in tabular form.

## Freshman Year

### First Semester

- MUSC 199: Recital Attendance
- MUSC 200: Music Theory I
- MUSC 201: Aural Skills I
- MUSC 208: Keyboard Skills I
- Ensemble 1
- CORE 100: First-Year Seminar
- CORE 101: First-Year Co-Curricular Passport
- ENGL 101 or ENGL 115
- Second Language Elective 1

Total (15)

### Second Semester

- MUSC 199: Recital Attendance
- MUSC 202: Music Theory II
- MUSC 203: Aural Skills II
- MUSC 209: Keyboard Skills II
- Ensemble 2
- CORE 102: First-Year Co-Curricular Passport
- Second Language Elective 2
- PHIL 100: Ethics as Intro to Philosophy
- THEO 111: Theological Foundations

Total (15)

## Sophomore Year

### First Semester

- MUSC 127 - GarageBand, Logic & More
- MUSC 199: Recital Attendance
- MUSC 210: Music History I
- MUSC 300: Music Theory III
- MUSC 301: Aural Skills III
- Private Lesson 3
- Ensemble
- Scientific Perspectives

Total (15)

### Second Semester

- MUSC 199: Recital Attendance
- DIFT 340 - Audio Production
- MUSC 211: Music History II
- MUSC 303 - Aural Skills IV
- Private Lesson
- Ensemble
- Mathematical Perspectives
- Natural Science Elective

Total (15)



## Junior Year

### First Semester

- MUSC 199: Recital Attendance
- MUSC 342: Studio Production
- MUSC 342 - Studio Production
- Theological Perspectives
- Humanities Elective
- ERS Elective
- ENGL/CLAS/SPAN 205: Literature & Moral Imagination

Total (15)

### Second Semester

- MUSC 199: Recital Attendance
- MUSC 405 - Internship
- Free Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

## Senior Year

### First Semester

- Philosophical Perspectives (PHIL 200)
- Free Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

### Second Semester

- Historical Perspectives
- Social Science Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

## **Musical Theatre, B.A.**

Xavier University's theatre department combines practical experiences and professional collaborations with a rigorous curriculum. The Bachelor of Arts Degree in Musical Theatre offers students the opportunity to develop the skills necessary to be a successful musical theatre artist. The program prepares students for professional experience outside of Xavier by fostering a practical, cross-cultural and student-oriented curriculum

## Requirements

## Core Curriculum

See Undergraduate Core Curriculum

## Major Requirements

56 credit hours

### Theatre Courses

46 credit hours

- THTR 100: Introduction to Theatre
- THTR 120: Acting I
- THTR 150: Stagecraft
- THTR 195: Voice and Movement Ensemble
- THTR 196: Musical Theatre Studio
- THTR 197: Voice for Theatre Majors
- THTR198: Theatre Tech. Workshop
- THTR199: Theatre Perf. Workshop
- THTR 205: Theatre History I
- THTR 206: Theatre History II
- THTR 208: Vocal Health and Wellness for Actors
- THTR 209: Hearing for the Musical Theatre Actor
- THTR 211: Script Analysis
- THTR 219: American Musical Theatre
- THTR 221: Auditions
- THTR 232: Advanced Musical Theatre
- THTR 320: Acting II
- THTR 460: Senior Musical Theatre Thesis

### Dance/Movement Courses

10 credit hours

- Jazz
- Tap
- Ballet
- Elective
- THTR 250: Alexander Technique

### General Electives

10 credit hours

### Additional Requirements

- Participation and Attendance in Studio Class each semester
- Pass a comprehensive musical theatre exam during the spring semester of senior year.
- At least one participation in a regional audition/interview event (SETC, UPTA, etc.). Event must be approved by faculty.
- Production attendance for all shows in which not cast or holding a technical position.
- Attendance at 20 professional productions outside of Xavier, with at least eight being musical productions.
- Audition for all departmental productions, specifically musicals.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

# Musical Theatre, B.A.

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- ENGL 101/115
- PHIL 100
- CORE 100
- CORE 101
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 100: INTRODUCTION TO THEATRE
- THTR 120: ACTING I
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: BALLET 1

### Second Semester

- THEO 111
- CORE 102
- HISTORICAL PERSPECTIVES
- THTR 197: VOICE FOR THEATRE MAJORS
- THTR 221: AUDITION PROCESS
- DANC: BALLET 2
- THTR 195: VOICE AND MOVEMENT ENSEMBLE
- THTR 199: THEATRE PERFORMANCE WORKSHOP
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 150: STAGECRAFT 3

## Sophomore Year

### First Semester

- SECOND LANGUAGE 1/2
- SOCIAL SCIENCES ELECTIVE
- THTR 205: THEATRE HISTORY I/ORAL FLAG
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- THTR 208: VOCAL HEALTH AND WELLNESS FOR ACTORS
- DANC: JAZZ 1
- THTR 219: AMERICAN MUSICAL THEATRE
- THTR 195: VOICE AND MOVEMENT ENSEMBLE

### Second Semester

- SECOND LANGUAGE 2/2
- LIT AND THE MORAL IMAGINATION
- THTR 206: THEATRE HISTORY II/WRITING FLAG
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- THTR 209: HEARING FOR MUSICAL THEATRE ACTOR 2
- DANC: JAZZ 2
- THTR 232: ADVANCED MUSICAL THEATRE
- THTR 199: THEATRE PERFORMANCE WORKSHOP 1

## Junior Year

### First Semester

- SCIENCE ELECTIVE
- MATH PERSPECTIVES
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: TAP 1
- THTR 250: ALEXANDER TECHNIQUE
- THTR 211: SCRIPT ANALYSIS
- ACTING II
- THTR 195: VOICE AND MOVEMENT ENSEMBLE

### Second Semester

- NATURAL SCIENCE ELECTIVE
- PHILISOPHICAL PERSPECTIVES
- DIVERSITY ELECTIVE
- THEOLOGICAL PERSPECTIVES
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: TAP 2
- THTR 250: ALEXANDER TECHNIQUE
- THTR 198: THEATRE TECHNOLOGY WORKSHOP

## Senior Year

### First Semester

- HUMANITIES ELECTIVE
- QUANTITATIVE FLAG
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: DANCE ELECTIVE 1
- THTR 199: THEATRE PERFORMANCE WORKSHOP
- GENERAL ELECTIVE
- GENERAL ELECTIVE

### Second Semester

- ER&S ELECTIVE
- THTR 460: SENIOR MT THESIS
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: DANCE ELECTIVE 2
- THTR 199: THEATRE PERFORMANCE WORKSHOP
- GENERAL ELECTIVE
- GENERAL ELECTIVE

## Notes

- A 3.000 cumulative average must be attained in the theatre major.
- Students are required to have regular advising meetings with their theatre department advisor.

## Organizational Leadership, B.A.

The Organizational Leadership major is an interdisciplinary program offered by the College of Arts and Sciences through APEX, Adult and Professional Education at Xavier. This transfer friendly major is **only available to APEX/ADC students** and is designed for adult students who want to prepare for leadership positions in organizational settings. Courses are offered in the Accelerated Degree Completion (ADC) format, with classes primarily in accelerated eight week terms during evenings, weekends or online and also in the regular 16 week semester format.

Students acquire broad foundational knowledge, deepened within a specific disciplinary minor and applied in a community based project. Along with the university core curriculum, the 36 credit hour major requirements includes 18 credit hours in leadership development courses, a disciplinary minor and a project based capstone course.

## Requirements

### Core Curriculum

See Undergraduate Core Curriculum

### Major Requirements

#### Leadership Fundamentals

15 credit hours

- MGMT 200 - Organizational Management
- MGMT 309 - Change Management or
- MGMT 312 - Negotiation & Conflict Mgmt
- MGMT 314 - Leadership
- COMM 260 - Organizational Communication
- PSYC 261 - Social Psychology

#### Organizational Leadership Electives

3 credit hours (Choose one)

- COMM 209 - Group Dynamics
- COMM 264 - Persuasion
- COMM 327 - Interpersonal Conflict Mgmt
- COMM 360 - Adv Organizational Comm
- PSYC 321 - Industrial-Organizational Psyc

#### Community Based Capstone

3 credit hours

- ORGL495 - Organizational Leadership Capstone

#### Required Minor

18-24 credit hours

- Business Minor
- Communication Studies Minor
- Cybersecurity Systems Minor
- Gender and Diversity Studies Minor
- Health Services Administration Minor
- Information Systems Minor

- Psychology Minor

**Note:** If courses in a student's minor are duplicative of fundamentals courses, students must take a minimum of 30 credits in the combined major and minor.

## Notes:

- 2.0 cumulative GPA must be attained in major, minor and overall to be in good academic standing
- Must have 18 credit hours in the major. Some major courses could also count toward a minor requirement, so additional ORGL electives may be needed to complete 18 hours for the major.
- All transfer policies apply, including at least half of the major and minor requirements must be taken at Xavier.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Philosophy, B.A.**

The major in Philosophy is the appropriate course of study for a person intending to pursue graduate study in philosophy, and is an excellent preparation for entry into professional schools, law school and for graduate study in the humanities or social sciences.

## Requirements for the Philosophy Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Philosophy requirement:

- Included within the major.

### Major Requirements:

30 credit hours, as follows

#### 15 hours of required courses

- PHIL 100 - Ethics as Intro to Philosophy
- PHIL 200 - Philosophical Perspectives
- PHIL 304 - Early Modern Philosophy
- PHIL 340 - Metaphysics
- PHIL 301 - Ancient Philosophy

#### 3 hours of one of the following

- PHIL 302 - Medieval Christian Philosophy

- PHIL 309 - Medieval Islamic Phil & Influe
- PHIL 363 - Medieval Political Philosophy

12 hours of major electives chosen from:

- PHIL 300-397

Note(s):

- A 2.000 cumulative average must be attained for all PHIL courses.
- At least one course numbered 300-397 must be a **seminar**, which may be restricted to majors, minors, and honors students.

## Departmental Honors Track

Departmental honors enables students who are so inclined to prepare themselves better for graduate study in philosophy, or to pursue a more challenging undergraduate course of study in philosophy.

In addition to the standard requirements for the major, candidates for departmental honors will have to compose a senior thesis while working under the direction of one of our faculty members. The senior thesis project culminates in an oral thesis defense.

Honors Thesis:

- PHIL 398 - Thesis Review I
- PHIL 399 - Thesis Review II

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B. A. Philosophy

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- First Year Seminar (CORE 100)
- Second Language I
- Composition or Rhetoric (ENGL 100/115)
- Philosophy 100
- Creative Perspectives Elective
- CORE 101

#### Second Semester

- Theological Foundations (THEO 111)
- Second Language 2
- Literature and Moral Imagination (ENGL 205)
- Scientific Perspectives Elective
- Oral Communications Flag\*
- CORE 102

## Sophomore Year

### First Semester

- Philosophy 200
- Mathematical Perspectives Elective
- Historical
- Natural Science Elective
- Writing-Intensive Flag\*

### Second Semester

- History of Philosophy
- General Elective
- Social Science Elective
- Theological Perspectives Elective
- Quantitative Reasoning Flag\*

## Junior Year

### First Semester

- History of Philosophy
- Philosophy Elective
- Philosophy Elective
- ERS Elective\*
- General Elective

### Second Semester

- History of Philosophy
- Philosophy 340 Metaphysics
- Philosophy Elective
- Diversity Curriculum Requirement (DCR) Flag\*
- Humanities Elective

## Senior Year



## First Semester

- Philosophy Elective
- Humanities Elective
- General Elective/Thesis Review\*\*
- General Elective
- General Elective

## Second Semester

- General Elective
- General Elective
- General Elective/Thesis Review\*\*
- General Elective
- General Elective

## Scheduling Notes:

- \*The five flags (E/RS, Oral Communication, Writing-Intensive, DCR, Quantitative Reasoning) can be double-counted with major requirements, where possible.
- \*\*Thesis Review is only for students choosing the Philosophy Honors Track. It earns 2 credits first semester and 1 credit second semester.

## **Philosophy, Politics and the Public, B.A.**

### Philosophy, Politics and the Public Curriculum

### Course Requirements

48 Credit Hours

- PHIL 100 - Ethics as Intro to Philosophy (dedicated PPP section)
- PHIL 200 - Philosophical Perspectives (dedicated PPP section)
- PPUB 200 - Power and the Public
  
- ECON 200 - Microeconomic Principles
- ENGL 115 - Rhetoric
  
- ECON 201 - Macroeconomic Principles
- MATH 156 - General Statistics
- HIST 362 - Global Cultures & Publics
- ECON 307 - Empirical Analysis In Economic
- PPUB 400 - Senior Supervision

## Block Schedule

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

## First Semester

- PHIL 100 Ethics as Intro to Philosophy
- ENGL 115 Rhetoric
- Language I
- Historical Perspectives (International or non-Western focus)
- First Year Seminar

## Second Semester

- PHIL 200 Philosophical Perspectives
- PPUB 200 Power and the Public (Diversity Flag )
- Language II
- THEO 111 Theological Perspectives
- ECON 200 Microeconomic Principles (Social Science Elective)

## Sophomore Year

### First Semester

#### Power and Politics Block

- HIST 408 Constructing the Public (Seminar)
- PPUB 210 Campaigns, Politics, and Media
- MATH 156 - General Statistics (Math Perspectives)
- Lit and the Moral Imagination
- Theological Perspectives

#### Civil Society and Government Block

- PPUB 246 Civil Society and Government (Oral Flag )
- One additional course from ECON, HIST, PHIL, POLI, PPUB, or SOCI
- MATH 156 - General Statistics (Math Perspectives)
- Lit and the Moral Imagination
- Theological Perspectives

### Second Semester

#### Power and Politics Block

- HIST 300 Writing in Public (Writing Flag)
- PPUB 211 Public Policy Practice or POLI 328 Legislative Practice
- ECON 201 Macroeconomic Principles
- Scientific Perspectives + Lab
- Creative Perspectives

#### Civil Society and Government Block

- PPUB 211 Public Policy Practice or POLI 328 Legislative Practice (Writing Flag)
- One additional course from ECON, HIST, PHIL, POLI, PPUB, or SOCI
- ECON 201 Macroeconomic Principles
- Scientific Perspectives + Lab
- Creative Perspectives

## Junior Year

### First Semester

- PHIL 336 Liberalism or PHIL 338 Enlightenment and Revolution
- HIST 362 Global Cultures and Publics (Humanities Elective)
- ECON 307 Empirical Analysis in Economics (Quantitative Reasoning Flag)
- 2 Free Electives

## Second Semester

- PHIL 337 Responses to Liberalism or PHIL 339 Revolution and its Aftermath
- Natural Science Elective
- 3 Free Electives

## Summer

Option: Study Abroad Trip

## Senior Year

## First Semester

- PPUB 400 PPP Senior Supervision
- 4 Free Electives

## Second Semester

- PPUB 401 PPP Senior Seminar
- 4 Free Electives

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Political Science, B.A.**

Students in political science pursue answers to the vital questions of equity, justice, and peace in the modern world. Our challenging courses consider the best political and social science literature with a view to gaining a deeper understanding of contemporary domestic and foreign controversies, including those of human rights and democracy, equality and race, poverty and social class, terrorism and war. In this way, students confront the promise and limits of political and social solutions to humanity's gravest problems.

The department offers intellectually stimulating introductory courses in the following fields:

- American Government and Politics
- Comparative Government
- Political Philosophy
- International Relations

Courses go beyond the presentation of "nuts and bolts" to explore underlying issues of real significance. Upper level courses are limited in size and scope, allowing students to debate the political and social issues that are of greatest interest to them.

The department has internship programs in Washington, D.C., Columbus, and Cincinnati that allow students to earn course credit. Students may also earn credit for internship experiences closer to home, or by participating in the department's Summer State Politics Internship Program at the Ohio General Assembly. Students can apply what they learn in their courses to the political and social institutions and processes that they experience as interns.

Faculty in the Political Science department help lead study abroad programs in Ireland and Paris, France. Students are also encouraged to undertake a major undergraduate research project under the supervision of a faculty member and to present their research at an undergraduate research conference. In addition, the department's student-run undergraduate research journal, the Xavier Journal of Politics provides students with opportunities to participate in high-level research by participating in the editorial process or submitting their work for publication.

## Requirements for the Political Science Major

### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

### Social Sciences:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Mathematics:

Choose one of the following:

- MATH 116 - Elementary Statistics
- MATH 156 - General Statistics
- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Multivariable Calculus
- PSYC 210 - Statistical Techniques

### Major Requirements:

33 credit hours, as follows

12 hours of political science courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 140 - American Government and Politi
- POLI 277 - International Relations
- POLI 301 - Political Philosophy

3 hours from a choice of either:

- POLI 390 - Sem: International Relations
- POLI 391 - Sem: American Government

18 hours of political science electives selected from:

- POLI 200-490 (Refer to Course Descriptions.)

### Note(s):

- A 2.000 cumulative average must be attained in the political science courses.
- In addition to formal course work, students are encouraged to include experiential learning in their program if they feel it will contribute to their learning goals and objectives. To accomplish this, the department facilitates intern programs in Washington, D.C., Columbus, and Cincinnati, as well as a local internship program that allows students to engage politics close to home. The Political Science major provides breadth which ensures that the student is well grounded in the discipline and at the same time permits flexibility for concentration in a sub-field.

# TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Political Science

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- Second Language I
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- POLI 120 - Comparative Govt and Politics or POLI 140 - American Government and Politics
- MATH 116 - Elementary Statistics or MATH 156 - General Statistics

Total (15)

#### Second Semester

- POLI 120 - Comparative Govt and Politics or POLI 140 - American Government and Politics
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language II
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- Scientific Perspectives Elective

Total (15)

### Sophomore Year

#### First Semester

- ECON 200 - Microeconomic Principles
- POLI 277 - International Relations
- Quantitative Elective
- Theological Perspectives Elective
- Philosophy 200: Philosophical Perspectives

Total (15)

#### Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 301 - Political Philosophy
- Social Science Elective
- Writing Intensive Elective
- Historical Perspectives

Total (15)

## Junior Year

### First Semester

- ENGL 205 / CLAS 205 / GERM 205 / SPAN 205 - Literature & Moral Imagination
- Political Science Elective #1
- Political Science Elective #2
- ERS Elective
- General Elective

Total (15)

### Second Semester

- Political Science Elective #3
- Political Science Elective #4
- DCR Elective
- Natural Sciences + Lab Elective
- General Elective

## Senior Year

### First Semester

- POLI 390 - Sem: International Relations or POLI 391 - Sem: American Government
- Political Science Elective #5
- Humanities Elective
- General Elective
- General Elective

Total (15)

### Second Semester

- Political Science Elective #6
- Creative Perspectives Elective
- Oral Elective
- General Elective
- General Elective

## Scheduling Notes:

- Summer Study Abroad and Internship courses may reduce the number of POLI electives and credit hours needed during the Fall and Spring semesters.

## **Public Relations, B.A.**

The Public Relations major combines comprehensive theory and specific practical skills, in the context of a humanistic liberal education, to prepare students for public relations careers in the corporate, private nonprofit, and public sectors; or for a broad range of other careers that benefit from careful thinking and clear communication.

## Requirements

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

including Mathematical Perspectives requirement of MATH 116 or MATH 156

### Major Requirements:

36 credit hours, as follows

#### 30 hours from:

- COMM 101 - Oral Communication
- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 211 - Media Literacy
- COMM 270 - Principles of Strategic Comm
- COMM 329 - Audience Survey & Research
- COMM 371 - Public Relations Writing
- COMM 372 - PR Cases and Planning
- COMM 477 - Strat Comm Ethics Society
- COMM 479 - SR Sem: PR Management

#### 3 hours of Elective A, select 1 course from:

- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics

#### 3 hours of Elective B, select 1 course from:

- COMM 247 - Understanding New Media
- COMM 264 - Persuasion
- COMM 301 - Presentational Speaking
- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- COMM 385 - Media, Democracy & the Public
- COMM 426 - Media Law & Policy

#### Note(s):

- A 2.000 cumulative average must be attained in the communication arts courses of the major.
- Since the major recommends certain courses as COMM electives, it is important that students work closely with their academic advisors in the choice of these electives.

# TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Public Relations

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CORE 101 - Goa
- COMM 101 (OC Flag) or COMM 123
- English Composition or Rhetoric
- Second Language elective
- CORE 100 First-Year Seminar or THEO 111 Theological Foundations
- MATH 105 (Math at placement level) or MATH 116 (Math Perspectives)

Total (15)

#### Second Semester

- CORE 102 Goa
- COMM 101 (OC Flag) or COMM 123
- Historical Perspectives
- Second Language elective
- CORE 100 First-Year Seminar or THEO 111 Theological Foundations
- PHIL 100 Ethics as Introduction to Philosophy

Total (15)

### Sophomore Year

#### First Semester

- Communication Course
- Creative Perspectives
- PHIL 200 Philosophical Perspectives
- Social Science elective
- Quantitative Reasoning Flag

Total (15)

#### Second Semester

- COMM 206 (Writing Flag)
- ENGL 205 Literature & the Moral Imagination
- Theology Perspectives (THEO 200+)
- Scientific Perspectives
- Natural Science elective

Total (15)

### Junior Year



## First Semester

- Communication Course
- Communication Course
- Diversity Flag (COMM 323, 324 or other)
- E/R & S Focus Flag (COMM 477)
- General Elective

Total (15)

## Second Semester

- Communication Course
- Communication Course
- Humanities Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### First Semester

- Communication Course
- Communication Course
- General Elective
- General Elective
- General Elective

Total (15)

### Second Semester

- Communication Course
- General Elective
- General Elective
- General Elective
- General Elective

Total (15)

## **Sociology, B.A.**

Sociology is the scientific study of the relationship between human behavior and the larger social and historical context. Sociologists seek to discover regularities and order in social behavior and to express these patterns as theoretical generalizations that apply to a wide range of behaviors and settings. General and specialized areas of study are covered. Specific areas of focus include cultural diversity, inequality, and social change. Requirements are designed to provide a strong foundation in social theory and research methods while allowing students flexibility in the design of their programs. The department encourages experiential learning, including internships and international study abroad. Along with the significant contribution sociology makes to a liberal arts education, the program prepares the Sociology major for graduate study in a variety of fields and a broad range of careers, including: (1) graduate study in sociology, counseling, business, or education, among others; (2) graduate study in the professions, such as law; (3) careers in research, in the public or private arena; (4) careers in organizations, such as administration and consultant positions in business, government, and community agencies and organizations; (5) community change-oriented positions in such fields as nonprofit management, public health, or urban planning. .

## Requirements for the Sociology Major

## Core Curriculum Requirements:

See Undergraduate Core Curriculum

## Mathematics:

Take Statistics with either

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics

## Social Sciences Requirement:

- Included within the major requirements.

## Major Requirements:

30 credit hours, as follows

18 hours as follows:

- SOCI 101 - Introduction to Sociology
- SOCI 180 - Culture & Society
- SOCI 200 - Foundational Social Thought
- SOCI 352 - Investigating Social Life I
- SOCI 353 - Investigating Social Life II
- SOCI 365 - Contemporary Social Theory

12 hours of upper-division electives from:

- SOCI 200-499 (Refer to Course Descriptions )

## Note(s):

- A 2.000 cumulative average must be attained in the sociology courses.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Sociology

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- Second Language
- History I Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
- CORE 100
- CORE 101
- SOCI 101 - Introduction to Sociology

### Second Semester

- Second Language
- Historical Perspectives
- Mathematical Perspectives
- CORE 102
- THEO 111 - Theological Foundations
- SOCI 180 - Culture & Society

## Sophomore Year

### First Semester

- ENGL 205 - Literature & Moral Imagination
- Philosophical Perspectives
- Scientific Perspectives
- Humanities Elective
- SOCI 200 - Foundational Social Theory

### Second Semester

- MATH 116 - Elementary Statistics or SOCI 365 - Contemporary Social Theory
- Theological Perspectives
- Natural Science Elective
- Social Science Elective
- MATH 156 - General Statistics

## Junior Year

### First Semester

- SOCI 352 - Investigating Social Life I
- Creative Perspectives

- Sociology Elective
- General Elective
- General Elective

## Second Semester

- SOCI 353 - Investigating Social Life II
- Sociology Elective
- General Elective
- General Elective
- General Elective

## Senior Year

## First Semester

- Sociology elective
- General elective
- General elective
- General elective
- General elective

## Second Semester

- Sociology elective
- General elective
- General elective
- General elective
- General elective
- CORE 499

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## Spanish, B.A.

The study of language, literature, and culture is central to a liberal arts education, one of the key disciplines in the humanities, and a vital component to developing skills that will be widely applicable in a dynamic, globalized world. Since the emergence of Jesuit education in the sixteenth century, the studia humanitatis have been at its heart. Like all humanities majors, Spanish challenges students to address pressing and enduring questions about the human condition. Humanities majors learn how to: ask insightful questions, think flexibly, and develop comfort with diverse approaches to new problems; conduct, synthesize, and interpret research; and communicate effectively. These habits lead to meaningful lives and fulfilling occupations after the university.

Spanish majors develop proficiency in the spoken and written language. The program supports the study, analysis, and critical interpretation of the cultures of the Hispanophone world. It prepares students to operate personally and professionally in a broad range of Spanish-speaking environments in the USA and internationally.

Virtually all Spanish majors combine studies in language and culture with a second major or a related minor that align with personal or professional goals. All language students should incorporate study abroad opportunities into their plans.

Our majors go on to use their skills in the classroom, the corporate and non-profit worlds, health professions, social services, and many other arenas. Undergraduates who wish to be licensed as teachers should consult with the department education coordinator and with the School of Education regarding specific requirements for language teacher licensure.

# Requirements for the Spanish Major

## Core Curriculum Requirements:

See Undergraduate Core Curriculum

## Foreign Language:

- Complete intermediate level proficiency (202 level).

## Major Requirements:

- Placement test to determine which lower division courses are required.
- A 2.5 cumulative grade-point average must be attained in the major courses.

## 31 credit hours, as follows:

- SPAN 202 - 3 hours (If a student tests into SPAN 300 and begins the major with SPAN 300 or SPAN 301, then the 9 hours of 400-498 applies)
- SPAN 300 or 301 - 3 hours
- SPAN 302-310 - 3 hours
- SPAN 311-399 - 15 hours
- SPAN 400-498 - 6 hours (9 hours if the student begins with SPAN 300 or SPAN 301)
- SPAN 499 - 1 hour

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Spanish

This is a sample course sequence to illustrate class offerings for this major. See your academic advisor.

### Freshman Year

#### Fall Semester

- SPANISH 201
- PHILOSOPHY 100: Ethics as Intro to Philosophy
- ENGLISH 101: English Composition
- Creative Perspective
- First Year Seminar
- CORE 101

#### Spring Semester

- SPANISH 202
- THEOLOGY 111: Theological Foundations
- Mathematical Perspective
- Historical Perspective
- Scientific Perspective
- CORE 102

## Sophomore Year

### Fall Semester

- SPANISH 300
- Philosophical Perspective
- Humanities Elective
- Natural Science Elective
- Writing Intensive Elective

### Spring Semester

- SPANISH Elective
- Theological Perspective
- ENGLISH 205: Literature and Moral Imagination
- General Elective
- Oral Communications Elective

## Junior Year

### Fall Semester

- SPANISH Elective
- SPANISH Elective
- Quantitative Reasoning Elective
- Social Science Elective
- General Elective

### Spring Semester

- SPANISH Elective
- SPANISH Elective
- E/RS Elective
- General Elective
- Diversity Elective

## Senior Year

### Fall Semester

- SPANISH Elective
- SPANISH Elective
- General Elective
- General Elective
- General Elective

## Spring Semester

- SPANISH Elective
- Senior Project
- General Elective
- General Elective
- General Elective
- General Elective

## Theatre, B.A.

Xavier University's Theatre program combines practical experiences and professional collaborations with a rigorous and diverse curriculum. In addition to a strong foundation of theatre courses, the Bachelor of Arts Degree in Theatre offers students the opportunity to focus in either the area of performance or design and technology. The program prepares students for professional experience outside of Xavier by fostering a practical, cross-cultural and student-oriented curriculum.

## Requirements for the Theatre Major

### Core Curriculum Requirements:

See the Undergraduate Core Curriculum.

### Major Requirements

- 48 credit hours, as follows:

### Theatre Foundation Courses, 33 credits from:

- THTR 100 - Introduction to the Theatre
- THTR 110 - Survey of Dramatic Lit
- THTR 120 - Acting I
- THTR 150 - Stagecraft I
- THTR 198 - Theatre Technology Workshop \*
- THTR 199 - Theatre Performance Workshop \*
  
- THTR 210 - Acting I
- THTR 350 - Directing
- THTR 450 - Senior Thesis

### Theatre Performance/Production Courses, 15 credits from:

- THTR 121 - Voice and Movement
- THTR 160 - Improvisation

### Additional Requirements:

- Present justification for Senior Thesis – must be approved by department faculty,
- Pass a comprehensive theatre exam during the spring semester of senior year.
- Participation in at least one regional audition/interview event (SETC, UPTA, etc.). Event must be approved by faculty.

- Production attendance for all shows in which not cast or holding a technical position.
- Attendance at 20 professional productions.
- Audition or submit technical application for all departmental productions.

### Note(s):

- A 3.000 cumulative average must be attained in the theatre major.
- Students are required to have regular advising meetings with their theatre department advisor.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Theatre

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- THEATRE 100 - Intro to Theatre
- THEATRE 120 - Acting I
- CORE 100 - First Year Seminar
- PHILOSOPHY 100 - Ethics as an Introduction to Philosophy
- Second Language I
- CORE 101

#### Second Semester

- THEATRE 110 - Survey of Dramatic Literature
- THEATRE 150 - Stagecraft
- THEOLOGY 111 - Theological Foundations
- ENGLISH 101 - English Composition
- Second Language II
- CORE 102

### Sophomore Year

#### First Semester

- THEATRE 205 - Theatre History I
- Theatre Performance Elective



- Historical Perspectives Elective
- Scientific Perspectives Elective
- Philosophical Perspectives Elective
- THEATRE 198/199 - Theatre Workshop

## Second Semester

- THEATRE 206 - Theatre History II
- THEATRE 211 - Script Analysis
- Mathematical Perspectives elective
- Theological Perspectives Elective
- Theatre Production/Performance Elective
- THEATRE 198/199 - Theatre Workshop

## Junior Year

### First Semester

- Theatre Production/Performance Elective
- General Elective
- General Elective
- Natural Science elective
- Humanities Elective

### Second Semester

- THEATRE 310 - Directing
- THEATRE 198/199 Theatre Workshop
- Social Science Elective
- Literature and Moral Imagination 205
- General elective
- THEATRE 350 - Internship

## Senior Year

### First Semester

- Theatre Production/Performance Elective
- THEATRE 198/199 Theatre Workshop
- General Elective
- General Elective
- General Elective

### Second Semester

- Theatre Production/Performance Elective
- THEATRE 450 - Senior Thesis
- General Elective
- General Elective

## Scheduling Notes:

- Consult the Undergraduate Core Curriculum requirements of the Catalog.
- A minimum of 120 credit hours is required for the degree.

## Theology, B.A.

Theology is the study both of the human experience of God and of the transmission of that experience through religious traditions, doctrines, ethics, and rituals. It is essentially a dialogue between religious traditions and human experience. Such dialogue is critical for human understanding in a time of increased encounters among world religions. The theology faculty attempts to assist students in this critical dialogue through courses about religious traditions, especially the Jewish, Christian, and Muslim traditions, and by other courses that focus on contemporary issues from a theological perspective. The theology major prepares students for graduate studies in theology, law, history, journalism, and other forms of communication, as well as for directing religious education, teaching religious studies in secondary schools, and other forms of ministry. With appropriate counseling, a student can combine this major in the liberal arts with a major in another field (e.g. classics, business, biology, English, history, psychology, secondary education), both for the student's personal enrichment and in view of broader career opportunities.

Undergraduates who attend Xavier University have a unique opportunity to begin work towards their master's degree during their undergraduate programming. The 5-year path, concluding with both the Bachelor of Arts and Master of Arts degrees, provides a focused, cost-effective way for our most qualified undergraduate students to prepare for a broad variety of professional careers in the service of faith and the promotion of justice in a diverse and pluralistic world.

## Requirements for the Theology Major

### Core Curriculum Requirements:

48 credit hours, including

### Theology Requirement:

- Included within the major.

### Major Requirements:

31 credit hours, as follows

#### 12 hours of foundational courses:

- THEO 111 - Theological Foundations
- THEO 209 - Exploring the Christian Past I or  
• THEO 210 - Exploring Christian Past II
- THEO 303 - Christian Ethics: Methods & Q
- THEO 328 - Intro to Christian Scriptures or  
• THEO 351 - Intro to Hebrew Scriptures

#### 3 hours of a common seminar:

- THEO 295 - Map to Theological Diversity

## 1 hour of a theological project:

- THEO 490: Senior Project

## 15 hours of a required concentration:

### Christian Life and Community

In this concentration, majors choose one course from each of the following categories:

- Scripture: The biblical course must be from the testament not chosen as the foundational biblical course.
- Historical Theology: The historical course must be from the period not chosen as the foundational historical course.
- Perspectives on God and the Human Person
- Spirituality
- Community & Christian Practice

### Contemporary Ethical and Religious Challenges

In this concentration, students take THEO 386, Spirituality and Solidarity, and four additional courses from the following categories:

- One course from Scripture: The biblical course must be from the testament not chosen as the foundational biblical course.
- One course in interreligious dialogue or non-Christian religious tradition.
- Any two theology courses from an approved list of courses giving substantive attention to contemporary ethical challenges or to contemporary religious challenges.

### Interfaith Concentration

The Interfaith Concentration offers theology majors an educational experience that prepares them for becoming global citizens by equipping them with conceptual and practical tools to analyze and engage a religiously pluralistic world and to create meaningful and transformative lives. A particular focus is a deep understanding of the impact of the Abrahamic traditions upon contemporary civilization and culture. This concentration would be particularly beneficial for students preparing for campus ministry, as they provide formation in interreligious literacy and collaboration.

Students will take:

- THEO 363: Comparative Theology (required)
- Two courses from this required category. One course must deal substantively with Judaism; one other course must deal substantively with Islam:
  - THEO 283: Jewish-Christian Dialogue
  - THEO 347: Holocaust, Religion and Ethics
  - THEO 352: Judaism: Customs, Practices and Beliefs
  - THEO 354: Race, Gender, and Islam
  - THEO 355: Introduction to Islam
  - THEO 357 Islamic Philosophy and Theology
  - THEO 376 Sufism
  - HIST 262 Jewish Civilization II
  - HIST 263 Jewish Civilization III
- Two elective courses that have substantive content concerning non-Christian religions or interreligious/interfaith encounters:
  - THEO 335 African Religions
  - THEO 342 World Religions
  - THEO 343 Dialogue Among World Religions
  - THEO 359 Confucianism and Taoism
  - THEO 368 Buddhism
  - THEO 374 Buddhist-Christian Exploration
  - THEO 442 Seminar in Israel
  - THEO 444 World Religions and Environment

### Build Your Own Concentration

In this concentration, students, together with the student's faculty adviser and with the approval of the chair, choose a coherent course of studies comprised of five courses, in addition to the foundational courses that every major completes. This option is available only to students who have demonstrated high academic performance and seriousness of purpose in the foundational theology courses. Normally, the student may not choose this option before the completion of at least three of the foundational courses.

## Note(s):

- A 2.000 cumulative average must be attained in the theology courses.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Theology

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- First Year Seminar (CORE 100) (3)
- Second Language 1 (3)
- General Elective (3)
- General Elective (3)

Total (15)

#### Second Semester

- THEO 111 - Theological Foundations
- Second Language 2 (3)
- Historical Perspectives (3)
- General Elective (3)
- General Elective (3)

Total (15)

### Sophomore Year

#### First Semester

- THEO 209 - Exploring the Christian Past I or THEO 351 - Intro to Hebrew Scriptures
- First Theology course in chosen concentration
- PHIL 100 - Ethics as Intro to Philosophy
- Mathematical Perspectives (3)
- Creative Perspectives (3)

Total (15)

#### Second Semester

- THEO 210 - Exploring the Christian Past II or THEO 328 - Intro to Christian Scriptures
- Second Theology course in chosen concentration
- Philosophical Perspectives (3)
- Scientific Perspectives (3)
- General Elective (3)

Total (15)

## Junior Year

### First Semester

- THEO 303 - Christian Ethics: Methods & Questions
- THEO 295 - Map to Theological Diversity
- Literature 205 - Literature & Moral Imagination
- Natural Sciences Elective (3)
- Oral Communications Flag\*\*

Total (15)

### Second Semester

- Third Theology course in chosen concentration
- Fourth Theology course in chosen concentration
- Diversity Core Requirement (DCR) Flag\*
- Social Sciences Elective
- Humanities Elective (3)\*\*\*

Total (15)

## Senior Year

### First Semester

- THEO 490 - Senior Project (1)
- Fifth Theology course in chosen concentration
- E/RS Flag (3)
- Writing-Intensive Flag (3)\*\*
- Quantitative Reasoning Flag (3)\*\*
- General Elective

Total (16)

### Second Semester

- General Elective (3)
- General Elective (3)
- General Elective (3)
- General Elective (3)
- General Elective (2 or 3)

Total (14 or 15)

## Note(s):

- \* Any course in the THEO 200s sequence may fulfill the Theological Perspectives core requirement.
- \*\* The five flags (E/RS, Oral Communications, Writing-Intensive, Diversity Core Requirement, Quantitative Reasoning) can double-count liberally with major and core.
- \*\*\* Any course in the THEO 300s or 400s sequence may fulfill the Humanities Elective or Theological Perspectives core requirement. The Humanities Elective may not double count as an E/RS flag (though may be an E/RS flagged course).

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core.

## Bachelor of Fine Arts

### Art, B.F.A.

The BFA degree in Art is distinguished from the BA degree in Art by its intensity and structure. Students seeking a BFA degree in Art usually have full determination to pursue their livelihood as professional artists or are thinking of acquiring an MFA degree for university/college teaching. It is a higher degree and immediately acknowledges the fact that its recipient has experienced a deeper involvement in, and commitment to, art.

## Requirements for the Bachelor of Fine Arts Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Major Requirements:

73 credit hours, as follows

- 10 credit hours in foundation requirements
- 15 credit hours in 100 level courses
- 9 elective credit hours
- 12 credit hours in Art History
- 3 credit hour exit seminar
- 18 credit hours (6 courses) in one area of study leading to the senior concentration
- 6 credit hours in senior concentration and exhibition are required.

## Note(s):

- Concentrations must be arranged with the approval of the concentration advisor.
- In the spring semester of the sophomore year, at the time of the sophomore portfolio evaluation, students will express their intention of pursuing a BFA degree by delivery of a signed declaration form to the department chair, endorsed by the proposed concentration instructor.
- a minimum grade of "C-" must be attained in all art courses to count toward an art major degree.
- It should be noted that in order to complete a degree in the regular four-year sequence, a student would need to carry approximately 18 credit hours per semester. Most students seeking this degree, however, are very competent and would probably have some advanced standing in regard to the core. It is also usual for these students to take courses during the summer sessions.
- A recommended program sequence is available. Please direct requests to the department chair.

# B.F.A. Art

Suggested sequence of courses for a BFA degree in Art with a concentration in any area. This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- Art 100: Seminar
- Art 101: 2D Design
- Art 102: DRAWING
- Core 100 or Theology 111
- Core 101
- Second Language I
- English 101 or English 115

### Second Semester

- Art 105: 3D Design
- Art Studio elective (100 level)
- Historical Perspective
- Core 100 or Theology 111
- Core 102
- Second Language II

## Sophomore Year

### First Semester

- Art Studio elective (100 level)
- Art Studio elective (100 level)
- Art 270: History of Art I
- English 205
- Philosophy 100

### Second Semester

- Art elective
- Art Concentration elective
- Art 271: History of Art II
- Philosophy 200 Philosophical Perspectives
- Theology 200+ Theologylogical Perspectives

## Junior Year

## First Semester

- Art 441: Junior Seminar
- Art Concentration elective
- History of Art elective
- Oral Communications Flag
- Natural Science elective

## Second Semester

- Art Concentration elective
- Mathematical Perspectives elective
- DCR Flag elective
- Social Science elective
- Humanities elective

## Senior Year

### First Semester

- Art concentration elective
- E/RS Flag
- Quantitative Reasoning Flag
- Writing Intensive Flag
- General elective

### Second Semester

- Art 490: Senior Concentration
- Scientific Perspectives elective
- General elective
- General elective
- Core 499

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## **Bachelor of Liberal Arts**

### **Liberal Arts, B.L.A.**

The Bachelor of Liberal Arts is designed for adult transfer students who are interested in taking courses in a broad range of disciplines. The general electives and upper division studies requirements allow for efficient transferability of credits and give students the opportunity to design degrees to meet their needs. This degree is offered by the College of Arts and Sciences through APEX, Adult and Professional Education at Xavier. It is available to traditional undergraduates who have completed a minimum of 60 semester hours with approval of their Dean, the Dean of the College of Arts and Sciences and to all students who have graduated from high school not less than four years prior to the date of acceptance into the program.



The Liberal Arts degree is available through full or part-time study, days and/or evenings, or through the Accelerated Degree Completion Program

## Requirements for the Bachelor of Liberal Arts

### Core Curriculum Requirements:

Consult Undergraduate Core Curriculum for details.

### Upper Division Studies Requirement: 35 Credit Hours

- Students may add a minor or a concentration to their liberal arts degree. See below for information on available concentrations in organizational leadership, and professional communication.
- 38 hours of upper division work with no more than 21 hours from one subject area.
- It is recommended that these 38 hours be distributed across two academic areas.
- Less than 30 hours in business courses and no more than 12 hours in any one business subject area may be applied to the degree.

### Optional Concentrations for Upper Division Studies:

#### Organizational Leadership Concentration: 18 Credit Hours

This concentration will enhance and develop your communication, management, and leadership skills.

#### Required Courses: 9 Credit Hours

- MGMT 200 - Organizational Management
- MGMT 309 - Change Management
- MGMT 314 - Leadership

#### Electives: 9 Credit Hours (Select from the following list)

- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics
- MGMT 201 - Business & Professional Comm
- MGMT 325 - International Management
- MGMT 385 - Project Management
- SHRM 200 - Human Resources In a Diverse S

#### Professional Communication Concentration: 21 Credit Hours

This concentration is designed for people interested in working in dynamic, people-oriented environments. This concentration exposes you to the entire communication network; written, oral, and electronic mediums.

Required Courses: 15 Credit Hours

- COMM 101 - Oral Communication
- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics
- COMM 260 - Organizational Communication
- COMM 301 - Presentational Speaking

Electives: 6 Credit Hours (Select from the following list)

- BAIS 120 - Introduction to Business Tech
- BAIS 220 - Mgmt of Info Tech
- COMM 477 - Strat Comm Ethics Society
- MGMT 200 - Organizational Management
- MGMT 201 - Business & Professional Comm

Free Electives: 10 Credit Hours

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## **Bachelor of Music**

### **Music Education, B.M.**

Requirements for the Music Education Major (Pre-K to 12)

#### **Core Curriculum Requirements:**

39 credit hours in addition to the requirements for the major (see Undergraduate Core Curriculum in the Catalog).

#### **Major Requirements:**

83 credit hours, as follows

42 hours in music courses:

- MUSC 199 - Recital Attendance (7 Semesters)
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II

- MUSC 208 - Keyboard Skills I
- MUSC 209 - Keyboard Skills II
- MUSC 210 - Music History I
- MUSC 211 - Music History II
- MUSC 221 - Elementary Methods
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- MUSC 303 - Aural Skills IV
- MUSC 312 - Conducting I
- MUSC 320 - Instrumental Methods
- MUSC 321 - Choral Methods
- MUSC 351 - String Techniques
- MUSC 352 - Woodwind Techniques
- MUSC 353 - Brass Techniques
- MUSC 354 - Percussion Techniques
- MUSC 401 - Orchestration Arranging
- MUSC 450 - Senior Recital

7 hours of Private Lessons from:

- MUSC 276-299 (Refer to Course Descriptions)

7 hours of participation in a large ensemble from:

- MUSC 260 - Concert Choir
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 270 - Chamber Orchestra

19 hours of education courses required:

- EDFD 110 - Advanced Human Development
- EDMS 131 - Professional Education
- EDSP 200 - Sp Ed: Identification & Issues
- EDMS 350 - Technology & Topics for Educat (note that MUSC 314 can substitute for this)
- EDSP 380 - Classroom Management
- EDMS 411 - Clinical Experiences
- EDRE 471 - Content Area Literacy

9 hours of student teaching and seminar for certification:

- EDMS 471 - Student Teaching: Multi-Age

Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons..
- Present a recital in major area of concentration during the senior year.
- Recital attendance (minimum of 49 recitals, 7 each semester of MUSC 199).

Note(s):

- A 2.000 cumulative average must be attained in the music and education courses.
- For the Student Handbook see <https://www.xavier.edu/music-department/documents/student-handbook.pdf>

**TOTAL Minimum Hours Required for Degree: 122 Semester Hours**

# B.M. Music Education

This schedule serves as a guideline for progress toward a degree. See your academic advisor.

The downloadable [engagement plan](#) for this degree includes the schedule below in tabular form.

## Freshman Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 208 - Keyboard Skills I
- Private Lesson
- Large Ensemble
- CORE 100 - First-Year Seminar
- CORE 101 - First-Year Co-Curricular Passport
- EDMS 131 - Professional Education
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

Total (16)

### Second Semester

- MUSC 199 - Recital Attendance
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- MUSC 209 - Keyboard Skills II
- Private Lesson 2
- Large Ensemble 2
- EDFD 110 - Human Development & Learning
- THEO 111 - Theological Foundations
- CORE 102 - First-Year Co-Curricular Passport
- PHIL 100 - Ethics as Intro to Philosophy

Total (16)

## Sophomore Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 210 - Music History I
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- MUSC 312 - Conducting I
- Private Lesson 3
- Large Ensemble 3
- Scientific Perspectives

Total (15)

## Second Semester

- MUSC 199 - Recital Attendance
- MUSC 211 - Music History II
- MUSC 221: Elementary Methods
- MUSC 303 - Aural Skills IV
- MUSC 351 - String Techniques
- Private Lesson 4
- Large Ensemble 4
- Mathematical Perspectives
- Historical Perspectives
- Philosophical Perspectives

Total (16)

## Junior Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 320 - Instrumental Methods
- MUSC 353 - Brass Techniques
- Private Lesson 5
- Large Ensemble 5
- EDSP 380 - Classroom Management
- Second Language Elective 1
- ENGL/CLAS/SPAN 205 Lit & Moral Imagination

Total (15)

### Second Semester

- MUSC 199 - Recital Attendance
- MUSC 221 - Elementary Methods
- MUSC 352 - Woodwind Techniques
- Private Lesson 6
- Large Ensemble 6
- EDSP 200 - Sp Ed Identification & Issues
- EDMS 350 - Technology & Topics for Educators
- Second Language Elective 2

Total (15)

## Senior Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 321 - Choral Methods
- MUSC 354 - Percussion Techniques
- MUSC 401 - Orchestration and Arranging
- MUSC 450 - Senior Recital
- Private Lesson 7
- Large Ensemble 7

- EDMS 411 - Clinical Experiences
- Natural Science Elective
- Theological Perspectives

Total (16)

## Second Semester

- EDMS 471 - Student Teaching
- EDRE 471 - Content Area Literacy

Total (12)

## Scheduling Notes:

- EDMS 471, Student Teaching and Seminar (9 credit hours) is required for state licensure.
- The number of required courses will increase if the 5 "flag" requirements (ERS, Diversity, Writing, Oral, and Quantitative) are not fulfilled by courses in the core or major.

## Bachelor of Science

### Actuarial Science, B.S.

Actuarial science applies quantitative methods to assess and manage risk. It is especially important in the insurance and finance industries, where understanding risk is essential to providing services that offer financial security and peace of mind, regardless of the uncertainties in daily life.

The B.S. in Actuarial Science is an interdisciplinary major consisting of coursework in mathematics, statistics, and business. Within the framework of a liberal arts tradition, the program emphasizes the development of critical thinking and problem solving skills by advancing the student's mathematical ability and statistical expertise. This serves as the basis upon which problems in various business contexts (such as insurance, finance, and investments) can be rigorously examined.

Actuarial Science majors are prepared to sit for the first two actuarial exams in Probability (P/1) and Financial Mathematics (FM/2). They also take courses that are approved for Validation by Educational Experience (VEE) credit. Although majors who successfully complete the program are ready to enter the actuarial profession, other careers that require strong quantitative skills and/or significant exposure to an undergraduate business curriculum are possible upon graduation.

## Requirements

### Core Curriculum

48-63 Credit Hours dependent on courses taken, including mathematics and social science requirements included in major.

### Major in Actuarial Science

Students majoring in Actuarial Science must complete core curriculum requirements plus an additional 57 hours of coursework specific to the major.

### Required Courses (57 hours)

## Mathematics (41 hours)

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 182 - Sequences and Series
- MATH 220 - Multivariable Calculus
- MATH 225 - Foundations Of Higher Math
- MATH 230 - Intro to Ordinary Diff Equat
- MATH 240 - Linear Algebra
- MATH 256 - Intro to Probability & Stats
- MATH 311 - Probability Theory
- MATH 312 - Statistical Inference
  
- MATH 257 - Data Modeling or
- MACS 101 - Intro To Actuarial Science
  
- MACS 201 - Actuarial Mathematics
- CSCI 170 - Computer Science I

## Business (18 hours)

- FINC 300 - Business Finance
- FINC 365 - Investments
- FINC 465 - Options & Futures Markets
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ACCT 200 - Introductory Financial Acct

## Notes:

- A 2.000 cumulative average must be attained in the student's mathematics and business courses.
- Students are prepared to take the first actuarial exam (Exam P/1), upon completion of MATH 311.
- Students are prepared to take the second actuarial exam (Exam FM/2), upon completion of the finance sequence: FINC 300, FINC 365, and FINC 465.
- Prior to the final semester in the program, a student must successfully pass at least one actuarial exam, or complete an appropriate project under the supervision of a faculty mentor, including an oral presentation in a public colloquium.
- Any student wishing to major in actuarial science should consult the chair of the department before registration.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Actuarial Science

These block schedules serves as a guideline for progress toward a degree. See your academic advisor. They assume the current bi-yearly frequency of certain required courses. Students will be prepared to take an actuarial exam no later than the summer following their third year.

**Sequence for students beginning in the Fall of an odd-numbered year**

**Freshman Year**

## Fall Semester

- MATH 180 - Differential Calculus
- MACS 101 - Intro to Actuarial Science
- ECON 200 - Microeconomic Principles
- ENGL 101 or ENGL 115
- CORE 100 - First Year Seminar
- CORE 101 - GOA I

Total (15)

## Spring Semester

- MATH 181 - Integral Calculus
- MATH 225 - Foundations of Higher Math
- ECON 201 - Macroeconomic Principles
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
- CORE 102 - GOA II

Total (15)

## Sophomore Year

### Fall Semester

- MATH 311 - Probability Theory
- MATH 182 or MATH 220
- ACCT 200 - Introductory Financial Acct
- CSCI 170 - Computer Science I
- Second Language I

Total (15-17)

### Spring Semester

- MATH 256 - Intro to Probability & Stats
- MATH 312 - Statistical Inference
- FINC 300 - Business Finance
- Oral Communication Flag
- Second Language II

Total (15)

## Junior Year

### Fall Semester

- MATH 182 or MATH 220
- FINC 365 - Investments
- ENGL 205 - Lit. & Moral Imagination



- Scientific Perspectives
- Creative Perspectives

Total (15-17)

## Spring Semester

- FINC 465 - Options & Futures Markets
- MACS 201 or MATH 230
- MATH 240 - Linear Algebra
- Natural Sciences Elective
- Elective

Total (15)

## Senior Year

### Fall Semester

- PHIL 200 - Philosophical Perspectives
- Humanities Elective
- E/RS Elective
- Elective
- Elective

Total (15)

### Spring Semester

- MACS 201 or MATH 230
- DCR elective
- Theology Perspectives
- Elective
- Elective

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Mathematical Perspectives, Quantitative Reasoning, and Social Science Elective requirements satisfied within the major.

## Biochemistry, B.S.

Biochemistry is the study of chemical processes in living systems. It combines chemistry and biology to understand how biological systems work. A Biochemistry major provides students a solid foundation in both Chemistry and Biology with specific training in Biochemistry. This training prepares students for graduate programs in biochemistry and related disciplines, employment in biochemical and biomedical research, as well as medical school or other health-related professional education. The program has at its foundation the introductory Biology, Chemistry and Physics courses that many science majors take in their first two years. In the upper division, the major narrows its focus to biologically-related chemistry courses and molecularly-related biology courses.

The Biochemistry major requires 120 credit hours, if the ER/S Focus Elective and the Diversity Curriculum Electives also satisfy other elements of the core. Students wishing to have their degree certified by the American Chemical Society (ACS) or by the American Society for Biochemistry and Molecular Biology (ASBMB) will need to complete 121 credit hours, with a few changes to which courses they take.

Biochemistry, B.S. (no ACS certification)

## **Biochemistry, B.S. (no ACS certification)**

### Requirements for the Biochemistry Major (no ACS certification)

#### Core Curriculum Requirements

53 credit hours including,

- Mathematics: 6 credits, MATH 140 and 146
- Science: included within the major

#### Major Requirements

69 credit hours in Chemistry, Biology and Physics

#### Chemistry Requirements:

39 credit hours

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 180 - Intro to Chemical Enterprise
- CHEM 220 - Principles of Physical Chem
- CHEM 221 - Analytical Chemistry
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 300 - Intro to Chem Research
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 420 - Inorganic Chemistry
- CHEM 440 - Biochemistry

#### Research Seminar:

3 credit hours

- CHEM 400 - Research/Seminar (taken 3 times)

#### Biology Requirements:

12 credit hours

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 230 - Genetics

- BIOL 231 - Genetics Laboratory

## Physics Requirements:

8 credit hours

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Elective Requirements:

10 credit hours (including at least 1 lab) chosen from:

- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab
- BIOL 222 - Immunology
- BIOL 227 - Parasitology
- BIOL 310 - Foundations of Pharmacology
- BIOL 364 - Virology
- BIOL 370 - Endocrinology
- BIOL 380 - Neurobiology
  
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 250 - Quality Science Regulations
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 421 - Inorganic Chemistry Lab
- CHEM 435 - Medicinal Chemistry
- CHEM 450 - Topics in Organic Chemistry

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Biochemistry

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CHEM 160 - Gen Chem 1
- CHEM 161 - Gen Chem Lab 1
- BIOL 160 - General Biology 1
- BIOL 161 - General Biology 1 Lab
- CHEM 180 - Intro to Chemical Enterprise
- MATH 140 - Concepts of Calculus
- CORE 100 - First Year Seminar
- CORE 101 - 1st year Co-curricular

Total (15)

#### Second Semester

- CHEM 162 - Gen Chem 2
- CHEM 163 - Gen Chem lab 2
- BIOL 162 - General Biology 2
- BIOL 163 - General Biology 2 Lab
- MATH 146 - Introductory Biostatistics
- THEO 111 - Theological Foundataions
- ENGL 101 - Composition
- CORE 102 - Co-curricular

Total (17)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chem 1
- CHEM 241 - Organic Chem Lab 1
- PHYS 160 - College Physics 1
- PHYS 161 - Introductory Physics Lab 1
- PHIL 100 - Ethics as Intro to Phil
- 2nd Language

Total (14)

### Second Semester

- CHEM 242 - Organic Chem 2
- CHEM 243 - Organic Chem Lab 2
- PHYS 162 - College Physics 2
- PHYS 163 - Introductory Physics lab 2
- PHIL 200 - Philosophical Perspectives
- 2nd Language

Total (14)

## Junior Year

### First Semester

- CHEM 220 - Principles of Phys. Chem
- CHEM 440 - Biochemistry 1
- CHEM 300 - Research Ethics
- CHEM 221 - BioAnalytical Lab
- Biology Elective
- HIST 199 - Historical Perspectives

Total (14)

### Second Semester

- CHEM 442 - Biochemistry 2
- CHEM 445 - Biochemistry Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Lab
- CHEM 400 - Research
- ENGL 205 - Lit and Moral Imagination
- Humanities Elective

Total (15)

## Senior Year

### First Semester

- CHEM 340 - Instrumental Analysis
- CHEM 420 - Inorganic Chemistry
- CHEM 400 - Research
- CHEM/BIOE Elective
- E/RS Elective
- Social Science Elective

Total (16)

### Second Semester

- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research
- BIOE Elective
- CHEM/BIOE Elective Lab
- Creative Perspectives
- Theological Perspectives
- Elective
- CORE 499

Total (15)

## **Biochemistry, B.S. (with ACS certification)**

### Requirements for the Biochemistry Major (with ACS certification)

#### Core Curriculum Requirements

53 credit hours including,

- Mathematics: 6 credits, MATH 180 and 181
- Science: included within the major

#### Major Requirements:

69 credit hours in Chemistry, Biology and Physics

#### Chemistry Requirements:

39 credit hours

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 180 - Intro to Chemical Enterprise
- CHEM 221 - Analytical Chemistry
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab

- CHEM 300 - Intro to Chem Research
- CHEM 320 - Physical Chemistry I
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 420 - Inorganic Chemistry
- CHEM 440 - Biochemistry

### Research Seminar:

3 credit hours

- CHEM 400 - Research/Seminar (taken 3 times)

### Biology Requirements:

12 credit hours

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory

### Physics Requirements:

8 credit hours

- PHYS 161 - Introductory Physics Lab I
- PHYS 163 - Introductory Physics Lab II
- PHYS 170 - University Physics I
- PHYS 172 - University Physics II

### Elective Requirements:

10 credit hours (including at least 1 lab) chosen from:

- CHEM 322 - Physical Chemistry II (**required**)
- CHEM 325 - Physical Chemistry Laboratory or CHEM 425 (**one required**)
- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab
- BIOL 222 - Immunology
- BIOL 227 - Parasitology
- BIOL 310 - Foundations of Pharmacology
- BIOL 364 - Virology
- BIOL 370 - Endocrinology
- BIOL 380 - Neurobiology
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 250 - Quality Science Regulations
- CHEM 421 - Inorganic Chemistry Lab
- CHEM 435 - Medicinal Chemistry
- CHEM 450 - Topics in Organic Chemistry

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

**B.S. Biochemistry**

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- CHEM 160 - Gen Chem 1
- CHEM 161 - Gen Chem Lab 1
- BIOL 160 - General Biology 1
- BIOL 161 - General Biology 1 Lab
- CHEM 180 - Intro to Chemical Enterprise
- MATH 180 - Calculus 1
- CORE 100 - First Year Seminar
- Core 101 - 1st year Co-curricular

Total (15)

### Second Semester

- CHEM 162 - Gen Chem 2
- CHEM 163 - Gen Chem lab 2
- BIOL 162 - General Biology 2
- BIOL 163 - General Biology 2 Lab
- MATH 181 - Calculus 2
- THEO 111 - Theological Foundataions
- ENGL 101 - Composition
- CORE 102 - Co-curricular

Total (17)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chem 1
- CHEM 241 - Organic Chem Lab 1
- PHYS 170 - University Physics
- PHYS 161 - Introductory Physics Lab 1
- CHEM 221 - BioAnalytical Lab
- PHIL 100 - Ethics as Intro to Phil
- 2nd Language

Total (15)

### Second Semester

- CHEM 242 - Organic Chem 2
- CHEM 243 - Organic Chem Lab 2
- PHYS 172 - University Physics 2
- PHYS 163 - Introductory Physics lab 2
- PHIL 200 - Philosophical Perspectives
- 2nd Language

Total (14)

## Junior Year

## First Semester

- CHEM 320 - Physical Chemistry 1
- CHEM 440 - Biochemistry 1
- CHEM 300 - Research Ethics
- Biology Elective
- HIST 199 - Historical Perspectives
- Theological Perspectives

Total (16)

## Second Semester

- CHEM 322 - Physical Chemistry 2
- CHEM 442 - Biochemistry 2
- CHEM 445 - Biochemistry Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Lab
- CHEM 400 - Research
- ENGL 205 - Lit and Moral Imagination

Total (15)

## Senior Year

### First Semester

- CHEM 340 - Instrumental Analysis
- CHEM 420 - Inorganic Chemistry
- CHEM 400 - Research
- Chem/Bio elective
- E/RS elective
- Social Science Elective

Total (16)

### Second Semester

- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research
- Biology Elective
- Elective Lab
- Creative Perspectives
- Elective
- Core 499

Total (12)

## **Biological Sciences for Business, B.S.**

The Biological Sciences for Business program is a program with a dual-degree in which students earn a Bachelor of Science in the first four years and have the option of beginning the Master of Business Administration program in the fifth year. It is designed to prepare students for leadership in the Biotech, pharmaceutical, environmental and/or related industries.

Requirements for the BS in Biological Sciences for Business:

Core Curriculum Requirements



Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

## Mathematics

- MATH 140 - Concepts of Calculus or [MATH 180 - Differential Calculus](#) or [MATH 181 - Calculus II](#)

## Social Science

- ECON 200 - Microeconomic Principles

## Major Requirements:

65-67 credit hours, as follows

### 30 hours in Biology courses

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab

20 hours of electives from BIOL 200-490, or CHEM 435 or CHEM 440, including at least two lecture-lab combinations from:

- BIOL200/201, BIOL206/207, BIOL210/211, BIOL230/231, BIOL250/251, BIOL260/261, BIOL270/271, BIOL340/341, BIOL350/351, BIOL354/355, BIOL450/451, BIOL460/461

## Senior Capstone

- 2 credits from BIOL 495-499

### 8 hours in required Chemistry courses

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab

### 6-8 hours in another science

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
  
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II

### 6 hours in Mathematics courses:

- MATH 140 - Concepts of Calculus or
- MATH 180 - Differential Calculus or
- MATH 181 - Calculus II
  
- STAT 146 Biostatistics

### 18 hours in Business courses:

- ACCT 200 - Introductory Financial Acct
- ECON 200 - Microeconomic Principles

### 3 hours in Science-In-Business courses:

- Choose from CHEM 250, CHEM 270, ECON 320, ECON 421, HESA 101, HESA 110, HESA 345, HESA 410, HIST 308, HIST 436, or SUST 370

### Note:

- A 2.000 cumulative average must be attained in the major courses.
- If opting to pursue the MBA, 6 hours of business graduate classes may be taken in the senior year after acceptance to the MBA program. They do not count towards your undergraduate degree. They are BLAW 550 - Business Law and Ethics and MGMT 550 - Strategy and Organizations
- BLAW 550 - Business Law and Ethics
- MGMT 550 - Strategy and Organizations

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## Biological Sciences for Business, B.S.

This block serves as a guideline for progress toward a degree for students who start with a math placement in pre-calculus (MATH 120) or calculus ("ELC" or "ADV"). See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

For MBA fifth year, consult program and adviser.

### First Year

#### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I

- CHEM 161 - General Chemistry I Lab
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

## Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- PHIL 100 - Ethics as Intro to Philosophy†
- MATH 120 - Elementary Functions† (if needed)
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II

Total (14-17)

## Second Year

### First Semester

- BIOL Elective with Lab
- Creative Perspectives Elective††
- MATH 140 or MATH 180 or STAT 146†
- Historical Perspectives Elective††
- Second Language I†
- Recommended: BIOL 299 Prof. Comm. in the Sciences (oral comm flag)

Total (16-17)

### Second Semester

- BIOL Elective with Lab
- PHIL 200 - Philosophical Perspectives Elective††
- MATH 140 or MATH 180 or STAT 146†
- Second Language II†
- ECON 200 - Microeconomics

Total (16)

## Third Year

### First Semester

- BIOL Elective
- Other Science Elective
- ACCT 200 - Introduction to Financial Accounting
- Business Elective
- ENGL 205 - Literature & Moral Imagination††

Total (16-17)

## Second Semester

- BIOL Elective
- Other Science Elective
- Humanities Elective††
- Business Elective
- Theological Perspectives Elective††

Total (16-17)

## Summer

- Take GMAT Exam and Apply to MBA Program if Desired

## Fourth Year

### First Semester

- BIOL Capstone
- BIOL Elective
- E/RS Focus Elective††
- Business Elective
- General Elective
- MBA Option: BLAW 550 - Business Law and Ethics

Total (12-15 UG + 3 MBA Option)

### Second Semester

- BIOL Capstone
- BIOL Elective
- Business Elective
- DCR Elective††
- General Elective
- MBA Option: MGMT 550 - Strategy

Total (12-15 UG + UG + 3 MBA Option)

## Fifth Year

- MBA (optional; consult consult program and adviser)

## Notes:

- Students intending to apply for and complete the MBA program must notify their advisor and take the GMAT before the fall of their senior year. ACCT 200 and ECON 200 are pre-MBA foundation requirements for MBA candidates.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

# Biological Sciences for Business, B.S. Alternative Pathway

This block serves as a guideline for progress toward a degree for students who start with a math placement in MATH 105. See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

## First Year

### First Semester

- BIOL 158 - Integrated Biology I
- BIOL 159 - Integrated Biology I Lab
- MATH 105 - Fundamentals of Mathematics
- Second Language I†
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 101 - 1st Year Co-Curricular Program I

Total (16)

### Second Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- PHIL 100 - Ethics as Intro to Philosophy†
- MATH 120 - Elementary Functions
- Second Language II
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II

Total (16)

## Second Year

### First Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 140 or MATH 180 or STAT 146†
- Creative Perspectives Elective††
- Recommended: BIOL 299 Prof. Comm. in the Sciences (oral comm flag)

Total (14-15)

### Second Semester

- BIOL Elective with Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 140 or MATH 180 or STAT 146†
- ECON 200 - Microeconomics

Total (14)

## Third Year

### First Semester

- BIOL Elective
- Other Science Elective
- ACCT 200 - Introduction to Financial Accounting
- Business Elective
- ENGL 205 - Literature & Moral Imagination††
- Historical Perspectives Elective††

Total (16-17)

### Second Semester

- BIOL Elective
- Other Science Elective
- Humanities Elective††
- Business Elective
- Theological Perspectives Elective††

Total (16-17)

### Summer

- Take GMAT Exam and Apply to MBA Program if Desired

## Fourth Year

### First Semester

- BIOL Capstone
- BIOL Elective
- E/RS Focus Elective††
- Business Elective
- PHIL 200 - Philosophical Perspectives Elective††
- MBA Option: BLAW 550 - Business Law and Ethics

Total (12-15 UG + 3 MBA Option)

### Second Semester

- BIOL Capstone
- BIOL Elective
- Business Elective
- DCR Elective††
- General Elective
- MBA Option: MGMT 550 - Strategy

Total (12-15 UG + UG + 3 MBA Option)

## Fifth Year

MBA (optional; consult program and adviser)

## Notes:

Students intending to apply for and complete the MBA program must notify their advisor and take the GMAT before the fall of their senior year. ACCT 200 and ECON 200 are pre-MBA foundation requirements for MBA candidates.

- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## Biology, B.S.

The biology curriculum includes courses that present current concepts of the molecular, cellular, organismal, and population levels of biological organization. Basic biological principles are presented through the study of animals, plants, and microorganisms. Laboratory sessions provide experience in careful observation, controlled experimentation, and thoughtful analysis of scientific data. The biology program provides preparation for further study at the graduate level or in the health professions (medicine, dentistry, veterinary medicine, podiatry, or optometry), as well as preparation for a teaching career or other specialized employment.

## Requirements for the Biology Major

### Core Curriculum Requirements:

Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

### Mathematical Perspectives:

- MATH 140 - Concepts of Calculus or

### Science requirement specified by the major as:

#### 16 hours in chemistry courses:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab

#### 8 hours in physics courses:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Major Requirements:

35 credit hours, as follows

12 hours in required biology courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory

21 hours of biology electives which must include

At least one physiology course from:

- BIOL206 - Human Physiology and
- BIOL207 - Human Physiology Lab

At least one molecular biology course from:

- BIOL 222 - Immunology
- BIOL 360 - Cell Biology
- BIOL 364 - Virology
- BIOL 430 - Medical Genetics
  
- CHEM 440 - Biochemistry
- BIOL 460 - Developmental Biology and
- BIOL 461 - Developmental Biology Lab

At least one ecological course from:

- BIOL 240 - Evolution
- BIOL 244 - Animal Behavior
- BIOL 250 - Ecology and
- BIOL 251 - Ecology Lab
- BIOL 255 - Tropical Ecology
- BIOL 256 - Conservation Biology Ireland
- BIOL 260 - Intro to Environmental Science and
- BIOL 261 - Intro to Environ Science Lab

And one organismal lecture/ lab combination from:

- BIOL 210 - General Botany and
- BIOL 211 - General Botany Lab
  
- BIOL 270 - Introduction To Entomology and
- BIOL 271 - Introduction To Entomology Lab
  
- BIOL 450 - General Microbiology and
- BIOL 451 - General Microbiology Lab

2 hours of capstone experience from:



- BIOL495 - Professional Project
- BIOL 496 - Senior Capstone Seminar

or

- BIOL 497 - Experimental Biology Lab

or

- BIOL 498 - Methods of Biol Research I
- BIOL 499 - Methods of Biol Research II

### Note(s):

- A 2.000 cumulative average must be attained in the 35 hours of biology courses.
- Up to 4 hours of independent study (either BIOL 290, BIOL295, BIOL298 or BIOL 495) may be used in this elective requirement

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Biology

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 1st Year Seminar or Theology 111
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- CORE 101 GOA

Total (14)

#### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 1st Year Seminar or Theology 111
- CORE 102 - GOA
- PHIL 100 - Ethics as Intro to Philosophy

Total (14)

### Sophomore Year

## First Semester

- BIOL206 - Human Physiology
- BIOL207 - Human Physiology Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 140 - Concepts of Calculus OR MATH 170 Calculus I OR MATH 171 Calculus II
- PHIL 200 - Philosophical Perspectives Elective
- Second Language I

Total (16)

## Second Semester

- BIOL230 - Genetics
- BIOL231 - Genetics Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- Second Language II
- Theological Perspectives Elective

Total (16-17)

## Junior Year

### First Semester

- BIOL Elective \*\* (3-5)
- MATH 146 - Biostatistics or MATH 171 - Calculus II
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- Historical Perspectives Elective
- Social Science Elective\*

Total (15-17)

### Second Semester

- BIOL Elective (3-5)
- Creative Perspectives Elective
- General Elective
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

Total (13-15)

## Senior Year

### First Semester

- Senior Capstone (BIOL495-499)
- BIOL Elective (5-6)
- ENGL 205 - Literature & Moral Imagination
- Diversity Curriculum Requirement
- General Elective

Total (16 - 17)

## Second Semester

- Senior Capstone (BIOL495-499)
- BIOL Electives \* (5-6)
- E/RS Focus Elective
- Humanities Elective
- General Elective

Total (14-17)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Freshman Year: Alternative Courses: Can take Historical Perspectives, Creative Perspectives, Second Language, Math or Humanities Elective instead of PHIL 100.
- \* PSYC 101 and SOCI 101 (DCR flag) must be taken before the MCAT. Students interested in health professional programs must check with Kara Rettig-Pfingstag about specific requirements by their sophomore year and before you apply.
- The MCAT requires BIOL 160-163, BIOL 206-207, CHEM 160-163, CHEM 240-243, CHEM 440 (counts as BIOL molecular elective), PHYS 160-163, PSYC 101 and SOCI 101. Pre-medical students generally take the MCAT ~15 months before their desired medical school start date.
- All students must elect one each of oral communications, quantitative reasoning and writing-intensive flagged courses; many of these are available within the core or major.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## B.S. Biology - Alternative Pathway I

This block serves as a guideline for progress toward a degree for students who start with a math placement in pre-calculus ("PRE"). See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

## Freshman Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- MATH 120 - Elementary Functions
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II

- CHEM 163 - General Chemistry II Lab
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†

Total (14)

## Sophomore Year

### First Semester

- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab (writing flag)
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 140 - Concepts of Calculus OR MATH 180 - Differential Calculus
- Second Language I†
- PHIL 100 - Ethics as Intro to Philosophy†

Total (17)

### Second Semester

- BIOL 230 - Genetics (quantitative flag)
- BIOL 231 - Genetics Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- Social Science Elective \*† or ††
- Second Language II†
- Recommended: BIOL 299 Professional Communication in the Sciences (oral flag)

Total (14-15)

## Junior Year

### First Semester

- BIOL Elective (3-4)\*
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- STAT 146 - Biostatistics†
- Diversity Curriculum Requirement \*† or ††
- Theological Perspectives Elective

Total (16-17)

### Second Semester

- BIOL Elective (3-4)
- Creative Perspectives Elective†
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- PHIL 200 Philosophical Perspectives Elective††

Total (13-14)

## Senior Year

## First Semester

- BIOL Capstone
- BIOL Electives \*\* (6-8)
- ENGL 205 - Literature & Moral Imagination††
- Historical Perspectives† or ††

Total (13-17)

## Second Semester

- BIOL Capstone
- BIOL Electives \* (5-8)
- E/RS Focus Elective\*\*
- Humanities Elective

Total (12-16)

## Notes:

- \* For students interested in medical school, PSYC 101, SOCI 101 and CHEM 440 must be taken before the MCAT. Students interested in health professional programs must check with Kara Rettig-Pfingstag about specific requirements by their sophomore year and before applying.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## B.S. Biology - Alternative Pathway II

This block serves as a guideline for progress toward a degree for students who start with a math placement in MATH 105. See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

## Freshman Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- MATH 105 - Fundamentals of Mathematics
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II
- MATH 120 - Elementary Functions

Total (14)

## Sophomore year

### First Semester

- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 140 - Concepts of Calculus OR MATH 180 - Differential Calculus
- Second Language I†
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†

Total (17)

### Second Semester

- BIOL 230 - Genetics
- BIOL 231 - Genetics Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- Social Science Elective \*† or ††
- Second Language II†
- Recommended: BIOL 299 Professional Communication in the Sciences (oral flag)

Total (14-15)

## Junior Year

### Fall Semester

- BIOL Elective (3-4)\*
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- STAT 146 - Biostatistics†
- Diversity Curriculum Requirement \*† or ††
- Theological Perspectives Elective

Total (16-17)

### Second Semester

- BIOL Elective (3-4)
- Creative Perspectives Elective†
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- PHIL 100 - Ethics as Intro to Philosophy†

Total (13-14)

## Senior Year

### First Semester

- BIOL Capstone
- BIOL Electives \*\* (6-8)
- ENGL 205 - Literature & Moral Imagination††

- Historical Perspectives† or ††
- PHIL 200 Philosophical Perspectives Elective††

Total (15-18)

## Second Semester

- BIOL Capstone
- BIOL Electives \* (5-8)
- E/RS Focus Elective\*\*
- Humanities Elective

Total (12-16)

## Notes:

- \* For students interested in medical school, PSYC 101, SOCI 101 and CHEM 440 must be taken before the MCAT. Students interested in health professional programs must check with Kara Rettig-Pfingstag about specific requirements by their sophomore year and before applying.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## Biomedical Sciences, B.S.

This major is designed for people preparing for health professions, like medicine and dentistry, although those students may choose other majors instead and ensure they take all the courses within the Biomedical Sciences minor.

The Biomedical Sciences curriculum presents a liberal arts program with emphasis on those sciences required for an excellent background for subsequent studies in medicine, dentistry, and similar health professions. Recurrent pronouncements by Committees on Admissions at professional schools leave no doubt that they regard an education in the liberal arts as one of the most important factors in forming a genuinely capable and effective health professional, but majoring in biomedical sciences is not a requirement for admission to a health profession. (See Biomedical Sciences Minor or Pre-Medical Studies Certificate .) The student should consult a current listing of professional school admission requirements (below denoted with \*, plus one year of college math) so that the selected course of study will assure the student of a degree and include all the minimum requirements for admission to those schools of medicine or dentistry to which he/she intends to apply.

"Medical School Admission Requirements," published by the Association of American Medical Colleges, or "Admission Requirements of U.S. and Canadian Dental Schools," published by the American Association of Dental Schools, or individual Physician Assistant, Physical Therapy, Optometry, Veterinary or other programs.

## Requirements for the Biomedical Sciences Major

### Core Curriculum Requirements:

Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

### Mathematical Perspectives:

Choose from:

- MATH 140 - Concepts of Calculus

### Social Sciences:

- PSYC 101 - General Psychology \*
- PSYC 261 - Social Psychology

## Diversity Flag:

- SOCI 101 - Introduction to Sociology \*

## Science:

- Requirement included within the major.

## Major Requirements:

65 hours

- BIOL 160 - General Biology I \*
- BIOL 161 - General Biology I Lab \*
- BIOL 162 - General Biology II \*
- BIOL 163 - General Biology II Lab \*
  
- BIOL 230 - Genetics \*
- BIOL 231 - Genetics Laboratory \*
- BIOL 354 - Human and Comparative Anat \*
- BIOL 355 - Human and Comp Anat Lab \*
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 160 - General Chemistry I \*
- CHEM 161 - General Chemistry I Lab \*
- CHEM 162 - General Chemistry II \*
- CHEM 163 - General Chemistry II Lab \*
- CHEM 220 - Principles of Physical Chem \*
- CHEM 240 - Organic Chemistry I \*
- CHEM 241 - Organic Chemistry I Lab \*
- CHEM 242 - Organic Chemistry II \*
- CHEM 243 - Organic Chemistry II Lab \*
- CHEM 435 - Medicinal Chemistry
  
- CHEM 440 - Biochemistry \*
- PHYS 160 - College Physics I \* Or
- PHYS 170 - University Physics I
- PHYS 161 - Introductory Physics Lab I \* Or
- PHYS 171 - Explorations in Physics I
- PHYS 162 - College Physics II \* Or
- PHYS 172 - University Physics II
- PHYS 163 - Introductory Physics Lab II \* Or
- PHYS 173 - Explorations in Physics II

2 additional hours in Senior Capstone: BIOL 495-499 or CHEM 400

## Note(s):

- A 2.000 cumulative average must be attained in all biology, chemistry, physics and math courses.

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

B.S. Biomedical Sciences



This block serves as a guideline for progress toward a degree for students starting with Math placement in calculus ("ELC" or "ADV"). See your academic advisor. Student is ready to apply to medical school during the summer after 3rd year, or with in 2-5 years. MCAT scores last 2-3 years. Courses with a † or †† or ††† can be swapped around with other courses with the same symbol.

## Freshman Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theological Foundations
- MATH 140, 180 or STAT 146† - Calculus or Biostats
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theological Foundations
- CORE 102 - 1st Year Seminar Program II
- ENGL 101 - Engl Comp or ENGL 115 Rhetoric†
- MATH 140/180 or STAT 146/ MATH 181† - Calculus or Biostats

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- BIOL 206 - Human Physiology†††
- BIOL 207 - Human Physiology Lab††† (writing flag)
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language I

Total (14)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- BIOL 230 - Genetics††† (quantitative flag)
- BIOL 231 - Genetics Laboratory†††
- PHIL 200 - Philosophical Perspectives Elective††
- PSYC 101 - General Psychology†
- Second Language II†

Total (17)

## Junior Year

## First Semester

- CHEM 440 - Biochemistry
- PHYS 160 - College Physics I or PHYS 170 University Physics I†††
- PHYS 161 - Introductory Physics Lab I or PHYS 171 Exploration in Physics I Lab†††
- CHEM 220 - Principles of Physical Chemistry
- ENGL 205 - Lit & the Moral Imagination††
- PSYC 261 - Social Psychology†

Total (17)

## Second Semester

- BIOL 354 - Human and Comparative Anatomy
- BIOL 355 - Human and Comparative Anatomy
- PHYS 162 - College Physics II or PHYS 172 University Physics II†††
- PHYS 163 - Introductory Physics Lab II or PHYS 173 Exploration in Physics II Lab†††
- SOCI 101 - Introduction to Sociology (DCR) †
- General Elective (1 credit) Suggested: BIOL 299 Prof. Comm in Sci (oral flag)
- MCAT Prep Class (optional - 0 credit hours)

Total (12)

## Senior Year

### First Semester

- BIOL or CHEM Senior Capstone
- HIST 199 - Historical Perspectives Elective††
- Humanities Elective††
- Creative Perspectives Elective††
- BIOL 310 - Foundations of Pharmacology OR General Elective
- Theological Perspectives Elective††

Total (16-17)

### Second Semester

- BIOL or CHEM Senior Capstone
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 435 - Medicinal Chemistry OR General Elective
- E/RS Focus Elective††
- General Elective

Total (15-16)

### Note(s):

- A total of 2 credit hours of Senior Capstone is required. May be fulfilled in one semester or two.
- A minimum of 120 credit hours is required for the degree. A second bachelor's degree requires 150 cred hours (30 additional credit hours).

## B.S. Biomedical Sciences - Alternative Pathway I

Alternative pathway for students who start in MATH 120 ("PRE" placement). See your academic advisor. Student is ready to apply to medical school during the summer after 3rd year, or with in 2-5 years. MCAT scores last 2-3 years. Courses with a † or †† or ††† can be swapped around with other courses with the same symbol.

## Freshman Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theology
- MATH 120 - Elementary Functions
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theological Foundations
- CORE 102 - 1st Year Seminar Program II
- ENGL 101 - Engl Comp or ENGL 115 Rhetoric†
- MATH 140 or STAT 146 - Calculus or Biostats

Total (17)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- BIOL 206 - Human Physiology†††
- BIOL 207 - Human Physiology Lab††† (writing flag)
- MATH 140 or STAT 146 - Calculus or Biostats
- Second Language I†

Total (14)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- BIOL 230 - Genetics††† (quantitative flag)
- BIOL 231 - Genetics Laboratory†††
- PHIL 100 - Ethics as Intro to Philosophy†
- PSYC 101 - General Psychology†
- Second Language II†

Total (17)

## Junior Year

### First Semester

- CHEM 440 - Biochemistry
- PHYS 160 - College Physics I or PHYS 170 University Physics I†††
- PHYS 161 - Introductory Physics Lab I or PHYS 171 Exploration in Physics I Lab†††
- CHEM 220 - Principles of Physical Chemistry
- PSYC 261 - Social Psychology†
- ENGL 205 - Lit & the Moral Imagination††

Total (17)

## Second Semester

- BIOL 354 - Human and Comparative Anatomy
- BIOL 355 - Human and Comparative Anatomy
- PHYS 162 - College Physics II or PHYS 172 University Physics II†††
- PHYS 163 - Introductory Physics Lab II or PHYS 173 Exploration in Physics II Lab†††
- SOCI 101 - Introduction to Sociology (DCR) †
- General Elective (1 credit) Suggested: BIOL 299 Prof. Comm in Sci (oral flag)
- MCAT Prep Class (optional - 0 credit hours)

Total (12)

## Senior Year

### First Semester

- BIOL or CHEM Senior Capstone
- HIST 199 - Historical Perspectives Elective††
- Humanities Elective††
- Creative Perspectives Elective††
- BIOL 310 - Foundations of Pharmacology OR General Elective
- Theological Perspectives Elective††

Total (16-17)

### Second Semester

- BIOL or CHEM Senior Capstone
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 435 - Medicinal Chemistry OR General Elective
- E/RS Focus Elective††
- PHIL 200 - Philosophical Perspectives Elective††

Total (15-16)

### Note(s):

- A total of 2 credit hours of Senior Capstone is required. May be fulfilled in one semester or two.
- A minimum of 120 credit hours is required for the degree. A second bachelor's degree requires 150 cred hours (30 additional credit hours).

## B.S. Biomedical Sciences - Alternative Pathway II

Alternative pathway II for students with MATH 105 placement. This block serves as a guideline for progress toward a degree. See your academic advisor. Student is ready to apply to medical school during the summer after graduation, or within 2 - 5 years. MCAT scores last 2-3 years. Courses with a † or †† or ††† can be swapped around with other courses with the same symbol.

## Freshman Year

### First Semester

- BIOL 158 - Integrated Biology I
- BIOL 159 - Integrated Biology I Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theology
- CORE 101 - 1st Year Co-Curricular Program I
- ENGL 101 - Engl Comp or ENGL 115 Rhetoric†
- MATH 105 - Fundamentals of Mathematics
- PSYC 101 - General Psychology†

Total (16)

### Second Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II
- MATH 120 - Elementary Functions
- Second Language I†
- PHIL 100 - Ethics as Intro to Philosophy†

Total (16)

## Sophomore Year

### First Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 140 or STAT 146 - Concepts of Calculus or Biostatistics
- Second Language II†

Total (14)

### Second Semester

- BIOL 230 - Genetics (quantitative flag)
- BIOL 231 - Genetics Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 140 or STAT 146 - Concepts of Calculus or Biostatistics
- PHIL 200 Philosophical Perspectives Elective††
- Suggested: BIOL 299 Professional Communication in the Sciences (Oral comm flag)

Total (15)

## Junior Year

### First Semester

- BIOL 206 - Human Physiology

- BIOL 207 - Human Physiology Lab (writing flag)
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- HIST 199 - Historical Perspectives Elective
- PSYC 261 - Social Psychology††
- SOCI 101 - Intro to Sociology (DCR) †

Total (17)

## Second Semester

- BIOL 354 - Human and Comparative Anatomy
- BIOL 355 - Human and Comparative Anatomy
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- ENGL 205 - Literature and the Moral Imagination††
- Creative Perspectives Elective††

Total (15)

## Senior Year

### First Semester

- BIOL or CHEM - Senior Capstone\*\*
- PHYS 160 - College Physics I or PHYS 170 University Physics I
- PHYS 161 - Introductory Physics I Lab or PHYS 171 Exploration in Physics I Lab
- CHEM 440 - Biochemistry
- CHEM 220 - Principles of Physical Chemistry
- BIOL 310 Foundations of Pharmacology OR Theological Perspectives Elective with E/RS flag

Total (14-15)

### Second Semester

- BIOL or CHEM Senior Capstone\*\*
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- PHYS 162 - College Physics II or PHYS 172 University Physics II
- PHYS 163 - Introductory Physics II Lab or PHYS 173 Exploration in Physics II Lab
- CHEM 435 - Medicinal Chemistry OR Theological Perspectives Elective with E/RS flag
- Humanities Elective††
- MCAT prep class (optional)

Total (14-15)

### Note(s):

- A total of 2 credit hours of Senior Capstone is required. May be fulfilled in one semester or two.
- A minimum of 120 credit hours is required for the degree. A second bachelor's degree requires 150 cred hours (30 additional credit hours).

## Biophysics, B.S.

The biophysics program is highly interdisciplinary, providing students with the background and techniques of biology, chemistry and physics necessary to enter this rapidly growing field. A key component of the program is the hands on experience gained in numerous laboratory settings across the disciplines of biology, chemistry and physics, culminating in a senior capstone research experience in the biophysics area. The program's flexibility is intended to allow students to tailor their experience toward their personal interests, be it in industrial research, engineering, teaching, or health-science. The program's structure is intended to prepare a student for the rigors of advanced degree programs in biophysics as well as a wide variety of other fields of physics, law, medicine, health sciences, and biotechnology.

# Requirements for the Biophysics Major

## Core Curriculum Requirements:

See Undergraduate Core Curriculum

48 credit hours outside of major courses.

Mathematical Perspectives, Scientific Perspectives, Natural Science Elective, Quantitative Reasoning, Writing, and Oral Communication Flags are included in the major requirements.

## Major Requirements:

73 credit hours, including:

### 24 hours of physics and engineering courses:

- ENGR 101 - Introduction to Fabrication
- ENGR 173 - Explorations in Engineering
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 355 - Advanced Lab
- PHYS 382 - Thermodynamics
- PHYS 387 - Biophysics
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

### 19 hours of chemistry courses:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 440 - Biochemistry

### 4 hours of biology courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab

## 11 hours of mathematics courses:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus

## 15 credit hours of natural sciences electives:

At least 9 hours of electives must be in physics or engineering..

- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab
- BIOL 222 - Immunology
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 310 - Foundations of Pharmacology
- BIOL 360 - Cell Biology
- BIOL 380 - Neurobiology
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 322 - Physical Chemistry II
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 435 - Medicinal Chemistry
- CHEM 441 - Biochemistry Laboratory
- CHEM 450 - Topics in Organic Chemistry
- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 342 - Material Science
- ENGR 346 - Signals and Systems
- ENGR 370 - Fluid Mechanics
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 366 - Optics: Phys & Engineering
- PHYS 367 - Optics: Phys & Engineering Lab
- PHYS 376 - Quantum Mechanics I

## Notes:

- Specific requirements are modifiable for the needs and interests of each individual student.
- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.
- Pre-med students must take BIOL 162 and BIOL 163 in order to qualify for medical, dental, and veterinary schools. Additionally, General Psychology, Introduction to Sociology and Biochemistry, must be completed by the end of the junior year in order to take the MCAT between the junior and senior year. BIOL 354 Human and Comparative Anat is required for admission to some medical schools but is not required for MCAT performance. BIOL 230 Genetics and BIOL 231 Genetics Laboratory are listed in the minimal competences for first year medical students but are not required for MCAT performance. In order to be on track, pre-med students should take General Chemistry I and II (plus labs) during their first year, Organic Chemistry I and II (plus labs) and General Biology I and II (plus labs) during their second year, and Biochemistry during their third year.
- Pre-med students are strongly encouraged to speak to their advisor regarding their course schedule as soon as possible.
- Upper level biology courses may require BIOL 162 and BIOL 163

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

Depending on the language placement and how the DCR and ERS flags are satisfied more hours may need to be taken as electives to reach 120 hours.

## B.S., Biophysics



This block serves as a guideline for progress towards a degree. See your academic advisor.

## Freshman Year

### First Semester

- ENGR 101 - Introduction to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- MATH 180 - Differential Calculus
- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier

Total (15)

### Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Transition
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language 101

Total (16)

## Sophomore Year

### First Semester

- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 220 - Multivariable Calculus
- Second Language 102

Total (17)

### Second Semester

- PHYS 355 - Advanced Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- Second Language 201
- Program Elective

Total (15)

## Junior Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- Program Elective
- PHYS 382 - Thermodynamics
- Literature & the Moral Imagination
- Philosophical Perspectives

Total (16)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- Historical Perspectives
- Theological Perspectives
- Program Elective or PHYS 387 - Biophysics (Even Year Spring Semester)

Total (13)

## Senior Year

### First Semester

- CHEM 440 - Biochemistry
- PHYS 395 - Physics Research
- Social Science Elective
- Humanities Elective
- Ethics/Religion and Society (E/RS)
- Program Elective

Total (16)

### Second Semester

- Program Elective or PHYS 387 - Biophysics (Even Year Spring Semester)
- PHYS 398 - Physics Thesis
- Program Elective
- Diversity Curriculum Requirement (DCR)
- Creative Perspectives

Total (13)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

- Block schedules serve as a recommendation of course sequences, however, special care must be taken to follow the course sequence of the courses within the major. Consult academic advisor to determine when the courses are offered.
- Consult with your academic advisor should you need to deviate from the suggested course sequence due to mathematics placement in MATH 169 - Precalculus or a lower mathematics course.
- DCR & ER/S flags may double count with other core courses. Use "Attribute Type" when searching for courses.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. Credit hours required may vary between students due to incoming academic credit, core courses double counting, or mathematics and second language placement results but 120 credit hours must be obtained for graduation.

## Chemistry, B.S.

The Department of Chemistry offers a curriculum that covers the five major fields (analytical, biochemistry, inorganic, organic, and physical chemistry), the preparation and identification of compounds, and the literature on the subject. The department offers two tracks for the Chemistry degree. The first track is an ACS certified track that allows students to graduate as ACS certified majors. The second track does not receive ACS certification but opens up opportunities for students to pursue careers in chemistry and is a great way to prepare for graduate school in all but a few chemistry disciplines.

Chemistry, B.S. (with ACS certification)

Chemistry, B.S. (no ACS certification)

## Chemistry, B.S. (no ACS certification)

### Requirements for the Chemistry Major

#### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken. See Undergraduate Core Curriculum

#### Major Requirements:

51 credit hours, as follows

#### 31 hours of chemistry from:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 180 - Intro to Chemical Enterprise
- CHEM 220 - Principles of Physical Chem
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 300 - Intro to Chem Research
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research/Seminar (taken 2 times)

#### 6 hours of mathematics from:

- MATH 140 - Concepts of Calculus

8 hours of physics from:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

2 electives from:

- CHEM 250 - Quality Science Regulations
- CHEM 420 - Inorganic Chemistry
- CHEM 435 - Medicinal Chemistry
- CHEM 440 - Biochemistry
- CHEM 450 - Topics in Organic Chemistry

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.S. Chemistry

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CHEM 160: General Chemistry 1
- CHEM 161: General Chemistry 1 Lab
- CHEM 180: Intro. to Chem. Enterprise
- MATH 140: Concepts of Calculus
- CORE 100: 1st Year Seminar OR THEO 111
- ENGL 101: Engl Comp OR ENGL 115 Rhetoric
- CORE 101: GOA

Total (14)

#### Second Semester

- CHEM 162: General Chemistry 2
- CHEM 163: General Chemistry 2 Lab
- MATH 146: Introductory Biostatistics
- CORE 100: 1st Year Seminar OR THEO 111
- PHIL 100: Ethics as Intro
- Historical Perspectives Elective
- CORE 102: GOA

Total (16)

### Sophomore Year

#### First Semester

- CHEM 240: Organic Chemistry 1
- CHEM 241: Organic Chemistry 1 Lab
- PHYS 160: College Physics I
- PHYS 161: Introductory Physics Lab I
- THEO 111: Theological Foundations
- Second Language I

Total (14)

## Second Semester

- CHEM 242: Organic Chemistry 2
- CHEM 243: Organic Chemistry 2 Lab
- PHYS 162: College Physics II
- PHYS 163: Introductory Physics Lab II
- CHEM 226: Quantitative Analysis
- CHEM 227: Quantitative Analysis Lab
- Second Language II

Total (15)

## Junior Year

### First Semester

- CHEM 220: Principles of Physical Chemistry
- CHEM 340: Instrumental Analysis
- CHEM 300: Research Ethics
- PHIL 200: Philosophical Perspectives Elective
- ENG 205: Lit & the Moral Imagination
- General Elective (Minor Elective 1)

Total (16)

### Second Semester

- CHEM 341: Instrumental Analysis Lab
- Historical Perspective
- Social Science Elective
- PHIL 290: Theory of Knowledge
- General Elective (Minor Elective 2)

Total (13)

## Senior Year

### First Semester

- Chemistry Elective
- CHEM 400: Research/Seminar
- Creative Perspectives Elective
- Theological Perspectives Elective (E/RS)
- General Elective (Minor Elective 3)
- General Elective (Minor Elective 4)

Total (16)

### Second Semester

- Chemistry Elective
- E/RS Elective
- Diversity Elective
- CHEM 400: Research/Seminar
- Humanities Elective
- General Elective (Minor Elective 5)

Total (16)

## Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- All students must also satisfy five flags in addition to the 48 hours required by the core. No single course can count for more than two flags. Flagged courses often double-count for major and/or minor requirements. The five flagged courses are: the Diversity (DCR), Ethics/Religion and Society (E/RS) oral communications, quantitative reasoning and writing-intensive flagged courses. Many of these are available within the core or major; use "Attribute Type" when searching for courses.
- 2.00 cumulative average is required in the major courses.

## Chemistry, B.S. (with ACS certification)

### Requirements for the Chemistry Major

#### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken. See Undergraduate Core Curriculum

#### Major Requirements:

60 credit hours, as follows

#### 46 hours of chemistry from:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 180 - Intro to Chemical Enterprise
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 300 - Intro to Chem Research
- CHEM 320 - Physical Chemistry I
- CHEM 322 - Physical Chemistry II
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research/Seminar (taken 3 times)
- CHEM 420 - Inorganic Chemistry
- CHEM 421 - Inorganic Chemistry Lab
- CHEM 440 - Biochemistry
- CHEM 450 - Topics in Organic Chemistry

6 hours of mathematics from:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus

8 hours of physics from:

- PHYS 161 - Introductory Physics Lab I
- PHYS 163 - Introductory Physics Lab II
- PHYS 170 - University Physics I
- PHYS 172 - University Physics II

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Chemistry

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CHEM 160: General Chemistry 1
- CHEM 161: General Chemistry 1 Lab
- CHEM 180: Intro. to Chem. Enterprise
- MATH 180: Differential Calculus
- CORE 100: 1st Year Seminar OR THEO 111
- ENGL 101: Engl Comp OR ENGL 115 Rhetoric
- CORE 101: GOA

Total (14)

#### Second Semester

- CHEM 162: General Chemistry 2
- CHEM 163: General Chemistry 2 Lab
- MATH 181: Integral Calculus
- CORE 100: 1st Year Seminar OR THEO 111
- PHIL 100: Ethics as Intro
- Historical Perspectives Elective
- CORE 102: GOA

Total (16)

### Sophomore Year

## First Semester

- CHEM 240: Organic Chemistry 1
- CHEM 241: Organic Chemistry 1 Lab
- PHYS 170: University Physics I
- PHYS 161: Introductory Physics Lab I
- THEO 111: Theological Foundations
- Second Language I

Total (14)

## Second Semester

- CHEM 242: Organic Chemistry 2
- CHEM 243: Organic Chemistry 2 Lab
- PHYS 172: University Physics II
- PHYS 163: Introductory Physics Lab II
- CHEM 226: Quantitative Analysis
- CHEM 227: Quantitative Analysis Lab
- Second Language II

Total (15)

## Junior Year

### First Semester

- CHEM 320: Physical Chemistry I
- CHEM 340: Instrumental Analysis
- CHEM 300: Research Ethics
- PHIL 200: Philosophical Perspectives Elective
- ENG 205: Lit & the Moral Imagination
- CHEM 440: Biochemistry

Total (16)

### Second Semester

- CHEM 322: Physical Chemistry II
- CHEM 341: Instrumental Analysis Lab
- CHEM 325: Physical Chemistry Lab
- Historical Perspective
- Social Science Elective
- CHEM 400: Research/Seminar
- PHIL 290: Theory of Knowledge

Total (15)

## Senior Year

### First Semester



- CHEM 420: Inorganic Chemistry
- CHEM 421: Inorganic Chemistry Lab
- CHEM 450: Topics in Organic Chemistry
- CHEM 400: Research/Seminar
- Creative Perspectives Elective
- Theological Perspectives Elective (E/RS)
- General Elective

Total (17)

## Second Semester

- CHEM 400: Research
- E/RS Elective
- Diversity Elective
- CHEM 400: Research/Seminar
- Humanities Elective
- General Elective

Total (14)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- All students must also satisfy five flags in addition to the 48 hours required by the core. No single course can count for more than two flags. Flagged courses often double-count for major and/or minor requirements. The five flagged courses are: the Diversity (DCR), Ethics/Religion and Society (E/RS) oral communications, quantitative reasoning and writing-intensive flagged courses. Many of these are available within the core or major; use "Attribute Type" when searching for courses.
- 2.00 cumulative average is required in the major courses.

## Computer Science, B.S.

Computer technology has revolutionized society's methods for processing information and making decisions. The growth in the use of computers has increased the demand for professionals in computer science. Typical computer careers include programming and application in such areas as accounting, engineering, law, mathematics, medicine, and the sciences. Other positions include research in computer science, computer design, computer product marketing and sales, technical writing, and teaching.

Xavier's program is designed to develop, within the framework of a liberal education, the knowledge, skills, and creative analytical ability required for a productive career in computer-related fields and for graduate work in computer science or other areas. Computer science students may elect to participate in a cooperative education experience. The cooperative education program is designed to complement students' classroom training in theoretical computer science by providing actual work experience in a real software engineering environment. In addition to gaining a deeper appreciation of classroom theory, students also make valuable professional contacts and learn more about career options in computer science.

## Requirements for the Computer Science Major, BS

### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

### Sciences:

At least 8 hours in one science, chosen from the following four options:

- BIOL 160 - General Biology I and BIOL 161, General Biology I Lab
- BIOL 162 - General Biology II and BIOL 163, General Biology II Lab
- CHEM 160 - General Chemistry I and CHEM 161, General Chemistry I Lab
- CHEM 162 - General Chemistry II and CHEM 163, General Chemistry II Lab

- PHYS 160 - College Physics I and PHYS 161 - Introductory Physics I Lab
- PHYS 162 - College Physics II and PHYS 163 - Introductory Physics II Lab
- PHYS 170 - University Physics I and PHYS 161, Introductory Physics I Lab
- PHYS 172 - University Physics II and PHYS 163, Introductory Physics II Lab

## Mathematics:

6 hours from:

- MATH 225 - Foundations Of Higher Math
- MATH 156 - General Statistics
- MATH 222 - Applied Linear Algebra
- MATH 240 - Linear Algebra
- MATH 256 - Intro to Probability & Stats

## Major Requirements:

42 credit hours, as follows

### 36 hours of computer science courses:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 210 - Machine Org & Assembly Lang
- CSCI 220 - Data Structures & Algorithms
- CSCI 250 - Languages & Automata
- CSCI 260 - Software Engineering I
- CSCI 300 - Programming Languages
- CSCI 320 - Operating Systems
- CSCI 335 - Databases
- CSCI 340 - Networking
- CSCI 390 - Senior Seminar & Project

### 6 hours of computer science electives selected from:

- CSCI 200-397 (Refer to Course Descriptions) (includes co-op CSCI 395 Co-Op Education in Comp Sci)
- MATH 330 Graph Theory
- Three of the six hours of computer science electives must be from CSCI 210-390

## Note(s):

- Students with math placement below ADV will take CSCI 160 - Mathematical Thinking for CSCI
- MATH 180 - Differential Calculus is a pre-requisite for MATH 222, MATH 240, MATH 256, and PHYS 170
- A 2.000 cumulative average must be attained in the CSCI courses (exclusive of CSCI 160).
- Fulfill the current senior comprehensive requirements.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

**B.S. Computer Science**

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- CSCI 170 - Computer Science I
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- CSCI 160 Mathematical Thinking for CSCI (unless ADV placement)
- Second Language Elective I
- THEO 111 - Theological Foundations
- CORE 101 Goa 1

Total (15)

### Second Semester

- CSCI 180 - Computer Science II
- MATH 225 - Foundations
- Second Language Elective II
- PHIL 100 - Ethics as Intro to Philosophy
- First Year Seminar
- CORE 102 Goa 2

Total (15)

## Sophomore Year

### First Semester

- CSCI 220 - Data Structures & Algorithms
- MATH 156 General Statistics (or MATH 222/240/256)
- Scientific Perspectives
- Historical Perspectives
- ENGL 205 - Literature & Moral Imagination or CLAS 205 - Classical Lit & Moral Imagina&nbsp;or SPAN 205 - Hispanic Lit & Moral Imagin

Total (15)

### Second Semester

- CSCI 260 - Software Engineering
- CSCI 250 - Languages & Automata
- Theological Perspectives
- Philosophical Perspectives
- Creative Perspectives

Total (15)

## Junior Year

## First Semester

- CSCI 210 - Machine Org & Assembly Lang
- CSCI 261 Software Engineering II
- Major level Science/Lab (4)
- Social Science Elective
- Humanities Elective

Total (16)

## Second Semester

- CSCI 335 - Databases or CSCI 340 - Networking
- Major-level science/lab (4)
- E/RS Elective
- CSCI Elective (3)
- CSCI 300 Programming Languages (also core writing flag)

Total (16)

## Senior Year

### First Semester

- CSCI 320 - Operating Systems
- Computer Science Elective (3)
- General Elective (3)\*
- General Elective (3)\*
- General Elective (3)\*

Total (15)

### Second Semester

- CSCI 390 - Senior Seminar & Project (3) \*\*
- General Elective (3)\*
- General Elective (3)\*
- CSCI 335 - Databases or CSCI 340 - Networking

Total (12)

### Note(s):

\* Elective may need to be a flagged course fulfilling Diversity, E/RS requirement, Oral, Quantitative, or Writing requirement.

\*\* Students taking Senior Seminar and Project should contact the chair of the Computer Science Department one semester before enrolling in this course.

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- \*\* Courses filling other core requirements may also fulfill the Diversity Curriculum Requirement.

## Computer Science, B.S.

Please select one of the following:

- Computer Science, B.S.
- Computer Science, B.S. with a Concentration in Cybersecurity

## Computer Science, B.S. with a Concentration in Cybersecurity

Xavier's Computer Science degree with a concentration in Cybersecurity is an interdisciplinary effort of the Departments of Computer Science and Business Analytics and Information Systems. The program provides the fundamentals of cybersecurity at the hardware, systems, and compliance levels. The program follows recommendations from the Joint Taskforce on Cybersecurity Education, convened by the Association for Computing Machinery (ACM), the IEEE Computer Society (IEEE CS), the Association for Information Systems Special Interest Group on Security (AIS SIGSEC), and the International Federation for Information Processing Technical Committee on Information Security Education (IFIP WG 11.8) to cover all of the fundamental knowledge units recommended by the National Security Agency / Department of Homeland Security for Centers of Academic Excellence in Cyber Defense.

## Requirements

In addition to the requirements for the Computer Science, B.S. major, the following courses are required for the concentration:

- MATH 156 Statistics or MATH 256 Introduction to Probability and Statistics
- BAIS 359 Hardware, Software, and Security
- BAIS 459 Introduction to Cyber Security
- CSCI 240 Systems Security Fundamentals
- CSCI 340 Networking
- CSCI 341 Network Vulnerabilities, Penetration, and Defense
- A CSCI course designated as a Cybersecurity Elective

## Freshman Year

### First Semester

- CSCI 170 Computer Science 1 (Math Perspectives)
- ENGL 101 English Composition
- CSCI 160 Mathematical Thinking for CSCI (unless ADV placement)
- Second Language 1
- CORE 100 First Year Seminar
- CORE 101 GOA 1

### Second Semester

- CSCI 180 Computer Science II
- THEO 111 Theological Foundation
- MATH 225 Foundations
- Second Language 2
- PHIL 100 Ethics as Intro to Philosophy
- CORE 102 GOA 2

## Sophomore Year

## First Semester

- CSCI 220 Data Structures & Algorithms (QR)
- Second Language 3 (if needed, else elective)
- Historical Perspectives
- MATH 156 General Statistics (or MATH 222/240/256)
- ENGL 205 Lit & the Moral Imagination

## Second Semester

- CSCI 250 Languages & Automata
- CSCI 260 Software Engineering
- BAIS 359 Hardware, Software, Security
- Theological Perspectives
- CSCI 240 System Security Fundamentals

## Junior Year

### First Semester

- CSCI 210 Machine Organization
- CSCI 261 Software Engineering II
- Major Level Science/Lab (Sci Perspectives)
- BAIS 459 Introduction to Cyber Security
- CSCI 340 Networking

### Second Semester

- CSCI 335 Databases
- CSCI 341 Network Vulnerabilities, Penetration, and Defense
- Major Level Science / Lab (Nat Sci Elective)
- CSCI 300 Programming Languages (also core writing flag)
- Philosophical Perspectives

## Senior Year

### First Semester

- CSCI 320 Operating Systems
- CSCI Cybersecurity Elective
- Humanities Elective
- Creative Perspectives
- Elective

### Second Semester

- CSCI 390 Senior Project
- Diversity Flag Elective
- Social Science Elective
- ERS Flag Elective

- Elective

## **Criminal Justice, B.S.**

Criminal Justice investigates all aspects of crime and delinquency in our society from types, incidence, prevalence and distribution to causes and remedies. It further explores the philosophy and ideology, theory and practice, structure and process, policy and programs, and problems and issues of police, courts, and corrections. Students also examine the fundamental elements of criminal and constitutional law, and develop the skills to perform, analyze and evaluate social research.

The curriculum for Criminal Justice majors who are preparing for careers is designed to provide concepts, skills, and attitudes necessary for functioning with competence and conscience. For non-career students, a wider knowledge of important issues required for involved and informed citizen participation in the criminal justice system and its operations is acquired, along with ethical considerations related to concepts of justice in contemporary society.

### **Requirements for the Criminal Justice Major**

#### **Undergraduate Core Curriculum**

See Undergraduate Core Curriculum for details.

#### **Criminal Justice Core: 39 Credit Hours**

#### **Required Criminal Justice Courses: 30 Credit Hours**

- CJUS 101 - Intro to Criminal Justice (Also fulfills a Social Science Core requirement.)
- CJUS 102 - Intro to Law Enforcement
- CJUS 103 - Intro to Corrections
- CJUS 206 - Criminology
- CJUS 210 - Basic Const Law & Amer Justice
- CJUS 240 - Criminal Law
- CJUS 321 - Juvenile Justice
- CJUS 381 - Methods of Research in CJUS (Also fulfills Scientific Perspectives requirement)
- CJUS 391 - Practicum / Ethics
- CJUS 489 - Senior Seminar

#### **Criminal Justice Electives: 9 Credit Hours**

- CJUS 103-499 (Refer to Course Descriptions.)

#### **General Electives: 18 Credit Hours (minimum)**

Electives can be chosen to meet each student's individual needs. The criminal justice advisor will be available to assist in this process.

## Note(s):

- A grade of C or better is required for all courses designated as required for the Criminal Justice major and minor.
- CJUS 391, Practicum in Criminal Justice, consists of supervised placement in criminal justice agencies, and CJUS 381, Methods of Criminal Justice Research, provides exposure to applied research in the subject area.
- Criminalistics *Concentration* is an optional addition to the major, and it must be declared by the student to the department. As part of major, these 15 hours of criminal justice courses must be completed: CJUS 101, CJUS 102, CJUS 239, CJUS 439 and CJUS 449.

## TOTAL Minimum Hours Required for B.S. Degree: 120 Credit Hours

This number assumes that the ER/S and DCR requirements are fulfilled with other core or major courses, although this is not always possible.

## B.S. Criminal Justice

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CJUS 101 - Intro to Criminal Justice (Social Science Elective)
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
- CORE 100 - First Year Seminar
- Second Language I
- General Elective
- CORE 101 - Co-curricular Program I

Total (15)

#### Second Semester

- CJUS 102 - Intro to Law Enforcement
- Historical Perspectives
- THEO 111 - Theological Foundations
- Second Language II
- Oral Communication Elective
- CORE 102 - Co-Curricular Program II

Total (15)

### Sophomore Year

#### First Semester



- CJUS 103 - Intro to Corrections
- PHIL 100 - Ethics as Intro to Philosophy
- Theological Perspectives
- ENGL 205 - Literature & Moral Imagination
- General Elective

Total (15)

## Second Semester

- CJUS 206 - Criminology
- CJUS 381 - Methods of Research in CJUS (Scientific Perspectives)
- PHIL 200 - Philosophical Perspectives
- Mathematics Perspectives
- General Elective

Total (15)

## Junior Year

### First Semester

- CJUS 210 - Basic Const Law & Amer Justice
- Humanities Elective
- Ethics, Religion & Society (ERS) Elective
- CJUS Elective
- Quantitative Elective

Total (15)

### Second Semester

- CJUS 240 - Criminal Law
- Diversity Flag
- Natural Science Elective
- Creative Perspectives
- Writing Intensive Elective

Total (15)

## Senior Year

### First Semester

- CJUS 321 - Juvenile Justice
- General Electives (9 credit hours)
- CJUS Elective

Total (15)

### Second Semester

- CJUS 391 - Practicum / Ethics
- CJUS 489 - Senior Seminar
- CJUS Elective
- General Electives (6 credit hours)

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- \* E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- + Diversity Curriculum Requirement may be used to satisfy another element of the core or the major.
- CJUS 101 may be used to fulfill a social science elective.
- CJUS 381 may be used to fulfill scientific perspectives requirement.
- A minimum of 120 credit hours is required for the degree.

## Engineering Physics, B.S.

The Engineering Physics program provides students interested in Engineering a clear track to pursue a 1-year Masters in Engineering or a 2-year, research-based Masters in Science at the University of Cincinnati in:

Mechanical Engineering, Material Science Engineering, Electrical Engineer, Aerospace Engineering, Civil Engineering, Architectural Engineering, Environmental Engineering, Biomedical Engineering, Robotics and Intelligent Autonomous Systems, and Artificial Intelligence

Further information about this partnership can be found at this link (<https://www.xavier.edu/physics-department/programs/masters-in-engineering-tracks>)

Engineering Physics combines courses in physics and mathematics with several diverse courses in engineering. Serving the foundation of the program is a set of courses that provides a fundamental understanding of traditional topics in physics including the motion of solid bodies, sound, fluids, electricity, magnetism, and the interaction between light and matter. These "foundational" courses describe how theories about natural phenomena are deduced from experiments and observations, develop the mathematical formalism through which these theories are expressed, and present techniques for using this formalism to describe and analyze systems. Overarching these "foundational" courses are a set of "engineering" courses that focus on the application of scientific principles toward the design and construction of structures, materials, devices and systems that serve an intended function. A senior capstone experience provided through a two-semester sequence teaches the product development process typically utilized in the engineering community and enables students to experience the process from idea conception through production. The program is intended for students who want a solid foundation in physics and a rigorous set of engineering courses that will allow them to pursue an engineering related career or an advanced degree in engineering.

## Requirements for the Engineering Physics Major

### Core Curriculum Requirement:

See Undergraduate Core Curriculum

48 credit hours outside of major courses.

### Major Requirements:

78 credit hours, as follows:

#### 40 hours of engineering courses:

- ENGR 101 - Introduction to Fabrication
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab

- ENGR 342 - Material Science
- ENGR 346 - Signals and Systems
- ENGR 354 - Microprocessors & Digital Syst
- ENGR 358 - Analog and Digital Comm
- ENGR 366 - Optics: Phys & Engineering
- ENGR 367 - Optics: Phys & Engineering Lab
- ENGR 370 - Fluid Mechanics
- ENGR 380 - Control Systems
- ENGR 384 - Heat Transfer
- ENGR 395 - Senior Design Project I
  
- ENGR 398 - Senior Design Project II

#### 24 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Lab
- PHYS 360 - Electromagnetism I

#### 14 hours of mathematics from:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus
- MATH 230 - Intro to Ordinary Diff Equat

#### Note(s):

- Specific requirements are modifiable for the needs and interests of each individual student.
- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.

#### TOTAL Minimum Hours Required for Degree: 120 Semester Hours

- Depending on the language and mathematics placement, as well as how the DCR and ERS flags are satisfied, additional hours may need to be taken as electives to reach 120 hours.

### B.S. Engineering Physics

This block serves as a guideline for progress toward a degree. See your academic advisor.

#### Students Entering in Even Year

##### Freshman Year

## First Semester

- ENGR 101 - Intro to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 180 - Differential Calculus
- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- Second Language 101

Total (14)

## Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Second Language 102
- ENGL 101 - English Composition

Total (16)

## Sophomore Year

### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- MATH 220 - Multivariable Calculus
- Second Language 201

Total (17)

### Second Semester

- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 355 - Advanced Lab
- MATH 230 - Intro to Ordinary Diff Equations
- Theological Perspectives
- PHIL 100 - Ethics as Intro to Philosophy

Total (17)

## Junior Year

### First Semester

- ENGR 346 - Signals and Systems
- PHYS 350 - Theoretical Mechanics

- PHYS 360 - Electromagnetism I
- Philosophical Perspectives
- Literature & the Moral Imagination

Total (16)

## Second Semester

- ENGR 358 - Analog & Digital Communication
- ENGR 366 - Optics: Phys & Engineering
- ENGR 367 - Optics: Phys & Engineering Lab
- ENGR 380 - Control Systems
- ENGR 396 - Engineering Colloquium
- Historical Perspectives
- Ethics/Religion and Society (E/RS)
- CAD Badge

Total (17)

## Senior Year

### First Semester

- ENGR 354 - Microprocessors & Digital Systems
- ENGR 370 - Fluid Mechanics
- ENGR 395 - Senior Project I
- Creative Perspectives
- Diversity Curriculum Requirement (DCR)

Total (15)

### Second Semester

- ENGR 342 - Material Science
- ENGR 384 - Heat Transfer
- ENGR 398 - Senior Design Project II
- Social Science Elective
- Humanities Elective
- CORE 499 - Core Capstone

Total (14)

## Students Entering in Odd Year

### Freshman Year

#### First Semester

- ENGR 101 - Intro to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics
- MATH 180 - Differential Calculus
- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- Second Language 101

Total (14)

## Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Second Language 102
- ENGL 101 - English Composition

Total (16)

## Sophomore Year

### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- MATH 220 - Multivariable Calculus
- Second Language 201

Total (17)

### Second Semester

- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 355 - Advanced Lab
- MATH 230 - Intro to Ordinary Diff Equations
- PHIL 100 - Ethics as Intro to Philosophy
- Theological Perspectives

Total (17)

## Junior Year

### First Semester

- ENGR 354 - Microprocessors & Digital Systems
- ENGR 370 - Fluid Mechanics
- Creative Perspectives
- Philosophical Perspectives
- Literature & the Moral Imagination

Total (16)

### Second Semester

- ENGR 342 - Material Science
- ENGR 384 - Heat Transfer
- Social Science Elective
- Historical Perspectives
- Ethics/Religion and Society (E/RS)
- CAD Badge

Total (15)

## Senior Year

### First Semester

- ENGR 395 - Senior Design Project I
- PHYS 350 - Theoretical Mechanics
- PHYS 360 - Electromagnetism I
- ENGR 346 - Signals & Systems
- Diversity Curriculum Requirement (DCR)

Total (15)

### Second Semester

- ENGR 358 - Analog & Digital Communication
- ENGR 366 - Optics: Phys & Engineering
- ENGR 367 - Optics: Phys & Engineering Lab
- ENGR 380 - Control Systems
- ENGR 396 - Engineering Colloquium
- ENGR 398 - Senior Design Project II
- Humanities Elective
- CORE 499 - Core Capstone

Total (16)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Block schedules serve as a recommendation of course sequences, however, special care must be taken to follow the course sequence of the courses within the major. Deviation from the course sequence within the major will most likely preclude a student from earning an Engineering Physics degree.
- Consult with your academic advisor should you need to deviate from the suggested course sequence due to mathematics placement in MATH 169 - Precalculus or a lower mathematics course.
- DCR & ER/S flags may double count with other core courses. Use "Attribute Type" when searching for courses.
- Core requirements for oral communications, quantitative reasoning, and writing-intensive flagged courses are fulfilled within the Engineering Physics curriculum.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. Credit hours required may vary between students due to incoming academic credit, core courses double counting, or mathematics and second language placement results but 120 credit hours must be obtained for graduation.

## Environmental Science, B.S.

The environmental science major includes the interdisciplinary study of the impact of human systems on our natural environment and how in turn these natural systems affect the human environment.

## Requirements for the Environmental Science Major

### Core Curriculum:

- Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

## Mathematical Perspectives

- MATH 140

## Biology: 21 Credit Hours

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
- BIOL 398 - SEM: Environmental Studies or
  
- BIOL 495 - Professional Project (Senior Internship) or
- BIOL 496 - Senior Capstone Seminar or
- BIOL 497 - Experimental Biology Lab or
- BIOL 498 - Methods of Biol Research I and
- BIOL 499 - Methods of Biol Research II

## Chemistry: 8 Credit Hours

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab

## Physics: 8 Credit Hours

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Economics: 6 Credit Hours

- ECON 200 - Microeconomic Principles
- ECON 320 - Natural Resource Economics

## Mathematics: 6 Credit Hours

- or MATH 170 - Calculus I

## Science and Math/Computer Science Electives: 9 Credit Hours Minimum



Students must select a minimum of nine credit hours from the following list of courses, including at least one science laboratory and no more than one mathematics/computer science course.

- BIOL 210 - General Botany
  - BIOL 211 - General Botany Lab
  - BIOL 227 - Parasitology
  - BIOL 230 - Genetics
  - BIOL 231 - Genetics Laboratory
  - BIOL 240 - Evolution
  - BIOL 244 - Animal Behavior
  - BIOL 255 - Tropical Ecology
  - BIOL 256 - Conservation Biology Ireland
  - BIOL 270 - Introduction To Entomology
  - BIOL 271 - Introduction To Entomology Lab
- 
- BIOL 364 - Virology
  - BIOL 450 - General Microbiology
  - BIOL 451 - General Microbiology Lab
  - CHEM 240 - Organic Chemistry I
  - CHEM 241 - Organic Chemistry I Lab
  - CHEM 242 - Organic Chemistry II
  - CHEM 243 - Organic Chemistry II Lab
  - CHEM 440 - Biochemistry
  - CSCI 170 - Computer Science I
  - MATH 325 - Mathematical Modeling

## Non-Science Electives: 6 Credit Hours Minimum

Students must complete a minimum of six credit hours from the following list.

- ECON 421 - Environment, Economics and Policy
- ENGL 205 - Literature and the Moral Imagination: Literature and the Environment (Specific environmental sections must be approved)
- ENGL 348 - Literature and the Environment
- ENGL 363 Ecocriticism
- HIST 123 - African History I
- HIST 398 - History of Agriculture
- HIST 399 - Green Urbanism
- HIST 436 - Urban Ecologies and Economies
- [POLI 316](#) / HIST 316 - Globalization
- PHIL 200 - Philosophical Perspectives: Philosophy and Ecology (Instructor - Konopka)
- PHIL 387 - Topics in Contemporary Philosophy (Instructor - Konopka)
- PHIL 392 - Philosophy of Nature
- THEO 245 - God, Creation and Ecology
- THEO 332 - Sacred Ground and New Story/Cosmology
- THEO 360 - Consumption as a Problem
- THEO 388 - Wilderness and Religious Imagination
- THEO 389 - Theologies of Food and Farm
- THEO 396 - Native American Lifeways
- SOCI 240 - Population and Globalization
- SUST 301 Cultural Studies and Sustainability
- SUST 465 - Topics in Sustainability: Renewable Energy and Economies (Instructor - Bertaux)
- Other courses as approved by advisor

A 2.000 cumulative average must be attained in the major.

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

B.S. Environmental Science

## Freshman Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 1st Year Seminar or THEO 111
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- CORE 101 - GOA

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 1st Year Seminar or THEO 111
- PHIL 100 - Ethics as Intro to Philosophy
- CORE 102 - GOA

Total (14)

## Sophomore Year

### First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- ENGL 205 - Literature & Moral Imagination
- MATH 140 - Calculus or MATH 146 - Biostatistics
- Historical Perspectives Elective
- Second Language I

Total (16)

### Second Semester

- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
- ECON 200 - Microeconomic Principles
- ENVS - Non Science Elective
- Theological Perspectives
- Second Language II

Total (16)

## Junior Year

## First Semester

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- ENVS Non-Science Elective
- MATH 140 - Calculus or MATH 156 - General Statistics
- Math or Science Elective
- PHIL 200 - Philosophical Perspectives Elective

Total (16)

## Second Semester

- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- Humanities Elective
- Creative Perspectives Elective
- General Elective
- Social Science or General Elective

Total (16)

## Senior Year

### First Semester

- BIOL 495, 497 or 498: Internship/Methods BR I
- ECON 320 - Natural Resource Economics
- Science or Math Elective (5 credit hours)
- General Elective (DCR)
- General Elective

Total (15-16)

### Second Semester

- BIOL 396 or 397 or 398 - Environmental Studies SEM
- BIOL 495, 496 or 499: Internship/Methods BR II
- E/RS Course
- General Elective
- Science or Math Elective

Total (13-14)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- All students must also satisfy five flags in addition to the 48 hours required by the core. No single course can count for more than two flags. Flagged courses often double-count for major and/or minor requirements. The five flagged courses are: the Diversity (DCR), Ethics/Religion and Society (E/RS) oral communications, quantitative reasoning and writing-intensive flagged courses. Many of these are available within the core or major; use "Attribute Type" when searching for courses.
- 2.00 cumulative average is required in the major courses.
- A minimum of 120 credit hours is required for the degree. 2.00 cumulative average is required in the major courses.

# B.S. Environmental Science - Alternative Pathway

This block schedule serves as a guideline for progress toward a degree for students who start with a math placement in MATH 105. See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

## Freshman Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 1st Year Seminar or THEO 111
- MATH 105 Fundamentals of Mathematics
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 1st Year Seminar or THEO 111
- MATH 120 Elementary Functions
- CORE 102 - GOA - 1st Year Co-Curricular Program II

Total (14)

## Sophomore Year

### First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- ENGL 205 - Literature & Moral Imagination††
- MATH 140 - Calculus or STAT 146 - Biostatistics†
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†
- Second Language I†

Total (16)

### Second Semester

- BIOL 260 - Intro to Environmental Science (quantitative flag)
- BIOL 261 - Intro to Environ Science Lab
- ECON 200 - Microeconomic Principles
- MATH 140 - Calculus or STAT 146 - Biostatistics††
- Second Language II†
- Recommended: BIOL 299 Professional Communication in the Sciences (oral comm flag)

Total (14)

## Junior Year

## First Semester

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- ENVS Non-Science Elective
- Theological Perspectives Elective††
- Math or Science Elective
- PHIL 100 - Ethics as Intro to Philosophy†

Total (16)

## Second Semester

- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- Humanities Elective††
- Creative Perspectives Elective††
- ENVS - Non Science Elective
- Historical Perspectives Elective††

Total (16)

## Senior Year

### First Semester

- BIOL Capstone
- ECON 320 - Natural Resource Economics
- Science or Math Elective (5 credit hours)
- BIOL 396 or 397 or 398 - Environmental Studies SEM (writing flag) or General Elective
- General Elective (DCR) ††

Total (15-16)

### Second Semester

- BIOL 396 or 397 or 398 - Environmental Studies SEM (writing flag) or General Elective
- BIOL 495, 496 or 499: Internship/Methods BR II†††
- E/RS Elective
- PHIL 200 - Philosophical Perspectives Elective††
- Science or Math Elective

Total (13-14)

## Notes:

- 2.00 cumulative average is required in the major courses.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## Environmental Science, B.S.

Please choose one of the following:

Environmental Science, B.S.

Environmental Science, B.S. with Environmental Management concentration

## **Environmental Science, B.S. with Environmental Management concentration**

### **Xavier University - Duke University Cooperative Forestry and Environmental Management Programs**

This program is designed to coordinate the education of undergraduate environmental science students at Xavier with graduate programs in the Duke University School of the Environment. After completing three years of the Environmental Science Program at Xavier, participating students are accepted into either of two Duke University degree programs, the Master of Forestry (MF) or Master of Environmental Management (MEM). The MF emphasizes forest resources, and graduates are typically employed in administrative, managerial, or staff positions with forest industries and government agencies. The MEM program considers natural resources in a broader context. Students find employment in such areas as resource development, environmental protection, impact assessment, land use analysis, and coastal zone management.

The curriculum which leads to the above degrees consists of six semesters of undergraduate study at Xavier University (similar to the Environmental Science major) and four semesters of graduate study at Duke University School of the Environment. During the fall semester of the junior year at Xavier, the student applies for admission to the Duke University School of the Environment. The BS Applied Biology degree will be awarded by Xavier University upon satisfactory completion of one year of full-time study at Duke University. Upon satisfactory completion of the requirements for a master's degree, Duke University will award either the degree of MF or MEM, whichever is appropriate for the student's area of concentration at Duke University. If a student is unable to enter Duke University, courses necessary for completion of requirements leading to the BS in Environmental Science can be taken during the senior year.

All incoming students to Xavier will first enroll as an Environmental Science Major. After meeting with the program director during the freshman to junior year, students will then be allowed to declare the Environmental Science Major with Environmental Management concentration.

### **Requirements for the Environmental Science Major with Environmental Management concentration**

**Students must have the program director's approval before declaring the Environmental Science major with a concentration in Environmental Management**

#### **Core Curriculum Requirements:**

Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

#### **Mathematical Perspectives:**

- MATH 140 - Concepts of Calculus or
- MATH 180 - Differential Calculus

#### **3 hours of Social Sciences, including:**

- ECON 200 - Microeconomic Principles

#### **Major Requirements:**

45 credit hours, as follows

#### **21 hours of required biology courses:**

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 260 - Intro to Environmental Science

- BIOL 261 - Intro to Environ Science Lab
- BIOL 398 - SEM: Environmental Studies

#### 19 hours of additional science coursework:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- ECON 320 - Natural Resource Economics

#### 5 hours of additional science elective coursework

Students must select a minimum of 5 credit hours from the following list of courses. No more than one mathematics/computer science course may be taken.

- BIOL 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 227 - Parasitology
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 240 - Evolution
- BIOL 244 - Animal Behavior
- BIOL 255 - Tropical Ecology
- BIOL 256 - Conservation Biology Ireland
- BIOL 270 - Introduction To Entomology
- BIOL 271 - Introduction To Entomology Lab
  
- BIOL 364 - Virology
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 440 - Biochemistry
- CSCI 170 - Computer Science I
- MATH 325 - Mathematical Modeling

#### Note(s):

- A 2.000 cumulative average must be attained in all biology courses.
- One year of full time study at the Duke University School of the Environment.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

### B.S. Environmental Science with Environmental Management concentration

This block serves as a guideline for progress toward a degree. See your academic advisor.

#### Freshman Year

## First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

## Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- ECON 200 - Microeconomic Principles†
- PHIL 100 - Ethics as Intro to Philosophy†
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- CORE 102 - 1st Year Co-Curricular Program II

Total (17)

## Sophomore Year

### First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- MATH 140 or MATH 180
- ECON 320 - Natural Resource Economics
- Second Language I†
- Historical Perspectives††

Total (16)

### Second Semester

- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environmental Science Lab
- Humanities Elective††
- Creative Perspectives†
- ENGL 205 - Literature & Moral Imagination††
- Second Language II†

Total (16)

## Junior Year



## First Semester

- BIOL Capstone
- Science Elective
- Science Elective
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- Philosophical Perspectives††
- STAT 146 - Biostatistics

Total (15-17)

## Second Semester

- BIOL Capstone
- BIOL 396 or 397 or 398 - Environmental Studies SEM
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- Theological Perspectives Elective††
- General Elective
- General Elective

Total (16-18)

## Senior Year

During the junior year the student applies for admission to Duke University. The BS degree will be awarded by Xavier University upon satisfactory completion of one year of fulltime study (minimum of 24 credit hours) at Duke University.

If a student is unable to enter Duke University, arrangements should be made with the chair of the Biology Department to determine the senior year courses necessary for completion of requirements leading to the BS degree in Environmental Science .

A cumulative average of 2.0 is required in the major courses for graduation.

A minimum of 120 credit hours (96 hours at Xavier and 24 hours at Duke) is required for the degree.

## Notes:

- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## Exercise Science, B.S.

The BS in Exercise Science degree is a scientific program that focuses on the anatomy, physiology, biochemistry, and biophysics of human movement, and the application to exercise, physical activity, and therapeutic rehabilitation. Students will be taught to create and execute science-based exercise programs that are safe and effective for a variety of individuals. Students will learn to promote wellness for individuals of different ages, sexes, and fitness levels/abilities.

Students will be prepared to work in health promotion, fitness facilities, colleges and universities, clinical rehabilitation facilities, and in sport and athletic conditioning programs. This degree is also designed to help students prepare for graduate studies in athletic training, medicine, occupational therapy, physical therapy, and other health care related specialties.

Dependent upon the exercise science electives students select, at the end of this program students may be eligible for the following certifications; American College of Sports Medicine (ACSM) Certified Exercise Physiologist, ACSM Certified Personal Trainer, National Strength & Conditioning Specialists (CSCS), and American Council on Exercise (ACE) Personal Trainer Certification.

## Program Admission Requirements

There are no separate admission criteria for the BS in Exercise Science major. All students that are admitted into XU are welcome to start the major.

## Program Progression and Retention Requirements

### Academic Progression

- Several Exercise Science courses have required pre-requisites. Students must pass each required pre-requisite with a grade of C or better to be permitted to register for the Exercise Science course. A grade of C- or less will not meet the requirement. This may impact progression in the major and possibly a student's date of graduation.
- Students must earn minimum grade of "C" in all Core Exercise Science courses. Students may repeat a course one time to improve their grade and meet graduation requirements. If a student does not meet the minimum grade requirement the second time a course is taken, they will not be permitted to retake the course, and will be dismissed from the major.

### Academic Probation

- Any student whose cumulative average falls below 2.75 is placed on academic probation. Academic probation will be imposed by the program director at the end of any term. While on probation a student may be restricted to a reduced course load, and/or receive other stipulations intended to improve the student's academic success. Academic probation is removed when the student's cumulative average rises to 2.75 or above.

### Academic Suspension

Students on academic probation who fail to restore their cumulative grade point average to 2.75 within two semesters will be suspended from the program. In addition, freshmen and probationary students who receive more than one failing grade within a single term will be suspended. Suspension will be enforced unless in the judgment of the program director there are extenuating circumstances. One fall or spring term must elapse before a suspended student may reapply.

### Academic Reactivation

A suspended student who wishes to return is required to contact the program director in writing. Reactivation and the conditions for such will be determined by program director.

### Academic Dismissal

A student who has been readmitted after a period of suspension and who fails to meet the terms of the readmission as stipulated by the program director will be dismissed from the program and is not eligible to return.

## Program Graduation Requirements

- Completion of all Exercise Science and XU Core Requirements
- Completion of a minimum of 120 credits
- A minimum grade of "C" in all Core Exercise Science courses
- A minimum cumulative GPA of 3.0 in all EXSC courses
- A minimum grade of "C" in all Exercise Science Elective courses
- A minimum grade of "C" in all required Science courses
- Anatomy and Physiology must be completed at a four-year regionally accredited university

## Requirements for the Exercise Science Major

### Core Curriculum Requirements

See Undergraduate Core Curriculum

### Exercise Science Curriculum

Credit Hour Total: 56-57 cred hours.

- Exercise Science Major Requirements - 26 credit hours
- Exercise Science Electives - 9 credit hours
- Math Requirements - 3 credit hours
- Science Requirements - 15-16 credit hours
- Social Science Requirements - 3 credit hours

## Major Requirements

- EXSC 100 - Intro to Exercise Science
- EXSC 200 - Kinesiology
- EXSC 300 - Exercise Physiology
- EXSC 320 - Fitness Training Principles
- EXSC 325 - Resistance Training
- EXSC 360 - Nutrition for Sport & Exercise
- EXSC 380 - Fitness Assessment & Design
- EXSC 381 - Fitness Assess & Design Lab
- EXSC 460 - Exercise Science Practicum

## Exercise Science Electives - 9 hours from the following options:

- BIOL 204 - Functional Neuroscience
- BIOL 370 - Endocrinology
  
- EXSC 260 - Sports Medicine
- EXSC 261 - Sports Medicine Laboratory
  
- EXSC 400 - Biomechanics
- EXSC 420 - Cardiopulmonary Fitness
- EXSC 440 - Fitness in Special Populations
- SPMG 322 - Facility & Event Mgmt
- SPMG 348 - Legal & Ethical Issues in Sprt
- SPMG 377 - Sport Psychology
- SPMG 410 - Sport Ethics

## Mathematics Requirements:

- MATH 116 - Elementary Statistics
- MATH 156 - General Statistics

## Science Requirements:

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health
- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- CHEM 150 - Physiological Chemistry
- CHEM 151 - Physiological Chemistry Lab
  
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- PHYS 140 - Technical Physics
- PHYS 141 - Technical Physics Lab
  
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I

## Social Science Requirement:

- PSYC 101 - General Psychology

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

# B.S. Exercise Science

4 Year Plan

## First Year

### Fall Semester

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Human A&P I Lab Allied Health
- ENGL 101 - English Composition
- EXSC 100 - Intro to Exercise Science
- Second Language I
- CORE 101
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

### Spring Semester

- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- EXSC 200 - Kinesiology
- Historical Perspectives
- Second Language II
- CORE 102
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

## Second Year

### Fall Semester

- CHEM 150 - Physiological Chemistry
- CHEM 151 - Physiological Chemistry Lab
- MATH 116 - Elementary Statistics or MATH 156 - General Statistics
- PSYC 101 - General Psychology
- EXSC 300 - Exercise Physiology
- Theological Perspectives Elective

### Spring Semester

- PHIL 100 - Ethics as Intro to Philosophy
- EXSC 320 - Fitness Training Principles
- EXSC 325 - Resistance Training
- EXSC 360 - Nutrition for Sport and Exercise
- ENGL/CLAS/SPAN 205 - Lit & Moral Imag
- Core/General Electives (3)

## Third Year

### Fall Semester

- PHYS 140 - Technical Physics

- PHYS 141 - Technical Physics Lab
- EXSC 380 - Fitness Assessment and Design
- EXSC - Fitness Assess and Design Lab
- Ethics/Religion & Society Elective
- Humanities Elective
- Core/General Electives

## Spring Semester

- Exercise Science Elective
- Exercise Science Elective
- PHIL 200 - Philosophical Perspectives
- Creative Perspectives
- Core/General Electives

## Fourth Year

### Fall Semester

- Exercise Science Elective
- Core/General Electives

### Spring Semester

- EXSC 460 - Exercise Science Practicum
- Core/General Electives

## B.S. Exercise Science + M.S. Athletic Training 3+2 Option

### Program Requirements

Students are required to meet all Admission, Progression, Retention and Graduation requirements of the Exercise Science, B.S. and Athletic Training, M.S. .

### Curriculum Requirements

151 credit hours:

- Undergraduate Core Curriculum
- B.S. Exercise Science Requirements - 97 credit hours
- Dual B.S. Exercise Science / M.S. Athletic Training Requirements - 23 credit hours
- M.S. Athletic Training Requirements - 31 credit hours

### Course Sequence

#### First Year

#### Fall Semester

- EXSC 100 - Intro to Exercise Science
- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Human A&P I Lab Allied Health
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Second Language I
- CORE 101

## Spring Semester

- EXSC 200 - Kinesiology
- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Second Language II
- Historical Perspectives
- CORE 102

## Second Year

### Fall Semester

- CHEM 150 - Physiological Chemistry
- CHEM 151 - Physiological Chemistry Lab
- MATH 116 - Elementary Statistics or MATH 156 - General Statistics
- PSYC 101 - General Psychology
- EXSC 300 - Exercise Physiology
- Theological Perspectives Elective

### Spring Semester

- PHIL 100 - Ethics as Intro to Philosophy
- EXSC 320 - Fitness Training Principles
- EXSC 325 - Resistance Training
- EXSC 360 - Nutrition for Sport & Exercise
- Exercise Science Elective
- ENGL/CLAS/SPAN 205 - Lit & Moral Imag

## Third Year

### Fall Semester

- PHYS 140 - Technical Physics
- PHYS 141 - Technical Physics Lab
- EXSC 380 -&nbsp;Fitness Assessment & Design
- EXSC 381 -&nbsp;Fitness Assess & Design Lab
- Exercise Science Elective
- Ethics/Religion & Society Elective
- Humanities Elective

### Spring Semester

- Exercise Science Elective
- EXSC 460 - Exercise Science Practicum
- PHIL 200 - Philosophical Perspective
- Creative Perspectives Elective
- Core / General Electives

## Summer Semester

- ATTR 500 - Care & Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

## Fourth Year

### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Interventions I
- ATTR 540 - Evidence Based Practice
- ATTR 561 - Clinical Experience I

### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Interventions II
- ATTR 541 - Research I
- ATTR 550 - IP Collaboration
- ATTR 562 - Clinical Experience 2

## Fifth Year

### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts
- ATTR 633 - Therapeutic Interventions III
- ATTR 642 - Research II
- ATTR 663 - Clinical Experience 3

### Spring Semester

- ATTR 650 - Contemporary Issues in AT
- ATTR 664 - Clinical Experience 4

## Note:

- Students will need to incorporate the 5 flags into their core courses.

## **Health Services Administration, B.S.**

The Bachelor of Science in Health Services Administration prepares the student, through academic work and practical internships, for a career in the growing and expanding fields of health services, including job opportunities in hospitals, systems, insurance companies, medical group practices, ambulatory centers, home care, medical devices companies, pharmaceutical companies, local, federal and state agencies, skilled nursing facilities, retirement communities, community agencies, and elder care organizations. The program also prepares students for graduate work in health services, law, medicine, allied health fields, health services research or policy and public health. All Health Services Administration students graduate with a minor in business.

For the Bachelor of Science in Health Services Administration degree, the faculty seeks to enhance students' values orientation and ethics, and to provide them with the liberal arts and technical knowledge, critical thinking and communication skills necessary to prepare graduates to perform proficiently in entry-level positions in health care organizations.

Students may experience:

- An interdisciplinary curriculum based in the liberal arts tradition
- Required field experiences (internships)
- Community service
- Undergraduate research and scholarship
- Optional immersion study abroad experience

The program's focus is on:

1. Traditional Jesuit liberal arts core with courses in language, theology, philosophy, history, math, sciences, English and communication;
2. Specialized courses in health care management, finance, ethics, economics, and statistics.

During the internship, students will have the opportunity to:

- Apply knowledge and skills learned in the classroom
- Work with others and develop relationships beyond the classroom
- Discern their individual interests
- Experience growth and development in a practical setting
- Explore options for employment

## GPA/Grade Policy

In order to remain in good standing with and graduate as an undergraduate major from the Department of Health Services Administration, students must meet the following criteria.

### Overall GPA:

- Students must maintain an overall GPA of 2.0 or above, as per the general university requirements for undergraduate students.

### Minor GPA:

- Students must meet criteria for minor courses as designated by the Williams College of Business.

### Major and Concentration GPA:

- Students must maintain an overall combined major/concentration GPA of 2.67. This GPA is made up of all courses taken in the major and concentration, and equates to a B- average for all major courses. If the student is to change concentrations, grades from their first concentration still apply to the calculation of this GPA.

### Introductory Course Grades:

- Students must achieve a grade of B- or higher in both of the introductory classes for HESA 101 and HESA 110.
- Students must achieve a grade of B- or higher in HESA 370 Internship Preparation. This class prepares students for the internship requirement the summer after their junior year.
- Grades lower than B- will result in a student not receiving credit for that course requirement towards their Health Services Administration degree.

### Retaking Introductory Courses:

- If a student receives a grade of C+ or below in HESA 101, HESA 110, or HESA 370, they may retake that course two additional times as per the general university policy.
- The student will be considered on departmental probation until they achieve or surpass the required grade for the designated course.
- The course must be retaken at Xavier.
- If a student fails to meet department grade standards after taking a course a total of three times, they will be dismissed from the major.
- If being dismissed, students will meet with the BSHSA Program Director and determine into which major or program they would like to be placed.

### Falling Below Major/Concentration GPA Standards:

- If a student falls below the major/concentration GPA standard of 2.67, they will have one semester to bring their major/concentration GPA back above the standard.
- The student will be considered on departmental probation until they have brought their major/concentration GPA back to or above the department standard.
- The summer semester is not applied. If a student falls below the major/concentration GPA standard after a spring semester, they will have until the end of the following fall semester to bring their major/concentration GPA back to or above the standard.
- If a student takes a semester off (i.e. they fall below the major/concentration standard after spring semester and take the following fall off), they will have until the end of their next enrolled semester to bring their major/concentration GPA back to or above the department standard.
- If a student fails to bring their major/concentration GPA back to or above the department standard at the end of the designated semester, they will be dismissed from the major.
- If being dismissed, students will meet with the BSHSA Program Director and determine into which major or program they would like to be placed.

### HESA 371/372 Internship:

- If a student is on departmental probation, they may not enroll in or complete hours towards either the HESA 371 or HESA 372 internship courses.

### Appealing Departmental Probation:

- Students may appeal department probation.
- If a student wishes to appeal, they should start by scheduling a meeting with the Program Director of the Undergraduate Program in Health Services Administration.



- If the Director is the professor for the course they wish to appeal, they should start with scheduling a meeting with the Health Services Administration Department Chair.
- The student should come to the meeting prepared with materials that support their appeal (i.e. tests, completed assignments, etc.).
- The Director or Chair will meet with the student. The Director and Chair will make a decision about each student appeal.
- If a student is not satisfied with the outcome of the appeal process, they can bring the appeal to the Dean of the College of Professional Sciences, following their appeal process.

## Curriculum

The Bachelor of Science in Health Services Administration degree requires at least 120 semester credit hours, with a major in Health Services Administration of 34 hours, plus nine credit hours in a specified concentration (Analytics: Information Management, Analytics: Population Health or Long-Term Care). Students must also declare a Business minor.

## B.S. in Health Services Administration

This block serves as a guideline for progress toward a degree. For more information, see your academic advisor.

### Freshman Year

#### First Semester

- HESA 101 Intro to US Healthcare
- CORE 100 First Year Seminar
- CORE 101: GOA Co-Curriculum Program
- Historical Perspectives
- ENGL 101 Composition OR ENGL 115 Rhetoric
- First Language 102 Level

Total (15)

#### Second Semester

- HESA 110 Medical Terminology
- CORE 102: GOA Co-Curriculum Program II
- THEO 111 Theological Foundations
- Second Language II (201 Level)
- Math 116 or 156 based on placement
- ECON 200 Microeconomics: Social Sciences Elective

Total (15)

### Sophomore Year

#### First Semester

- HESA 120 Healthcare Management

- HESA 210 Strategic Mktg & Mgmt
- Scientific Perspectives
- PHIL 100 Ethics as Intro to Philosophy
- MKTG 300 Intro to Marketing

Total (15)

## Second Semester

- HESA 220 Reimbursement
- HESA 341 Health informatics OR HESA 345 Population Health Management OR HESA 451 Aging in Society
- Humanities Elective
- ACCT 200 Financial Accounting
- General Elective

Total (15)

## Junior Year

### First Semester

- HESA 250 Public Health
- BAIS 220 Managing Info Technology
- HESA 370 Internship Prep
- FINC 300 Business Finance: Quantitative Reasoning Flag
- MGMT 300 Managerial Behavior
- Natural Science Elective

Total (16)

### Second Semester

- HESA 230 Healthcare Finance
- HESA 355 Quantitative Methods for HSA OR HESA 459 Admin of Institutions Serving Aging
- ENGL 205 Lit & Moral Imagination
- Theological Perspectives; 200-399 level
- HESA 361 Health Data Mgmt or HESA 455 Admin of Agencies Serving the Aging

Total (15)

## Summer

- HESA 371 - Internship I

Total (3)

## Senior Year

### First Semester

- HESA 401 Health Policy
- Philosophy Perspectives: PHIL 200
- Business Minor Elective: Diversity Flag
- General Elective
- Non-business General Elective

Total (15)

## Second Semester

- HESA 380 Quality Mgmt & Perf Improve
- HESA 390 Foundations of HC Policies and Law: Oral Communication Flag, E/RS Focus Elective
- Creative Perspectives
- CORE 499
- General Elective

Total (12)

## Scheduling Notes:

- Consult the Undergraduate Core Curriculum requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core.
- Diversity Curriculum Electives may be used to satisfy other elements of the core or major. The Business Elective, or History Elective may be used to satisfy the DCR elective.

## Mathematics, B.S.

The Department of Mathematics offers a program intended to develop a student's capacity to undertake intellectually demanding mathematical tasks by emphasizing general mathematical reasoning through mastery of varied subject matter. Upon successful completion of the program, the student should be well prepared for graduate studies in mathematics and related disciplines, for teaching at the secondary level and for immediate employment by industry in a position which makes use of the talents and abilities of one trained in the mathematical sciences.

Mathematicians continue to be in demand to fill both traditional and developing roles in society. Opportunities abound for researchers in all areas of mathematics. Engineering, computer science, and the physical sciences require individuals with mathematical training. The applications of statistics are increasingly widespread. Those in the economics as well as other social and health sciences, in the business community, and in the field of law are aware of the value of mathematics, not only as a tool for problem solving, but also for developing critical and analytical skills.

## Requirements for the Mathematics Major

### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including:

### Sciences:

To fulfill the Scientific Perspectives and Natural Sciences Elective requirements, select one of the following three combinations of lecture and lab courses:

- BIOL 160 - General Biology I with
- BIOL 161 - General Biology I Lab
  
- BIOL 162 - General Biology II with
- BIOL 163 - General Biology II Lab
  
- CHEM 160 - General Chemistry I with
- CHEM 161 - General Chemistry I Lab

- CHEM 162 - General Chemistry II with
- CHEM 163 - General Chemistry II Lab
  
- PHYS 170 - University Physics I with
- PHYS 161 - Introductory Physics Lab I
  
- PHYS 172 - University Physics II with
- PHYS 163 - Introductory Physics Lab II

### Mathematics:

- Requirement included within the major.

### Major Requirements:

45 credit hours, as follows

#### 26 hours from:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 182 - Sequences and Series
- MATH 220 - Multivariable Calculus
- MATH 225 - Foundations Of Higher Math
- MATH 240 - Linear Algebra
- MATH 340 - Abstract Algebra I
- MATH 370 - Real Analysis

#### 3 hours of seminar from:

- MATH 391 - Mathematics Seminar I
- MATH 392 - Mathematics Seminar 2
- MATH 393 - Mathematics Seminar 3

#### 3 hours of computer sciences from:

- CSCI 170 - Computer Science I

#### 9 hours of core electives from:

- MATH 230 - Intro to Ordinary Diff Equat
- MATH 256 - Intro to Probability & Stats
- MATH 280 - Combinatorics
- MATH 301 - Geometry
- MATH 302 - Number Theory
- MATH 311 - Probability Theory
- MATH 325 - Mathematical Modeling
- MATH 330 - Graph Theory
- MATH 341 - Abstract Algebra II
- MATH 360 - Elementary Topology

- MATH 380 - Intro to Complex Variables

6 hours of additional electives from:

- MATH 230-397, CSCI 250 (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these mathematics and computer science courses.
- Students are required to complete the MFT (Major Field Test) in Mathematics.
- Senior project requires a substantial paper on research under the guidance of a member of the principal faculty and an oral presentation to the department.
- The mathematics electives should be chosen under the guidance of the student's advisor. Any student wishing to major in mathematics should consult the chair of the department before registration.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Mathematics

This block schedule serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- MATH 180 - Differential Calculus
- CSCI 170 - Computer Science I
- ENGL 101 or ENGL 115
- Second Language I
- CORE 100 - First Year Seminar
- CORE 101 - GOA I

Total (15)

#### Second Semester

- MATH 181 - Integral Calculus
- MATH 225 - Foundations Of Higher Math
- THEO 111 - Theological Foundations
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language II
- CORE 102 - GOA II

Total (15)

### Sophomore Year

## First Semester

- MATH 220 - Multivariable Calculus
- ENGL 205 - Lit. & Moral Imagination
- Historical Perspectives
- PHIL 200 - Philosophical Perspectives
- MATH 182 or MATH elective

Total (17)

## Second Semester

- MATH 240 - Linear Algebra
- MATH elective
- Creative Perspectives
- Theological Perspectives

Total (12)

## Junior Year

### First Semester

- MATH 340 - Abstract Algebra I
- MATH 182 or MATH elective
- Scientific Perspectives, Lecture & Lab
- Oral Communication Flag
- Elective

Total (16)

### Second Semester

- MATH 370 - Real Analysis
- MATH elective
- Natural Sciences elective + lab
- MATH 391 - Math Seminar I
- Elective

Total (14)

## Senior Year

### First Semester

- MATH Elective
- MATH 392 - Mathematics Seminar 2
- Social Science Elective
- E/RS Elective
- Elective
- Elective

Total (16)

## Second Semester

- MATH 393 - Mathematics Seminar 3
- Humanities Elective
- DCR Elective
- MATH Elective
- Elective

Total (14)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## Mathematics, B.S.

Please select one of the following:

- Mathematics, B.S.
- Mathematics, B.S. with a Concentration in Economics

## Mathematics, B.S. with a Concentration in Economics

This interdisciplinary program provides students with the benefits of a degree in Mathematics enhanced by a strong Economics background. Combined skills in Mathematics and Economics are increasingly valuable in industry and government. This program expands opportunities for post-graduation employment as well as prepares students for graduate study in Economics and related fields.

## Requirements for the Mathematics major with concentration in Economics

### Core Curriculum Requirements:

Undergraduate Core Curriculum

### Mathematics Major Requirements:

32 credit hours

- CSCI 170 - Computer Science I
- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 182 - Sequences and Series
- MATH 220 - Multivariable Calculus
- MATH 225 - Foundations Of Higher Math
- MATH 240 - Linear Algebra
- MATH 340 - Abstract Algebra I
- MATH 370 - Real Analysis
- MATH 391 - Mathematics Seminar I
- MATH 392 - Mathematics Seminar 2
- MATH 393 - Mathematics Seminar 3

## Mathematics Elective Requirements

\*\*\*The MATH Elective courses should be chosen under the guidance of the student's advisor

9 credit hours selected from the following:

- MATH 230 - Intro to Ordinary Diff Equat
- MATH 256 - Intro to Probability & Stats
- MATH 280 - Combinatorics
- MATH 301 - Geometry
- MATH 302 - Number Theory
- MATH 311 - Probability Theory
- MATH 325 - Mathematical Modeling
- MATH 330 - Graph Theory
- MATH 341 - Abstract Algebra II
- MATH 360 - Elementary Topology
  
- MATH 380 - Intro to Complex Variables

## Economics Concentration Requirements:

24 credit hours, as follows:

- BAIS 210 - Quantitative Methods
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
  
- ECON 350 - Business Cycles & Forecasting OR
- ECON 495 - Markets, Strategy & Rivalry

## NOTES:

- A 2.000 cumulative average must be attained in the student's mathematics, economics, and computer science courses.
- Students are required to complete the MFT (Major Field Test) in Mathematics.
- At the completion of MATH 393, students complete a Senior Project presented in a public colloquium. This project should demonstrate evidence of the student's Economic concentration.
- Any student wishing to major in Mathematics with Concentration in Economics should consult the chair of the Department of Mathematics before registration.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Mathematics with Concentration in Economics

This block schedule serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- MATH 180 - Differential Calculus
- CSCI 170 - Computer Science I



- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- Second Language I
- CORE 100 - First Year Seminar
- CORE 101 - First Year Co-Curricular Program I (GOA)

Total (15)

## Second Semester

- MATH 181 - Integral Calculus
- MATH 225 - Foundations Of Higher Math
- PHIL 100 - Ethics as Intro to Philosophy
- BAIS 210 - Quantitative Methods
- Second Language II
- CORE 102 - First Year Co-Curricular Program II (GOA)

Total (15)

## Sophomore Year

### First Semester

- MATH 220 - Calculus III
- ECON 200 - Microeconomic Principles
- Historical Perspectives
- MATH 182 or MATH elective
- THEO 111 - Theological Foundations

Total (17)

### Second Semester

- MATH 240 - Linear Algebra
- ECON 201 - Macroeconomic Principles
- ENGL 205 - Lit. & Moral Imagination
- PHIL 200 - Philosophical Perspectives
- Creative Perspectives
- Theological Perspectives

Total (18)

## Junior Year

### First Semester

- MATH 340 - Abstract Algebra I
- ECON 305 - Microeconomic Analysis
- MATH Elective
- Scientific Perspectives
- MATH 182 or MATH elective

Total (15)

### Second Semester

- MATH 370 - Real Analysis
- ECON 306 - Macroeconomic Analysis

- ECON 307 - Empirical Analysis in Econ
- Natural Sciences elective + lab
- MATH 391 - Math Seminar I

Total (14)

## Senior Year

### First Semester

- MATH 392 - Math Seminar II
- ECON 350 or ECON 495
- ECON elective
- E/RS elective
- Oral Communication flag
- Elective

Total (16)

### Second Semester

- MATH 393 - Math Seminar III
- Humanities elective
- DCR elective
- MATH elective
- Elective

Total (13)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum " requirements of the Catalog.

## Middle Childhood Education, B.S.

Middle Childhood Education will prepare a candidate for an Ohio teaching license to work with children ages 9 through 14, or grades 4 through 9, for teaching in two fields of concentration. The teacher candidate will choose two fields from the areas of Social Studies, Mathematics, Science, and Reading/Language Arts.

Students choosing Middle Childhood will be required to take 18-24 hours in each of the two content areas that they choose for licensure. All students will have at least 12 hours in reading instruction. Students will experience interdisciplinary learning, a hallmark of middle childhood education, as part of their learning experience at Xavier. The middle school teaching concept is unique, and our students will be prepared for curriculum, pedagogy, philosophy and organization of the middle school. Field experience and internship/student teaching will occur in both subject areas and at two age levels.

## Requirements for the Middle Childhood Education Major

### Undergraduate core curriculum requirements:

39 - 48 hours, including

- Social Sciences requirement is included in the major requirements.
- Humanities elective area fulfilled in major with EDCH 326 .
- E/RS Focus Elective that meets another core requirement should be chosen.

- A 2.5 cumulative overall GPA is required for admission to program and must be maintained for the Bachelor of Science degree. A 3.0 GPA must be maintained in the major.

## Major requirements:

60 hours of education courses:

- EDFD 110 - Advanced Human Development
- EDEL 100 - Introduction To Education
- EDEL 251 - Instructional Technology
- EDEL 260 - Cultural Diversity In Educ
- EDSP 200 - Sp Ed: Identification & Issues
- EDMC 212 - Nature & Needs of Adolescents
- EDMC 325 - Arts in Ed: Middle Childhood
- EDMC 340 - Middle School Phil & School Or
- EDMC 345 - Middle Child Class Mgmt Assess
  
- EDMC 455 - Student Teaching: Middle Sch
- EDMC 456 - Sem: Current Issues in EDMC
- EDRE 269 - Phonics & Foundation of Litera
- EDRE 314 - Reading Methods for Middle Chd
- EDRE 472 - Theories of Reading
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDCH 326 - Children's Lit for Middle Chil

## Note(s):

- See "Steps for Admission and Continual Progress for Licensure in Middle Childhood." Also see "Student Handbook for Early & Middle Child."
- A 3.0 GPA must be maintained in the major.
- Students must have "B" or higher in courses prefixed with EDEC, EDRE, or EDMC or retake in subsequent semesters.
- Students may elect two concentration areas: Math, Science, Social Studies, and/or Language Arts/Reading.
- Students are eligible for the Middle Childhood Generalist Endorsement, valid for teaching in a self-contained 4,5, or 6th grade classroom if they complete the specified core courses for the areas other than their specific concentrations. See your advisor. See below.

## Concentration Requirements

### Mathematics

- MATH 116 - Elementary Statistics
- MATH 140 - Concepts of Calculus
- MATH 211 - Mathematics for Education 1
- MATH 212 - Mathematics for Education 2
- MATH 213 - Algebra Concepts -MCED
- MATH 214 - Math Problem Solving -MCED

### Science

- BIOL 120 - Life: Ecology & People
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
- BIOL 136 - Life: Ecology and People Lab
- CHEM 102 - Chemistry: Environ & Energy
- CHEM 103 - Chemistry: Environ & Ener Lab
- CHEM 104 - Chemistry: Life and Health
- CHEM 105 - Chem: Life and Health Lab
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab

## Reading/Language Arts

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
- ENGL 205 - Literature & Moral Imagination
- COMM 101 - Oral Communication
- EDCH 326 - Children's Lit for Middle Chil or
- EDCH 320 - Multi-Cultural Lit for Childrn

### Select One:

- ENGL 304 - Teaching & Research in Writing
- EDRE 376 - Writing Theory & Process

### Select One:

- ENGL 128 - Studies in Black Literature
- ENGL 132 - Studies in Women's Literature
- ENGL 344 - Major Black Writers of World
- ENGL 352 - African Literature

### Select One:

- ENGL 320 - Topics in Linguistics
- ENGL 321 - Hist of the English Language

## Social Studies

- ECON 200 - Microeconomic Principles
- EDMS 207 - World & Cultural Geography
- POLI 140 - American Government and Politi

## B.S. Middle Childhood Education

\*\*This block serves as a guideline only, not a required sequence. Specific core and concentration courses are indicated below as a sample due to the nature of the middle childhood program. Concentration sets (i.e., math and science, language arts and social studies, etc.) will differ among students and therefore courses will vary. Students may elect their own two areas of concentration. See your academic advisor. Subject to Change.\*\*

## Math and Science Concentrations

### Freshman Year

### First Semester

- CORE 101 (GOA)
- EDFD 110 - Human Development & Learning
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab

- MATH 140-Concepts of Calculus or equivalent
- Second Language I
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

Total (15)

## Second Semester

- EDEL 100 - Introduction To Education
- Second Language II
- CORE 102 GOA
- EDFD 110 - Human Development & Learning
- MATH 116 - Elementary Statistics
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

Total (18)

## Sophomore Year

### First Semester

- EDMC 212 - Nature & Needs of Adolescents
- MATH 211 - Foundations of Arith. - MCED
- EDEL 251 - Instructional Technology
- EDCH 326 - Children's Lit for Middle Chil
- PHIL 100 - Ethics as Intro to Philosophy
- CHEM 102 - Chemistry: Environ & Energy
- CHEM 103 - Chemistry: Environ & Ener Lab

Total (18)

### Second Semester

- MATH 212 - Geom & Measurement MCED
- EDSP 200 - Sp Ed: Identification & Issues
- CHEM 104 - Chemistry: Life and Health
- CHEM 105 - Chem: Life and Health Lab
- EDRE 269 - Phonics & Foundation of Literature
- Historical Perspectives Elective
- EDEL 260 - Cultural Diversity In Education

Total (18)

## Junior Year

### First Semester

- EDMC 340 - Middle School Phil & School Or
- Philosophical Perspectives Elective
- MATH 116 - Elementary Statistics
- MATH 213 - Algebra Concepts - MCED or EDEL 451 - Functions and Algebra
- EDRE 314 - Reading Methods for Middle Chd
- EDMC 345 - Middle Child Class Mgmt Assess

Total (18)

## Second Semester

- BIOL 120 - Life: Ecology & People
- BIOL 127 - Life Lab: Investigation II
- ENGL 205 - Literature & Moral Imagination
- MATH 214 - Math Problem Solving - MCED or EDEL 450 - Math as a Second Language
- EDMC 325 - Arts in Ed: Middle Childhood
- EDMC 352 - Middle Childhood Math Methods
- EDMC 353 - Middle Childhood Science Meth

Total (18)

## Senior Year

### First Semester

- EDMC 455 - Student Teaching: Middle Sch
- EDMC 456 - Sem: Current Issues in EDMC
- EDRE 471 - Content Area Literacy

Total (15)

### Second Semester

- Creative Perspectives Elective
- Theological Perspective and ER/S Elective (cross count - see advisor)
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDEL 351 - Instruct Strat for Engl Lang L
- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab

Total (15)

## Scheduling Notes:

- Course sequence is realistic only for the student who declares the Middle Childhood major as a freshman.
- Consult the Undergraduate Core Curriculum requirements of the catalog.
- A minimum of 120 credit hours is required for the degree.
- The sequence of courses in the program is subject to change.
- Advanced placement credit and summer course work may be applied to core or concentration requirements.
- Off Campus courses are approved by the college dean. See advisor for procedure.
- All students must elect one each of oral communications, quantitative reasoning and writing intensive flagged courses; many of these are available within the core or major.

## Language Arts and Social Studies Concentrations

### Freshman Year

#### First Semester

- CORE 101 GOA
- EDFD 110 - Human Development & Learning

- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language I
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

Total (18)

## Second Semester

- CORE 102 - GOA
- EDEL 100 - Introduction To Education
- EDEL 260 - Cultural Diversity In Educ
- COMM 101 - Oral Communication
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
- Second Language II
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

Total (18)

## Sophomore Year

### First Semester

- EDMC 212 - Nature & Needs of Adolescents
- EDEL 251 - Instructional Technology
- EDCH 326 - Children's Lit for Middle Chil
- History Course /Social Studies Concentration
- EDSP 200 - Sp Ed: Identification & Issues
- Math I

Total (18)

### Second Semester

- History Course/Social Studies Concentration
- EDRE 269 - Phonics & Foundation of Literature
- ECON 200 - Microeconomic Principles
- Writing Elective
- Math II
- PHIL 200 - Philosophical Perspectives

Total (18)

## Junior Year

### First Semester

- EDMC 340 - Middle School Phil & School Or
- History Course/ Social Studies Concentration
- EDRE 314 - Reading Methods for Middle Chd
- EDMC 345 - Middle Child Class Mgmt Assess
- EDMS 207- World and Cultural Geography
- Theological Perspectives Elective

Total (18)

### Second Semester

- ENGL 205 - Literature & Moral Imagination
- History Course/ Social Studies Concentration
- POLI 140-American Government and Politics
- EDMC 325 - Arts in Ed: Middle Childhood
- EDMC 351 - Middle Childhood Lang Art Meth
- EDMC 354 - Middle Childhood Soc Stud Meth

Total (18)

## Senior Year

### First Semester

- EDMC 455 - Student Teaching: Middle Sch
- EDMC 456 - Sem: Current Issues in EDMC
- EDRE 471 - Content Area Literacy

Total (15)

### Second Semester

- Creative Perspectives
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDEL 351 - Instruct Strat for Engl Lang
- Literature Elective
- ENGL 320 - Topics in Linguistics or ENGL 321 - Hist of the English Language

Total (18)

## Scheduling Notes:

- Course sequence is realistic only for the student who declares the Middle Childhood major as a freshman.
- Consult the Undergraduate Core Curriculum requirements of the catalog.
- A minimum of 120 credit hours is required for the degree.
- The sequence of courses in the program is subject to change.
- Advanced placement credit and summer course work may be applied to core or concentration requirements as dictated by specific department..
- Off Campus courses are approved by the college dean. See advisor for procedure.
- All students must elect one each in oral communications, quantitative reasoning and writing intensive flagged courses; many of these are available within the core or major.
- ER/S Focus elective should fulfill another core requirement.

## **Montessori Education (Early Childhood) for Ohio 4 yr Resident Educator License (preK-3), American Montessori Society Credential Early Childhood Ages 2 1/2 To 6; Special Education, Early Childhood Intervention Specialist license (Double Major), B.S**

Double Major of Montessori Education and Special Education.

Students who successfully complete the dual major program will receive a BS with majors in Special Education and Montessori Education. They will receive an American Montessori Society Early Childhood credential, an OH p-3 license, and an OH ECIS-Early Childhood Intervention Specialist license.

See Special Education with a Concentration in Early Childhood Intervention Specialist and Montessori Education with American Montessori Society Early Childhood Credential (Double Major), B.S.

## **Montessori Education, B.S.**

The philosophy of education taught in the Montessori program was researched by Dr. Maria Montessori, one of the first Italian women to graduate from medical school in Rome in 1896. Dr. Montessori's philosophy supports the fundamental tenet that a child learns best within a social environment which supports each individual's unique development. Multi-age grouping in each class promotes peer group learning. The children work in a prepared learning environment that is child-centered and beautifully arranged with learning materials to aid the child in their exploration of new ideas. The Montessori teacher learns to be a scientific observer and facilitator, providing an environment for children that is developmentally appropriate to help the child grow in all areas: social, cognitive, emotional, and physical.



An undergraduate degree will prepare you to practice your profession in the following ways:

1. Public schools - Graduates are prepared to teach in Montessori public schools and traditional public schools pre-Kindergarten up to third grade.
2. Private schools - Graduates teach in private Montessori schools (ages 2.5 - 6) nationally and internationally as well as in traditional programs up to third grade.
3. Hospitals - Graduates are hired for special children's programs.
4. Child care centers - Graduates are hired as administrators of child care centers.
5. Non-profit organizations - Graduates work in the areas of child and family advocacy.

The Xavier University Montessori Teacher Education Program is accredited by the MACTE Commission and grants an American Montessori Society Credential for Early Childhood and Elementary I students who complete all requirements also receive an Ohio Four Year Resident Educator License PreK-3.

## Bachelor of Science Degree in Montessori Education

# **Montessori Education (Early Childhood Program) for Ohio Four Year Resident Educator License (PreK-3) and American Montessori Society Credential Early Childhood Ages 2 1/2 To 6, B.S.**

## Requirements for the Montessori Education Major

### Undergraduate core curriculum, requirements:

48 Undergraduate Core Curriculum credit hours, include:

- Diversity Curriculum requirement: partially fulfilled in the major with EDEL 260 Cultural Diversity In Educ.
- English Composition/Rhetoric grade must be a "B" or above.
- Mathematics grade must be a "C" or above.
- Literature: fulfilled in the major with EDCH 324 Children's Literature.
- CORE 100 - First Year Seminar
- CORE 101 - First Year Co-curricular program
- CORE 499
- Science: must be met with physical (CHEM or PHYS 114 and PHYS 115) and biological (BIOL 130 and BIOL 131) sciences.
- Social Sciences: included in the major requirements.
- The ER/S Focus Elective that meets another core requirement should be chosen.

### Major requirements:

- EDRE 478 - Literary Assess: Adm, Ana, App
- EDCH 324 - Children's Literature
- EDEC 230 - Play in Early Childhood Educ
- EDME 377 - Early Childhood Math & Science
- EDEL 352 - Culturally Responsive Teaching
- EDEL 260 - Cultural Diversity In Educ or
- EDME 359 - Community & Advocacy in Educ
- EDRE 312 - Reading Methods
- EDME 350 - Observation/Assessment Methods
- EDME 364 - Early Childhood/Mont Meth
- EDME 354 - Mont Language Arts & Read Meth
- EDEL 100 - Introduction To Education
- EDEL 251 - Instructional Technology
- EDSP 205 - Foundations in ECSPED
- EDEC 210 - Child Development
- EDME 376 - Phonics Skills for Early Chldh
- EDME 351 - Montessori Ed: Phil Approach
- MATH 212 - Mathematics for Education 2
- MATH 211 - Mathematics for Education 1
- EDFD 110 - Advanced Human Development
- EDME 366 - Mont Curr Des&Te Strat I:Ea Ch
- EDME 473 - Mont Early Childhood Pract I
- EDME 367 - Mont Curr Des&Te Strat II:Ea C
- EDME 474 - Mont Early Childhood Pract II

## Additional Requirements:

- A Montessori professional statement must be in the file by the end of freshman year.
- Three letters of recommendation must be on file by the start of the sophomore year.
- A moral character form must be on file by the start of the sophomore year.
- Application for student teaching must be turned in by spring of junior year.
- Application and fees for American Montessori Society Credentialing, MACTE and NAEYC must be turned in the summer before senior year.
- State licensing exams must be taken prior to the start of internship.

## Note(s):

- A 2.700 grade point average must be achieved in all the education courses for the major.
- All Montessori education courses must have a grade of "B" or above.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the Core or the major.
- A minimum of 130 credit hours is typically required for the degree, with 120 hours as absolute minimum.
- An overall cumulative GPA of 2.500 is required for graduation.
- The Diversity Curriculum Electives may be used to satisfy other elements of the core or major.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## Physics, B.S.

The program in physics is designed to familiarize students with the techniques of mathematical and experimental physics that is useful to them in an industrial research or engineering position; in physics teaching; as a general preparation for more advanced graduate work in any of the varied fields of physics; or in such disciplines as astronomy, space science, biophysics, computer science, engineering, geophysics, medicine, law, and oceanography.

## Requirements for the Physics Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

48 credit hours outside of major courses. Can be less depending on language placement and ER/S and DCR flags are satisfied in other core courses.

Mathematical Perspectives, Scientific Perspectives, Natural Science Elective, Quantitative Reasoning, Writing, and Oral Communication Flags are included within the major.

### Major Requirements:

73 credit hours, including:

44 hours of physics and engineering courses:

- ENGR 101 - Introduction to Fabrication
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 342 - Material Science
- ENGR 370 - Fluid Mechanics
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Lab
- PHYS 360 - Electromagnetism I
- PHYS 366 - Optics: Phys & Engineering
- PHYS 367 - Optics: Phys & Engineering Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

### 9 hours of physics electives:

- PHYS 376 - Quantum Mechanics I
- PHYS 382 - Thermodynamics
- PHYS 387 - Biophysics
- PHYS 388 - Astrophysics
- PHYS 389 - Solid State Physics
- PHYS 390 - Special Studies (area to be determined by department)
- ENGR 346 - Signals and Systems
- ENGR 384 - Heat Transfer
- CSCI 170 - Computer Science I
- CSCI 321 - Numerical Analysis

### 20 hours of mathematics:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus
- MATH 230 - Intro to Ordinary Diff Equat

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

Depending on the language placement and how the DCR and ERS flags are satisfied additional hours need to be taken as electives to reach 120 hours.

## B.S. Physics

This block serves as a guideline for progress toward a degree. See your academic advisor as upper division course offerings are subject to change.

## Students Entering in Even Year

### Freshman Year

## First Semester

- ENGR 101 - Intro to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 180 - Differential Calculus
- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- ENGL 101 - English Composition

Total (14)

## Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- Social Science Elective
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Second Language 101

Total (16)

## Sophomore Year

### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- MATH 220 - Multivariable Calculus
- Second Language 102

Total (17)

### Second Semester

- PHYS 355 - Advanced Lab
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 180 - Intro to Comp with MATLAB
- MATH 230 - Intro to Ordinary Diff Equations
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language 201

Total (17)

## Junior Year

## First Semester

- PHYS 350 - Theoretical Mechanics
- PHYS 360 - Electromagnetism I
- Mathematics Elective \*
- Program Elective
- Literature & the Moral Imagination

Total (15)

## Second Semester

- PHYS 366 - Optics: Phys & Engineering
- PHYS 367 - Optics: Phys & Engineering Lab
- Program Elective
- Mathematics Elective \*
- Theological Perspectives
- Historical Perspectives

Total (16)

## Senior Year

### First Semester

- Program Elective
- PHYS 395 - Physics Research
- ENGR 370 - Fluid Mechanics
- Creative Perspectives
- Diversity Curriculum Requirement (DCR) or General Elective

Total (13)

### Second Semester

- ENGR 342 - Material Science
- PHYS 398 - Physics Thesis
- Humanities Elective
- Philosophical Perspectives
- Ethics/Religion and Society (E/RS)

Total (13)

## Student Entering in Odd Year

### Freshman Year

#### First Semester

- ENGR 101 - Intro to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 180 - Differential Calculus

- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- ENGL 101- English Composition

Total (14)

## Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Social Science
- Second Language 101

Total (16)

## Sophomore Year

### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- MATH 220 - Multivariable Calculus
- Second Language 102

Total (17)

### Second Semester

- PHYS 355 - Advanced Lab
- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- MATH 230 - Intro to Ordinary Diff Equations
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language 201

Total (17)

## Junior Year

### First Semester

- ENGR 370 - Fluid Mechanics
- Program Elective
- Mathematics Elective \*
- Literature & the Moral Imagination
- Philosophical Perspectives

Total (15)

### Second Semester

- ENGR 342 - Material Science
- Program Elective
- Mathematics Elective \*
- Theological Perspectives elective
- Historical Perspectives

Total (15)

## Senior Year

### First Semester

- PHYS 350 - Theoretical Mechanics
- PHYS 360 - Electromagnetism I
- PHYS 395 - Physics Research
- Creative Perspectives
- Diversity Curriculum Requirement (DCR)

Total (13)

### Second Semester

- PHYS 366 - Optics: Phys & Engineering
- PHYS 367 - Optics: Phys & Engineering Lab
- PHYS 398 - Physics Thesis
- Program Elective
- Humanities Elective
- Ethics/Religion and Society (E/RS)

Total (14)

### Note(s):

\*Students wishing to minor in Applied Mathematics should take MATH 222 as their math elective. Student wishing to major or minor in Mathematics should take MATH 225 as their math elective. One additional course above MATH 225 is then required for the Mathematics Minor.

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Block schedules serve as a recommendation of course sequences, however, special care must be taken to follow the course sequence of the courses within the major. Consult academic advisor to determine the courses offered and when.
- Consult with your academic advisor should you need to deviate from the suggested course sequence due to mathematics placement in MATH 169 - Precalculus or a lower mathematics course.
- DCR & ER/S flags may double count with other core courses. Use "Attribute Type" when searching for courses.
- Core requirements for oral communications, quantitative reasoning, and writing-intensive flagged courses are fulfilled within the Physics curriculum.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. Credit hours required may vary between students due to incoming academic credit, core courses double counting, or mathematics and second language placement results but 120 credit hours must be obtained for graduation.

## Primary Education (P-5), B.S.

Early Childhood Education will prepare a candidate for an Ohio teaching license to work with children ages 3 through 8, or preschool through grade three. The course of study has child development at the core of pedagogical decisions. The approach is holistic, with a strong emphasis on an integrated learning approach. Practices based in child development and intense reading instruction are integral to the program. Field experience and student teaching occur at both the preschool and primary

With the passage of Ohio Senate Bill 216, the early childhood P-3 teaching license will be replaced with a new P-5 license, with courses of study beginning in 2020. During the 2019-20 academic year, we will continue to research best practices and make course adjustments to align with the new license requirements. Students entering the early childhood major this year can expect a clear transition to the P-5 license and Bachelor of Science in Elementary Education (P-5). Students who entered early childhood in 2018-

19 may transition to the P-5 license. Students who entered prior to 2018-19 are eligible for the Early Childhood Generalist 4-5 Endorsement if they wish to add 4-5 to the P-3 license.

Primary Education prepares a candidate for an Ohio teaching license to work with children ages 3 through 12, or preschool through grade five. The course of study has child development at the core of pedagogical decisions. Course work furthers advocacy for all children, with ethical issues and values as expressed through the Jesuit tradition. The approach is holistic, with a strong emphasis on differentiation and integration of subjects to best meet the needs of learners. Practices based in child development and reading instruction are integral to the program. Content preparation for all subject areas of study and assessment. Field, clinical, and student teaching experiences at multiple grade levels.

## Requirements for the Early Childhood Education Major

### Undergraduate core curriculum requirements:

#### **Undergraduate Core Curriculum: 39 - 48 hours, including:**

- Science requirement must be met with one natural science (CHEM or PHYS or BIOL) and one scientific perspectives elective course.
- Humanities elective fulfilled in major with EDCH 324 .
- Social Sciences requirement is included in the major requirements.
- E/RS Focus Elective that meets another core requirement can be chosen.
- A 2.5 cumulative overall GPA is required for admission to program and must be maintained for the Bachelor of Science degree. A 3.0 GPA must be maintained in major.

### Major requirements:

See "Steps for Admission and Continual Progress for Licensure in Early Childhood." Also see "Student Handbook for Early and Middle Childhood."

A 3.0 GPA must be maintained in the major. Students must have "B-" or higher in courses prefixed with EDEC, EDRE, or EDMC or retake in subsequent semesters.

81 hours of courses:

- EDEL 100 - Introduction To Education
- EDFD 110 - Advanced Human Development
- EDEC 210 - Child Development
- EDEL 251 - Instructional Technology
- EDEL 352 - Culturally Responsive Teaching or
- EDEL 260 - Cultural Diversity In Educ
- EDCH 324 - Children's Literature
- EDSP 205 - Foundations in ECSPED
- EDRE 269 - Phonics & Foundation of Litera
- EDRE 312 - Reading Methods
- EDME 359 - Community & Advocacy in Educ
- EDEC 325 - Methods of Observation/Collabo
- EDEC 230 - Play in Early Childhood Educ
- EDEC 350 - Primary Integrated Art
- EDEL 351 - Instruct Strat for EL
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDRE 471 - Content Area Literacy
- EDEL 440 - Transition to Intermediate Gra
- EDEL 441 - Intermediate Math Methods
- EDEL 442 - Intermediate Science Methods
- EDEL 443 - Inter Language Arts Methods
- EDEL 444 - Inter Social Studies Methods
  
- EDEC 450 - Student Teaching Primary
- EDEC 451 - Primary Student Teaching Sem
- CORE 499 - Core Capstone

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**



# Psychology, B.S.

The Department of Psychology endeavors to acquaint students thoroughly with the content and methods of scientific psychology. While emphasizing the scientific approach to the understanding of human behavior and human personality, the psychology courses aim to show the student that this branch of science is complementary to and compatible with a sound philosophy of human nature. In addition to the program leading to the Bachelor of Science, the department provides courses in the University Core Curriculum. The Bachelor of Science program in Psychology aims to provide a general background for career and/or advanced studies in fields which presuppose understanding of human behavior, such as clinical/counseling psychology, industrial-organizational psychology, medicine, education, social work, and law.

## Requirements for the Psychology Major

### Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including:

#### Mathematics

- MATH 120 - Elementary Functions
- MATH 140 - Concepts of Calculus

#### Philosophy:

An additional Philosophy 300 level elective of 3 credit hours beyond core requirements.

#### Science:

- BIOL 102 - Life: Human Biology
- BIOL 132 - Life: Human Biology Lab

Along with the following included in the major:

- PSYC 221 - Research Meth & Design I
- PSYC 222 - Research Meth & Design II
- PSYC 223 - Research Meth & Design I Lab
- PSYC 224 - Research Meth & Design II Lab

### Major requirements:

38 credit hours, as follows

26 hours of required psychology courses from:

- PSYC 130 - Psychology Science Perspective
- PSYC 131 - Psych-Science Perspective Lab
- PSYC 200 - Orientation to the Major
- PSYC 210 - Statistical Techniques
- PSYC 212 - Computer Statistical Analysis
- PSYC 221 - Research Meth & Design I
- PSYC 223 - Research Meth & Design I Lab
- PSYC 222 - Research Meth & Design II
- PSYC 224 - Research Meth & Design II Lab
- PSYC 231 - Developmental Psychology
- PSYC 261 - Social Psychology
- PSYC 277 - Psychological Disorders
- PSYC 301 - History&Systems of Psychology

### 3 hours of Advanced Topics in Psychological Science

- PSYC 379 - Test & Measures in Psych
- PSYC 426 - Physiological Psychology
- PSYC 427 - Cognitive Psychology
- PSYC 460 - Learning and Behavior

### 6 hours of psychology electives selected from:

- PSYC 232-498 (Refer to Course Descriptions.)

### 3 hours of Psychology Capstone

- PSYC 499 - Capstone in Psych Science

### Note(s):

- A 2.000 cumulative average must be attained in these psychology courses.
- Majors must attain a C- or above in Statistical Techniques lecture and lab (PSYC 210/212), and Research Methods and Design I (PSYC 221/223) and BIOL 102/132, . Students who fail to earn a C- will have to retake the course(s).
- Majors must attain a grade of C in PSYC 130, and PSYC 131
- Students should consult the department's "Careers in Psychology and Course Electives" for recommendations about which elective courses to consider for different career tracks (i.e., graduate school, social service employment, general business, etc.). Students should also discuss their career aspirations and elective choices with their faculty advisor. Students must maintain contact with a departmental advisor each semester to aid in course selection, planning, and scheduling.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.S. Psychology

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

### First Semester

- BIOL 102 Life: Human Biology
- BIOL 132 Life: Human Biology Lab (Natural Science Perspective) **OR**
- PSYC 130 Psychology Science Perspective
- PSYC 131 Psych-Science Perspective Lab (Scientific Perspective)
- CORE 100 First Year Seminar
- CORE 101
- MATH 105 or 120

140 (if tested into 150 or 170)

- Second Language
- ENGL 101 English Comp **OR** 115 Rhetoric

Total (15)

## Second Semester

- BIOL 102 Life: Human Biology
- BIOL 132 Life: Human Biology Lab (Natural Science Perspective) **OR**
- PSYC 130 Psychology Science Perspective
- PSYC 131 Psych-Science Perspective Lab (Scientific Perspective)
- PSYC 200 Orientation to the Major
- PSYC 231/261/277 Dev/Soc/Ab Psych (Social Sciences Elective)
- MATH 140 Concepts of Calculus (Mathematical Perspective)
- Second Language (up to 201 level)
- CORE 102
- Creative or Historical Perspective

Total (16)

## Sophomore Year

### First Semester

- PSYC 210 Statistical Techniques (Quantitative Flag)
- PSYC 221 Research Methods & Design I
- PSYC 223 Research Methods & Design I Lab&nbsp;(Writing flag)
- PSYC 231/261/277 Dev/Soc/Ab Psych
- PHIL 100 Intro to Ethics
- Creative or Historical Perspective

Total (15)

### Second Semester

- PSYC 212 Statistical Techniques Lab
- PSYC 222 Research Methods & Design II
- PSYC 224 Research Methods & Design II Lab (Oral flag)
- PSYC 231/261/277 Dev/Soc/Ab Psych
- THEO 111 The Ignation Imagination
- ENGL 205 Lit & Moral Imagination **OR** CLAS 205 Class. Lit & Moral Imagination
- PHIL 200 Elective

Total (16)

## Junior Year

## First Semester

- PSYC Elective
- PSYC 460 Learning & Behavior **OR** PSYC 427 Cognitive Psych
- THEO 200 Elective
- Diversity flag elective course
- General University elective

Total (15)

## Second Semester

- PSYC Elective
- PHIL 300 Elective (Humanities elective)
- General University elective
- General University elective/Minor
- General University elective/Minor

Total (15)

## Senior Year

### First Semester

- PSYC 301 History & Systems in Psych
- PSYC 499 Senior Comp. Revie (f or sp)
- General University elective/Minor
- General University elective/Minor
- General University elective/Minor

Total (15)

### Second Semester

- E/RS elective course
- CORE 499 Reflection on XU Core
- General University elective/Minor
- General University elective/Minor
- General University elective/Minor
- General University elective/Minor

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- The University core Social Science electives are fulfilled within the major requirements.
- \* See section "[Requirements for the Psychology Major.](#)"

## Special Education, B.S.

The following Bachelor of Science in Special Education program options are available. Please see the following:

- Special Education, B.S. with a Concentration In Primary Intervention Specialist (P-5)
- Special Education, B.S. with a Concentration in Mild/Moderate Intervention Specialist
- Special Education, B.S. with a Concentration in Moderate/Intensive Intervention Specialist

## Special Education, B.S. with a Concentration in Mild/Moderate Intervention Specialist

### Bachelor of Science Degree in Special Education

The Special Education undergraduate teacher preparation programs are theory based with continual field application experiences. Students complete the degree with a foundation in liberal arts and in child centered learning/development intervention competencies.

### Requirements for the Special Education Major

#### Undergraduate core curriculum requirements:

Undergraduate Core Curriculum , including

- English composition grade must be "B-" or better.
- Humanities area fulfilled per the major, with EDCH 324.
- Mathematics grades must be "C-" or better.
- Science requirements must be met with physical (PHYS) and biological (BIOL) sciences:
- Social Sciences requirements is included in the major (licensure) requirements.

#### Note(s):

- A 2.700 cumulative average must be attained in the core curriculum for recommendation to teacher licensure program.

#### Major Requirements:

#### Specific education courses

- EDFD 110 - Advanced Human Development
- EDEL 260 - Cultural Diversity In Educ
- EDEL 352 - Culturally Responsive Teaching
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods
- EDMS 350 - Technology & Topics for Educat
- EDEL 251 - Instructional Technology
- EDCH 324 - Children's Literature
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDSP 205 - Foundations in ECSPED
- EDSP 401 - Teaching Seminar
- EDSP 380 - Classroom Management
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 364 - DAP Instructional Materials

## Note(s):

- Grade of "B-" in curriculum courses.

## Concentration requirements:

### Mild/Moderate Intervention Specialist

- EDSP 360 - M/M Characteristics & Strategi
- EDSP 370 - M/I Characteristics & Strateg
- EDSP 362 - M/M Support Services
- EDSP 363 - Sp Ed: Assessment & Evaluation
- EDSP 376 - M/I Support Services
- EDSP 364 - DAP Instructional Materials
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 374 - Curr Prac:Moderate Disabilitie
- EDSP 389 - Prog Prac:Severe/Intensive Dis
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 372 - Communication Strategies & Tec
- EDSP 400 - M/M Student Teaching
- EDSP 402 - M/I Student Teaching
- EDSP 401 - Teaching Seminar

### and 3 hours of a literature course

- EDCH 324 - Children's Literature

## Scheduling Notes:

- The E/RS Focus & Diversity Focus Electives are required, must receive approval for this course requirement from academic advisor.
- A minimum of 126 credit hours is typically required for the degree, with 120 hours as the absolute minimum.
- The sequence of courses in the program is subject to change and must be approved by academic advisor.
- Hours in parenthesis are field hours.

## **Special Education, B.S. with a Concentration in Moderate/Intensive Intervention Specialist**

### Bachelor of Science Degree in Special Education

The Special Education undergraduate teacher preparation programs are theory based with continual field application experiences. Students complete the degree with a foundation in liberal arts and in child centered learning/development intervention competencies.

### Requirements for the Special Education Major

## Undergraduate core curriculum requirements:

### Undergraduate Core Curriculum , including

- English composition grade must be "B-" or better.
- Humanities area fulfilled per the major, with EDCH 324.
- Mathematics grades must be "C-" or better.
- Science requirements must be met with physical (PHYS) and biological (BIOL) sciences:
- Social Sciences requirements is included in the major (licensure) requirements.

### Note(s):

- A 2.700 cumulative average must be attained in the core curriculum for recommendation to teacher licensure program.

## Major Requirements:

### Specific education courses

- EDFD 110 - Advanced Human Development
- EDEL 260 - Cultural Diversity In Educ
  
- EDEL 352 - Culturally Responsive Teaching
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods
- EDMS 350 - Technology & Topics for Educat
  
- EDEL 251 - Instructional Technology
- EDCH 324 - Children's Literature
  
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDSP 205 - Foundations in ECSPED
- EDSP 401 - Teaching Seminar
- EDSP 380 - Classroom Management
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 364 - DAP Instructional Materials

### Note(s):

- Grade of "B-" in curriculum courses.

## Concentration requirements:

## Moderate/Intensive Intervention Specialist

(34 hours required) - take

- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 360 - M/M Characteristics & Strategi
  
- EDSP 370 - M/I Characteristics & Strateg
- EDSP 372 - Communication Strategies & Tec

- EDSP 373 - M/I Assessment & Evaluation
- EDSP 363 - Sp Ed: Assessment & Evaluation
- EDSP 376 - M/I Support Services
- EDSP 400 - M/M Student Teaching
- EDSP 402 - M/I Student Teaching
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 374 - Curr Prac:Moderate Disabilitie
- EDSP 389 - Prog Prac:Severe/Intensive Dis
- EDSP 401 - Teaching Seminar

and 3 hours of a literature course

- EDCH 324 - Children's Literature

### Scheduling Notes:

- The E/RS Focus & Diversity Focus&nbsp;Electives are required, must receive approval for this course requirement from academic advisor.
- A minimum of 126 credit hours is typically required for the degree, with 120 hours as the absolute minimum.
- The sequence of courses in the program is subject to change and must be approved by academic advisor.
- Hours in parenthesis are field hours.
- OAE Tests must be successfully completed.

## Special Education, B.S. with a Concentration In Primary Intervention Specialist (P-5)

### Bachelor of Science Degree in Special Education

The Special Education undergraduate teacher preparation programs are theory based with continual field application experiences. Students complete the degree with a foundation in liberal arts and in child centered learning/development intervention competencies.

### Requirements for the Special Education Major

#### Undergraduate core curriculum requirements:

Undergraduate Core Curriculum , including

- English composition grade must be "B-" or better.
- Humanities area fulfilled per the major, with EDCH 324.
- Mathematics grades must be "C-" or better.
- Science requirements must be met with physical (PHYS) and biological (BIOL) sciences:
- Social Sciences requirements is included in the major (licensure) requirements.

#### Note(s):

- A 2.700 cumulative average must be attained in the core curriculum for recommendation to teacher licensure program.

#### Major Requirements:



## Specific education courses

- EDFD 110 - Advanced Human Development
- EDEL 260 - Cultural Diversity In Educ
  
- EDEL 352 - Culturally Responsive Teaching
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods
- EDMS 350 - Technology & Topics for Educat
  
- EDEL 251 - Instructional Technology
- EDCH 324 - Children's Literature
  
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDSP 205 - Foundations in ECSPED
- EDSP 401 - Teaching Seminar
- EDSP 380 - Classroom Management
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 364 - DAP Instructional Materials

## Note(s):

- Grade of "B-" in curriculum courses.

## Concentration requirements:

## Primary Intervention Specialist (P-5)

In the Bachelor of Science degree/licensure program, undergraduate students complete the requirements for both an Ohio licensure as a P-5 Primary Intervention Specialist and the Xavier Bachelor of Science degree. Licensure in the P-5 Primary Intervention program empowers the candidate with the knowledge and skills to be a competent teacher for students with exceptional learning needs in Pre K to 5<sup>th</sup> grade. Coursework in curriculum design, assessment, and reading combine with content preparation in all subject areas of study. Embedded in Jesuit tradition the Xavier teacher candidate is prepared to advocate for children with special needs. Fieldwork in a diversity of local urban, rural, public, and private schools begins in the Freshman year and culminates with student teaching.

## (40 hours required)

- EDSP 364 - DAP Instructional Materials
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 372 - Communication Strategies & Tec
- EDSP 376 - M/I Support Services
- EDSP 381 - Play & Its Role in Dev & Learn
  
- EDEC 230 - Play in Early Childhood Educ
- EDSP 391 - EDSPEP Primary Learn & Theory
- EDSP 392 - ECSPED Primary: Observ & Asmt
- EDSP 393 - ECSPED: Primary Curr & Pract
- EDSP 403 - P-5 Prim Interv Spec Stud Teac
- EDME 355 - Mont Cultural Subjects Method

## Note(s):

- A 2.750 cumulative average must be attained in all the education courses for recommendation for teacher licensure.

## Scheduling Notes:

- The E/RS Focus & Diversity Focus Electives are required, must receive approval for this course requirement from academic advisor.
- A minimum of 132 credit hours is typically required for the degree, with 120 hours as the absolute minimum.
- The sequence of courses in the program is subject to change and must be approved by academic advisor.
- Hours in parenthesis are field hours.
- OAE must be successfully completed..

## Optional: Intervention Specialist P-5 with OT Prerequisites for Doctoral Proram

- EDFD 110 Human Development or Psyc 231 Developmental Processes
- Writing Elective in General or HESA II0 Medical Terminology (writing flag)
- EDSP 201 Intro to Emotionally Disturbed Child or PSYC 277 Abnormal Psychology
- Math 211 or Math 156 Stats
- General Elective or EXCS 200 Kinesiology
- Biology 130 and Lab Biology 131 or Bio 140/141 Anatomy and Physiology with Lab1
- Science Perspective (Physics 100 level) or Bio 142/143 Anatomy and Physiology Lab 2
- Physics 116/117 ( 3 credit) or College Physics 1 with Lab (4 credit) 160/161
- General Elective or Bio 204 Neuroscience
- General Elective or Introduction to Sociology

## Sport Management, B.S.

The sport management and marketing programs prepare students to work in the sport industry. This industry is competitive, and for students to succeed, it is necessary to network and build relationships in the industry while pursuing undergraduate education. To this end, the program seeks to maximize student contact with industry professionals and enhance understanding of the business of sport through rigorous academic preparation.

## Requirements for Sport Management, B.S.

### Undergraduate Core Curriculum Requirements:

Students take 48 hours of core classes exclusive of those core courses required for the Sport Management or Sport Marketing major. See [Undergraduate Core Curriculum](#) .

### Mathematics Requirement:

9 credit hours from the following:

- One Quantitative Reasoning Course (Cannot double count as a core mathematics course)
- One Statistics course:
  - MATH 116 - Elementary Statistics OR
  - MATH 156 - General Statistics
- One elective core mathematics course
  - MATH 116 - Elementary Statistics OR
  - MATH 156 - General Statistics

### Major Requirements:

72 credit hours, distributed as follows:

### Sport Management/Marketing Courses

27 credit hours

- SPMG 110 - Intro to Sports Management
- SPMG 132 - Sociology of Sport
- SPMG 195 - History of American Sport
  
- SPMG 310 - Sport Marketing
- SPMG 322 - Facility & Event Mgmt
  
- SPMG 348 - Legal & Ethical Issues in Sprt
- SPMG 410 - Sport Ethics

## Sport Management/Marketing Electives

9 credit hours

- SPMG 340 - International Sport
- SPMG 350 - Professional Devel. SPMG
- SPMG 360 - Sport Finance & Economics
- SPMG 366 - Marketing Comm Practicum
- SPMG 377 - Sport Psychology
  
- SPMG 390 - Contemp Coaching:Issues & Trds
  
- FINC 300 - Business Finance
- BAIS 311 - Sabermetrics

## Business Courses

21 credit hours

- ACCT 200 - Introductory Financial Acct
- BAIS 220 - Mgmt of Info Tech
- BLAW 300 - Legal Environment
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- MGMT 200 - Organizational Management
- MKTG 300 - Principles of Marketing

## Communication Courses

6 credit hours

- COMM 101 - Oral Communication

## Sport Management Internship

9 credit hours of field experience required

- SPMG 495 - Internship in Sport Mgmt

## Notes:

- Some of these electives may double count with other core or major courses
- All students must elect one each of oral communications, quantitative reasoning and writing-intensive flagged courses; many of these are available within the core or major.
- A 2.000 cumulative GPA must be attained in the major courses.
- A minimum of 120 credit hours is required for the degree.

# Sport Marketing, B.S.

The sport management and marketing programs prepare students to work in the sport industry. This industry is competitive, and for students to succeed, it is necessary to network and build relationships in the industry while pursuing undergraduate education. To this end, the program seeks to maximize student contact with industry professionals and enhance understanding of the business of sport through rigorous academic preparation.

## Requirements for Sport Marketing, B.S.

### Undergraduate Core Curriculum Requirements:

Students take 48 hours of core classes exclusive of those core courses required for the Sport Management or Sport Marketing major. See [Undergraduate Core Curriculum](#).

### Mathematics Requirement:

9 credit hours from the following:

- One Quantitative Reasoning Course (Cannot double count as a core mathematics course)
- One Statistics course:
  - MATH 116 - Elementary Statistics OR
  - MATH 156 - General Statistics
- One elective core mathematics course
  - MATH 116 - Elementary Statistics OR
  - MATH 156 - General Statistics

## Major Requirements

72 credit hours, distributed as follows:

### Sport Management/Marketing Courses

27 credit hours

- SPMG 110 - Intro to Sports Management
- SPMG 132 - Sociology of Sport
- SPMG 195 - History of American Sport
  
- SPMG 310 - Sport Marketing
- SPMG 322 - Facility & Event Mgmt
- SPMG 348 - Legal & Ethical Issues in Sprt
- SPMG 360 - Sport Finance & Economics
- SPMG 410 - Sport Ethics

### Sport Management/Marketing Electives

6 credit hours

- SPMG 340 - International Sport
- SPMG 350 - Professional Devel. SPMG
- SPMG 366 - Marketing Comm Practicum
- SPMG 377 - Sport Psychology
  
- SPMG 390 - Contemp Coaching:Issues & Trds
  
- FINC 300 - Business Finance
- BAIS 311 - Sabermetrics

## Business Courses

21 credit hours

- ACCT 200 - Introductory Financial Acct
- BAIS 220 - Mgmt of Info Tech
- BLAW 300 - Legal Environment
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- MGMT 200 - Organizational Management
- MKTG 300 - Principles of Marketing

## Communication Courses

3 credit hours

- COMM 101 - Oral Communication

## Sport Management Internship

9 credit hours of field experience required

- SPMG 495 - Internship in Sport Mgmt

## Marketing Electives

6 credit hours of Marketing electives

## Notes:

- Some of these electives may double count with other core or major courses
- All students must elect one each of oral communications, quantitative reasoning and writing-intensive flagged courses; many of these are available within the core or major.
- A 2.000 cumulative GPA must be attained in the major courses.
- A minimum of 120 credit hours is required for the degree.

## Teaching Integrated Sciences, B.S.

### Requirements for Teaching Integrated Science, B.S.

#### 28-29 Hours of Required Courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab
- BIOL 120 - Life: Ecology & People
- BIOL 136 - Life: Ecology and People Lab or

- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
- PHYS 118 - Our Universe: The Sky
- PHYS 119 - Our Universe: The Sky Lab
- MATH 156 - General Statistics

## 31 Hours of Required Education Courses

- EDMS 131 - Professional Education
- EDFD 110 - Advanced Human Development
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDRE 471 - Content Area Literacy
- EDMS 470 - Student Teaching AYA

## Concentrations

### Life Sciences Concentration - 31 Hours

- BIOL 102 - Life: Human Biology
- BIOL 132 - Life: Human Biology Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 240 - Evolution
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 497 - Experimental Biology Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 140 - Concepts of Calculus
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

### Chemistry Concentration - 31 Hours

- BIOL 240 - Evolution
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- MATH 140 - Concepts of Calculus
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- BIOL 497 - Experimental Biology Lab
- CHEM 220 - Principles of Physical Chem

### Physics Concentration - 26-30 Hours

- BIOL 240 - Evolution
- PHYS 170 - University Physics I

- PHYS 171 - Explorations in Physics I
  - PHYS 172 - University Physics II
  - ENGR 173 - Explorations in Engineering
  - PHYS 330 - Modern Physics I
  - PHYS 331 - Modern Physics I Lab
  - PHYS 242 - Circuit Analysis
  - PHYS 243 - Circuit Analysis Lab
- 
- ENGR 342 - Material Science
  - PHYS 355 - Advanced Lab
  - PHYS 395 - Physics Research
  - PHYS 398 - Physics Thesis

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.S. Teaching Integrated Science

This block serves as a guideline for progress toward a degree. See your academic advisor.

### With Life Sciences Concentration

#### Freshman Year

##### First Semester

- BIOL 160 General Biology I
- BIOL 161 General Biology I Lab
- ENGL101 Composition or ENGL115 Rhetoric
- Second Language I
- CORE 100 First Year Seminar OR Theology 111
- EDMS131 Intro to Education
- CORE 101 GOA

##### Second Semester

- BIOL 162 General Biology II
- BIOL 163 General Biology II Lab
- PHIL 100 Ethics as Intro to Philosophy
- Second Language II
- CORE 100 First Year Seminar OR Theology 111
- EDFD 110 Advanced Human Dev and Learning (SS Elective for core)
- CORE 102 GOA

#### Sophomore Year

##### First Semester

- CHEM 160 General Chemistry I
- CHEM 161 General Chemistry I Lab
- MATH146 or 156 Stats
- BIOL 250 Ecology
- BIOL 251 Ecology Lab
- EDSP 200 Special Education
- PHYS 118-119 Our Universe: The Sky

## Second Semester

- CHEM 162 General Chemistry II
- CHEM 163 General Chemistry II Lab
- BIOL 230 Genetics
- BIOL 231 Genetics Lab
- Historical Perspectives Elective
- MATH 140 Concepts of Calculus
- PHYS 116-117 Our Universe: The Earth

## Junior Year

### First Semester

- EDSP 380 Classroom Management
- PHYS 160 College Physics I
- PHYS 161 College Physics I Lab
- BIOL102, BIOL132 Human Bio lec+lab
- Creative Perspectives Elective
- ENGL 205 Literature and Moral Imagination

### Second Semester

- BIOL120, 136 Ecology and People lec + lab (E/RS flag)
- PHYS 162 College Physics II
- PHYS 163 College Physics II Lab
- Humanities Elective with DCR flag
- EDMS 332 Methods (w/ 50 observation hrs) (Oral Flag)
- Elective

## Senior Year

### First Semester

- CHEM 240-241 O. Chem. Lec + lab
- BIOL240 Evolution
- BIOL497 Advanced Inquiry Lab
- EDMS 411 (w/ 50 observation hrs)
- Theological Perspectives Elective
- EDMS 350 Tech & Topics

### Second Semester

- Student Teaching: EDMS 470
- EDRE 471 Content Area Literacy

## With Chemistry Concentration

### Freshman Year

#### First Semester



- CHEM 160 General Chemistry I
- CHEM 161 General Chemistry I Lab
- ENGL101 Composition or ENGL115 Rhetoric
- Second Language I
- CORE 100 First Year Seminar OR Theology 111
- EDMS131 Intro to Education
- CORE 101 GOA

## Second Semester

- CHEM 162 General Chemistry II
- CHEM 163 General Chemistry II Lab
- PHIL 100 Ethics as Intro to Philosophy
- Second Language II
- CORE 100 First Year Seminar OR Theology 111
- EDFD 110 Advanced Human Dev and Learning (SS Elective for core)
- CORE 102 GOA

## Sophomore Year

### First Semester

- CHEM 240 Organic Chemistry I
- CHEM 241 Organic Chemistry I Lab
- MATH 146 or 156 Stats
- BIOL 160 General Biology I
- BIOL 161 General Biology I Lab
- EDSP 200 Special Education
- PHYS 118-119 Our Universe: The Sky

### Second Semester

- CHEM 242 Organic Chemistry II
- CHEM 243 Organic Chemistry II Lab
- BIOL 162 General Biology II
- BIOL 163 General Biology II Lab
- Historical Perspectives Elective
- MATH 140 Concepts of Calculus
- PHYS 116-117 Our Universe: The Earth

## Junior Year

### First Semester

- EDSP380 Classroom Management
- PHYS 160 College Physics I
- PHYS 161 College Physics I lab
- CHEM 220 Principles of Physical Chemistry
- Creative Perspectives Elective
- ENGL 205 Literature and Moral Imagination

### Second Semester

- CHEM226 and 227 Quantitative Analysis lec and lab
- PHYS 162 College Physics II
- PHYS 163 College Physics II lab
- Humanities Elective with DCR flag
- EDMS332 Methods (w/ 50 observation hrs) (Oral Flag)
- Elective

## Senior Year

### First Semester

- BIOL 120, 136 Ecology and People lec + lab (E/RS flag)
- BIOL 240 Evolution
- BIOL 497 Advanced Inquiry Lab
- EDMS 411 (w/ 50 observation hrs)
- Theological Perspectives Elective
- EDMS 350 Tech & Topics

### Second Semester

- Student Teaching: EDMS 470
- EDRE 471 Content Area Literacy

## With Physics Concentration

### Freshman Year

#### First Semester

- PHYS 170 University Physics I
- PHYS 171 University Physics II Lab
- MATH 180 Differential Calculus
- Second Language I
- CORE 100 First Year Seminar OR Theology 111
- EDMS 131 Intro to Education
- CORE 101 GOA

#### Second Semester

- PHYS 172 University Physics II
- ENGR 173 University Physics II Lab
- Second Language II
- MATH 181 Integral Calculus
- CORE 100 First Year Seminar OR Theology 111
- EDFD 110 Advanced Human Dev and Learning (SS Elective for core)
- CORE 102 GOA

## Sophomore Year

#### First Semester

- CHEM 160 General Chemistry I
- CHEM 161 General Chemistry I Lab
- MATH 146 or 156 Stats
- ENGL 101 Composition or ENGL115 Rhetoric
- EDSP 200 Special Education
- PHYS 118-119 Our Universe: The Sky

## Second Semester

- CHEM 162 General Chemistry II
- CCHEM 163 General Chemistry II Lab
- Historical Perspectives Elective
- DCR Flag
- PHYS 116-117 Our Universe: The Earth
- PHIL 100 Ethics as Intro to Philosophy

## Junior Year

### First Semester

- BIOL160 General Biology I
- BIOL161 General Biology I Lab
- EDSP 380 Classroom Management
- PHYS 242 Circuits OR Humanities elective
- PHYS 243 Circuits Lab OR Creative Perspectives Elective
- ENGL 205 Literature and Moral Imagination

### Second Semester

- BIOL162 General Biology II
- BIOL163 General Biology II Lab
- BIOL120, 136 Ecology and People lec + lab (E/RS flag)
- Humanities Elective OR PHYS 342 Material Science
- EDMS 332 Methods (w/ 50 observation hrs) (Oral Flag)
- Creative Perspectives Elective OR PHYS 355 Advanced Lab

## Senior Year

### First Semester

- Modern Physics PHYS 330 & 331
- BIOL 240 Evolution
- PHYS 395 & 398: Physics Research & Thesis
- EDMS 411 (w/ 50 observation hrs)
- Theological Perspectives Elective
- EDMS 350 Tech & Topics

### Second Semester

- Student Teaching: EDMS470
- EDRE 471 Content Area Literacy

## **Theatre Education, B.S.**

Xavier University's theatre education program combines a well-rounded theatre education with the necessary educational courses for students to receive their license to teach theatre to grades PK - 12 in Ohio's public schools. Practical experiences and professional collaborations in theatre help to prepare the next generation of theatre teachers the breadth of knowledge to face the challenges of teaching today's students.

## Requirements for the Theatre Education Major

## Core Curriculum Requirements:

- Undergraduate Core Curriculum

## Major Requirements:

### Theatre Foundation Courses

28 credit hours from:

- THTR 100 - Introduction to the Theatre
- THTR 120 - Acting I
- THTR 150 - Stagecraft I

### Theatre Performance/Production Courses:

12 credits from:

- THTR 160 - Improvisation
- THTR 220 - Improvisation for the Actor or

### Theatre Electives:

3 credits from:

- COMM 235 - Digital Design
- ENGL 425 - Shakespeare
- ENGL 472 - Modern Drama
- MUSC 100 - Basic Music Theory
- MUSC 282 - Private Lesson: Voice

### Education Requirements:

31 credits:

- EDMS 131 - Professional Education
- EDSP 200 - Sp Ed: Identification & Issues
- EDFD 110 - Advanced Human Development
- EDRE 471 - Content Area Literacy
- EDMS 350 - Technology & Topics for Educat
  
- EDMS 411 - Clinical Experiences

### Additional Requirements:

- Pass a comprehensive theatre exam during the spring semester of senior year.
- Participation in at least one regional audition/interview event (SETC, UPTA, etc.) Event must be approved by faculty.
- Production attendance for all shows in which not cast or holding a technical position.

- Attendance at 20 professional productions.
- Audition or submit technical application for all departmental productions, except during semester of study teaching.

## Notes:

- A 3.000 cumulative average must be attained in the theatre major.
- Students are required to have regular advising meetings with their theatre department advisor.

**TOTAL Minimum Hours Required for Degree: 133 Semester Hours**

## B.S. Theatre Education

### Freshman Year

#### Fall Semester

- THEATRE 100 - Intro to Theatre
- THEATRE 120 - Acting I
- CORE 100 - First Year Seminar
- PHILOSOPHY 100 - Introduction to Ethics
- Second Language I
- MONTESSORI EDUCATION 131 - Professional Education

#### Spring Semester

- THEATRE 110 - Survey of Dramatic Literature
- THEATRE 150 - Stagecraft
- THEOLOGY 111
- Second Language II
- THEATRE 198/199 - Theatre Workshop
- EDUCATION 110 - Human Development and Learning

### Sophomore Year

#### Fall Semester

- THEATRE 205 - Theatre History I
- Theatre Performance/Production Elective
- Historical Perspectives elective
- Scientific Perspectives elective
- PHILOSOPHY 200 - Philosophical Perspectives
- THEATRE 198/199 - Theatre Workshop
- SPECIAL EDUCATION 200 - Special Education Incident and Issues

#### Spring Semester

- THEATRE 206 - Theatre History II

- THEATRE 211 - Script Analysis
- Mathematical Perspectives Elective
- Theological Perspectives Elective
- Theatre Production/Performance Elective
- THEATRE 198/199 - Theatre Workshop
- THEATRE 301 - Teaching Methods Elementary Education

## Junior Year

### Fall Semester

- THEATRE Production/Performance Elective
- THEATRE 302 - Teaching Methods Secondary Education
- Theatre Elective
- Natural Science Elective
- Humanities Elective
- MONTESSORI EDUCATION 350 - Tech and Topics for Teachers

### Spring Semester

- THEATRE 310 Directing
- THEATRE 198/199 Theatre Workshop
- Social Science Elective
- ENGLISH 205 - Literature and Moral Imagination
- General Elective
- THEATRE 350 - Theatre Internship

## Senior Year

### Fall Semester

- Theatre Production/Performance Elective
- THEATRE 198/199 - Theatre Workshop
- General Elective

### Spring Semester

- Theatre Production/Performance Elective
- THEATRE 450 - Senior Thesis
- General Elective

## **Bachelor of Science in Business Administration**

### **Accounting, B.S.B.A.**

The Department of Accountancy offers the Bachelor of Science in Business Administration (BSBA) degree in Accounting and an undergraduate minor in Accounting. Also, it offers a Master of Science in Accounting (MS) and two combined undergraduate/graduate degree options leading to either a BSBA and an MS or a BSBA and an MBA. These combined programs are designed to provide the student with an undergraduate and graduate degree while meeting the law in effect in most states that requires 150 semester credit hours of education to become a licensed Certified Public Accountant (CPA). Eligible students are allowed to begin graduate coursework during their senior year.

The BSBA in Accounting is a four-year program that may be a terminal degree for students interested in careers in corporate, governmental and not-for-profit accounting. For CPA candidates the four year program can be combined with additional undergraduate coursework to fulfill the 150-hour requirement. Elective internship experiences are available to undergraduate and graduate students.

# Requirements for the BSBA Accounting Major

## Undergraduate core curriculum requirements:

See Undergraduate Core Curriculum

48-63 Credit Hours dependent on courses taken, including

### Mathematics:

- MATH 150 - Elements of Calculus I

### Business Core Requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

### Major Requirements:

24 hours of specific accounting courses above the business core:

### Required Courses

- ACCT 304 - Acct Info Systems & Controls
- ACCT 307 - Fin Actg & Reporting I
- ACCT 308 - Fin Actg & Reporting II

- ACCT 311 - Introduction to Taxation

Choose one of the following:

- ACCT 490 - Auditing

Electives - Choose two of the following courses

- ACCT 303 - Internship / Accounting Junior or
- ACCT 312 - Volunteer Income Tax Asst I
- ACCT 385 - Financial Modeling
- ACCT 425 - Cost Accounting
- ACCT 414 or ACCT 490 - Auditing (whichever course was not chosen in the category above)

Note:

- Only one of ACCT 303 or ACCT 312 can count as a required accounting elective. If both are taken the second course will count as a general elective.
- The BSBA degree program typically requires 120 total credit hours. A 2.000 grade point average (GPA) must be attained overall, in the business core and the accounting major.
- Ethical issues and professional responsibilities of accountants are integrated throughout these courses.
- Any course taken at another institution to fulfill an accounting major requirement must be from an AACSB accredited business school and approved by the department. Approval should be obtained in advance to ensure transfer credit.

Note(s):

- The BSBA degree program typically requires 121 total credit hours. A 2.000 grade point average (GPA) must be attained overall, in the business core and the accounting major.
- Ethical issues and professional responsibilities of accountants are integrated throughout these courses.
- Any course taken at another institution to fulfill an accounting major requirement must be from an AACSB accredited business school and approved by the department. Approval should be obtained in advance to insure transfer credit.
- The business elective can be fulfilled by taking ACCT 303 Internship / Accounting Junior, ACCT 312 Volunteer Income Tax Assistance I, or ACCT 403 Internship / Accounting Senior as well as the two accounting electives not chosen above or a non-business core course from another discipline.

## B.S.B.A. Accounting

This block serves as a guideline for progress toward a degree. Note that the following schedule should only be followed by a student who does not plan to complete the requirements to be eligible to take the CPA exam. See your academic advisor.

### Freshman Year

#### First Semester

- FY Seminar - CORE 100 or THEO 111
- ENGL 101/115
- Second Language I
- Mathematical Perspectives -MATH 140
- PHIL 100
- CORE 101
- BUAD 101



## Second Semester

- ACCT 300
- THEO 111 or CORE 100
- Social Science Elective - ECON 200
- BAIS 210
- Second Language II 1
- CORE 102
- BUAD 102

## Sophomore Year

### First Semester

- Humanities Elective
- ACCT 200
- ECON 201
- BAIS 211
- MGMT 200 (DCR Flag)
- BUAD 201

### Second Semester

- ACCT 307-Financial Accounting & Reporting I
- Literature & Moral Imagination - ENGL 205
- MGMT 201 (Oral Communications & Writing Flag)
- FINC 300-(Quantitative Reasoning Flag)
- BAIS 220
- BUAD 202

## Junior Year

### First Semester

- ACCT 308- Financial Accounting & Reporting II
- ACCT 311 - Introduction to Taxation
- Historical Perspectives
- Philosophical Perspectives - PHIL 200
- Natural Sciences or Scientific Perspectives Elective
- BUAD 301

### Second Semester

- ACCT 201
- ACCT 304

- ECON 300
- MKTG 300
- ACCT elective
- BUAD 302

## Senior Year

### First Semester

- ACCT 414 Corporate Taxation or ACCT 490 -Auditing
- ACCT Elective
- BLAW 300 (ERS Flag)
- BAIS 302
- Scientific Perspectives or Natural Sciences Elective
- BUAD 401

### Second Semester

- Business Core Capstone
- Creative Perspectives Elective
- Theological Perspectives Elective
- General Elective
- General Elective
- BUAD 402
- CORE 499

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours. Major is 24 hours. Many ACCT majors earn 150 hours to sit for the CPA Exam (by double-majoring or pursuing a Master's Degree).
- 1-Foreign Language: Must complete 201-level
- 2-ACCT 300 fulfills the required business elective.
- 3-Social Science: Business majors must take ECON 200 as Social Science Elective
- 4-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 5-Science: Take any six hours of science - but must include at least 3 hours of Natural Science such as BIOL, CHEM or PHYS
- 6-General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores
- FLAGS: All flags are included in business core curriculum
- GPA- Accounting majors must earn B- or better in ACCT 200 and ACCT 201 to proceed in the major.

## **Bachelor of Science in Business Administration, B.S.B.A.**

The BSBA degree program consists of:

Undergraduate core curriculum:

See Undergraduate Core Curriculum

48-63 Credit Hours dependent on courses taken, including

## Mathematics:

- MATH 140 - Concepts of Calculus
- MATH 170 - Calculus I
  
- BAIS 210 - Quantitative Methods

## Social sciences:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Business Core Requirements:

# Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

18-25 hours are typically required.

## Complete the Business Profession seminars:

- BUAD 101 - The Business Profession I
- BUAD 102 - The Business Profession I
- BUAD 201 - The Business Profession II
- BUAD 202 - The Business Profession II

- BUAD 301 - The Business Profession III
- BUAD 302 - The Business Profession III
- BUAD 401 - The Business Profession IV
- BUAD 402 - The Business Profession IV

## Electives:

- 3 hours of business courses. (i.e. 300-499 numbered courses in business, beyond the Business Core and the Major courses).
- 3 hours general electives (except for majors that require 21 hours).

## Note(s):

- At least half of the credit hours must be taken at Xavier.
- A minimum 2.000 GPA must be achieved for the courses taken within the major.
- Business course credit received ten or more years ago will not be accepted as transfer credit or readmit credit toward current requirements.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Business Analytics and Information Systems, B.S.B.A.**

The Bachelor of Science in Business Administration in Business Analytics and Information Systems, a STEM designated program, educates and develops future data analysts. Graduates will emerge with the necessary skills to immediately contribute to businesses in roles which require training in and an aptitude for data analysis. Through the utilization of real-world data sets, students will gain the skills, confidence and expertise required to succeed in today's data-driven business world. This program will produce high-quality students who are not only analytically sound but also ethically responsible in their use of data. Ultimately, the outcome of the program will be students who are able to help businesses make better decision through data analysis and statistical modelling.

## Requirements for the Business Analytics and Information Systems Major

### University Core Curriculum

See Undergraduate Core Curriculum

### Business Core Requirements

## **Business Core Courses**

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)

- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

21 credit hours, as follows

### B.S.B.A. in Business Analytics and Information Systems with a Business Analytics Concentration

#### Required BAIS Courses

- BAIS 329 - Data Mining
- BAIS 358 - Data Modeling and Management
- BAIS 360 - Intro to Application Developmt
- BAIS 365 - Business Analytics

#### Business Analytics Electives (Choose 2)

- BAIS 311
- BAIS 389
- BAIS 498
- BAIS 367
- MKGT 315 or MKGT 370
- MKGT 302
- FINC 385 / ACCT 385
- FINC 365
- ACCT 304
- ECON 306
- ECON 307

### B.S.B.A. in Business Analytics and Information Systems with an Operations & Supply Chain Management Concentration

#### Required BAIS Courses

- BAIS 365
- BAIS 330
- BAIS 333 / MGMT 333
- BAIS 336 / MGMT 336
- BAIS 463

#### Operations and Supply Chain Management Electives (Choose 2)

- MKTG 340 / BAIS 340
- MKTG 310 / BAIS 310
- BAIS 389
- BAIS 498
- BAIS 367
- BAIS 360
- BAIS 462
- ACCT 304

- ACCT 425
- MGMT 322

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours.
- All students who choose the B.S.B.A. in BAIS must declare a concentration. A student who majors in the B.S.B.A. in BAIS may not double major in the other concentration. They may, however, minor in one BAIS minor (BA, OSM, or IS) at most. A student may not minor in the same area as their concentration.

## Business Core

### Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- ACCT 200 - Introductory Financial Acct
- ACCT 201 - Introductory Managerial Acct
- BAIS 210 - Quantitative Methods
- BAIS 211 - Intro to Business Analytics
- BAIS 220 - Mgmt of Info Tech
- BAIS 302 - Intro to Ops & Supply Chain Mg
- BLAW 300 - Legal Environment
- BUAD 398 - Business Core Capstone
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 300 - Int'l Trade & Bus Environment
- FINC 300 - Business Finance
- MGMT 200 - Organizational Management
- MGMT 201 - Business & Professional Comm
- MKTG 300 - Principles of Marketing

## Economics, B.S.B.A.

The Department of Economics offers the Bachelor of Science in Business Administration degree in Economics. The Department also offers a Bachelor of Arts in Economics degree through the College of Arts & Sciences.

A degree in Economics provides the student with an understanding of economic issues pertaining to individual firms, industries, the public sector, and the overall economy. The study of economics, supported by the knowledge of Mathematics and Statistics, emphasizes both analytic reasoning and a thorough knowledge of economic institutions. Economics majors analyze such topics as optimal decision-making, market efficiency, profit maximization, cost-benefit analysis, inflation, unemployment, international trade, financial markets, forces of globalization, and governmental economic activity. The program has proven useful to people who have moved into positions in many of the functional areas of business and government. It is also excellent training for graduate study in business, in law, and in economics itself.

### Requirements for the Economics Major

#### Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, See Undergraduate Core Curriculum

#### Business Core Requirements:

# Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

21 hours of economics courses above the business core:

- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic

## Electives:

- 3 hours of business electives.
- 3 hours of general electives.

## Required Capstone Project

- ECON 494 - Economics Capstone

## Note(s):

- A 2.000 cumulative average must be attained in the economics courses.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

**B.S.B.A. Economics**

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- FY Seminar-CORE 100 or THEO 111
- Mathematical Perspectives-MATH 140 or 170
- ENGL 101/115
- Second Language I <sup>4</sup>
- Social Science Elective-ECON 200 <sup>1</sup>
- BUAD 101
- CORE 101

### Second Semester

- THEO 111 or FY Seminar-CORE 100
- Second Language II <sup>4</sup>
- Historical Perspectives Elective
- MKTG 300
- ECON 201
- BUAD 102
- CORE 102

## Sophomore Year

### First Semester

- PHIL 100
- Humanities Elective<sup>3</sup>
- ACCT 200
- BAIS 210
- MGMT 200 (DCR flag)
- BUAD 201

### Second Semester

- Scientific Perspectives or Natural Sciences Elective <sup>2</sup>
- ECON 300
- ACCT 201
- BAIS 211
- BAIS 220
- BUAD 202



## Junior Year

### First Semester

- Philosophical Perspectives-PHIL 200
- FINC 300-(Quantitative Reasoning Flag)
- MGMT 201 (Oral Communications & Writing Flag)
- ECON 305-Microeconomic Analysis
- ECON Elective-300 or 400 level
- BUAD 301

### Second Semester

- Theological Perspectives Elective
- ENGL 205
- ECON 306-Macroeconomic Analysis
- ECON 307-Empirical Analysis in Economics
- General Elective 1\*
- BUAD 302

## Senior Year

### First Semester

- Natural Science Elective or Scientific Perspective <sup>2</sup>
- MGMT 302
- Business Core Capstone
- ECON Elective-300 or 400 level
- ECON Elective-400 level
- BUAD 401

### Second Semester

- Creative Perspectives Elective
- BLAW 300-(ERS Flag)
- ECON 494-Capstone Experience
- ECON Elective-400 level
- Business Elective or Internship for Credit
- General Elective 2\*
- BUAD 402
- CORE 499

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours. Major is 23 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but **must include at least 3 hours** of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All flags are included in business core curriculum
- \*\*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores

## Entrepreneurship and Innovation, B.S.B.A.

The Department of Management and Entrepreneurship offers the Bachelor of Science in Business Administration in Entrepreneurship and Innovation.

Xavier's undergraduate major in Entrepreneurship and Innovation is designed to help prepare students to seek opportunities, act resourcefully, think creatively, and lead ethically to make a difference in their organizations and the world, our majors will learn to:

1. Provide progressive leadership for existing family businesses
2. Start their own businesses, and/or
3. Pursue careers in creating and managing innovation and leading entrepreneurship in non-profits and small to large organizations in this global market economy.

The strength of our free enterprise economy depends heavily on an entrepreneurial mindset in those individuals who identify new product or service opportunities, develop workable plans for capitalizing on those opportunities, and assume personal risk and take the initiative in creating and then managing the new or expanded enterprises which those plans make possible.

## Requirements for a Major in Entrepreneurship and Innovation

Since successful entrepreneurs and those with an entrepreneurial mindset need to have an integrative and interdisciplinary set of skills, the Entrepreneurship and Innovation major is interdisciplinary in nature, providing advanced course work in all business functions, specialized course work in creativity and innovation, business planning and a field experience, and a required entrepreneurial work internship.

### Undergraduate core curriculum requirements:

Undergraduate Core Curriculum

#### Mathematics:

- MATH 150 - Elements of Calculus I

#### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Business Core Requirements:

# Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

21 total credit hours required, as follows:

15 hours specifically required:

- ENTR 305 - Creativity & Innovation
- ENTR 303 - Co-Op Education/Entrep St: JR
- ENTR 495 - Entr & Innovation Capstone

6 hours from major electives:

- ENTR 311 - New Venture Planning
  - ENTR 403 - Co-Op Education/Entrep St: SR
  - ENTR 494 - Contemporary Issues in ENTR
  - MGMT 309 - Change Management
  - MGMT 310 - Teamwork & Team Building
  - MGMT 312 - Negotiation & Conflict Mgmt
  - MGMT 314 - Leadership
  - MGMT 385 - Project Management
  - SHRM 300 - Human Resource Management
  - SHRM 345 - Compensation
  - FINC 388 - Entrepreneurial Finance
  - MKTG 302 - Marketing Research
  - MKTG 325 - Marketing Services
  - MKTG 329 - Data Mining
  - MKTG 330 - Retail Marketing
  - MKTG 361 - Professional Selling
  - MKTG 368 - Brand Building
  - MKTG 385 - Digital Mktg and Analytics
  - MKTG 398 - Social Media Marketing
- 
- BAIS 365 - Business Analytics

Note(s):

- Please note that double majors (students majoring in another business discipline beside ENTR) should take electives only with the approval of the department since double-counting of courses is not permitted.

## B.S.B.A. Entrepreneurship and Innovation

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- FY Seminar-CORE 100 or THEO 111
- Mathematical Perspectives-MATH 140 or 170
- ENGL 101/115
- Second Language I <sup>4</sup>
- MGMT 200 (DCR)
- BUAD 101
- CORE 101

#### Second Semester

- THEO 111 or FY Seminar-CORE 100
- BAIS 210 (or STAT 210)
- Second Language II <sup>4</sup>
- ENTR 301 - Intro to Entrepreneurship and Innovation
- Social Science Elective-ECON 200 <sup>1</sup>
- BUAD 102
- CORE 102

### Sophomore Year

#### First Semester

- PHIL 100
- ECON 201
- ACCT 200
- BAIS 211
- Historical Perspectives Elective
- BUAD 201

#### Second Semester

- Scientific Perspectives or Natural Science Elective <sup>2</sup>
- MGMT 201 (Oral Communications & Writing Flag)
- ACCT 201

- MKTG 300
- ENTR 305 - Creativity & Innovation
- BUAD 202

## Junior Year

### First Semester

- Natural Science Elective or Scientific Perspectives <sup>2</sup>
- FINC 300 (Quantitative Reasoning Flag)
- BAIS 220
- PHIL 200 - Philosophical Perspectives Elective
- Creative Perspectives Elective
- BUAD 301

### Second Semester

- Theological Perspectives Electives
- ENGL 205
- ECON 300
- ENTR 335 - Social Entrep. and Innov.
- ENTR 303 - Entrepreneurship Internship
- BUAD 302

## Senior Year

### First Semester

- Business Core Capstone
- BLAW 300 (ERS Flag)
- MGMT 302
- ENTR Elective
- General Elective I
- BUAD 401

### Second Semester

- Humanities Elective <sup>3</sup>
- ENTR 495 - Entrep. and Innovation Capstone
- ENTR Elective
- Business Elective or additional internship for credit
- General Elective 2
- BUAD 402
- CORE 499

## Notes

- Minimum for undergraduate degree is 120 hours. Major is 21 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but must include at least 3 hours of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All except Writing Intensive Flag are included in business core curriculum
- \*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores
- ENTR-approved MKTG or interdisciplinary electives. See degree audit or consult your department.

## Finance, B.S.B.A.

The Department of Finance offers the Bachelor of Science in Business Administration in Finance.

This degree program develops an appreciation of financial management and financial operation. Everyone majoring in Finance must take courses designed to acquaint him or her with the various financial records of the firm, the character and appraisal of corporate securities, and the financial techniques applicable to the various phases of the discipline. In addition, the student may choose elective subjects.

## Requirements for the Finance Major

Undergraduate core curriculum requirements:

See Core Curriculum

Business Core Requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

Major Requirements:

21 total credit hours required, as follows:

15 hours of required finance courses:

- FINC 350 - Financial Statement Analysis or
- ACCT 308 - Fin Actg & Reporting II
- FINC 365 - Investments
- FINC 385 - Financial Modeling
- FINC 401 - Intermediate Financial Mgmt
- FINC 492 - Portfolio Management II or
- FINC 495 - Cases & Problems in Finance

6 hours from a finance major elective:

- FINC 306-499 (except FINC 350 and FINC 403) (refer to Course Descriptions.)

Note(s):

- A 2.500 average must be attained in these courses of the major.

## B.S.B.A. Finance

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- FY Seminar-CORE 100 OR THEO 111
- Mathematical Perspectives-MATH 140 or 170
- ENGL 101/115
- Second Language I <sup>4</sup>
- MKTG 300
- BUAD 101
- CORE 101

#### Second Semester

- THEO 111 or FY Seminar-CORE 100
- Second Language II <sup>4</sup>
- Historical Perspectives Elective
- Social Science--ECON 200 <sup>1</sup>
- ACCT 200 <sup>GPA</sup>
- BUAD 102
- CORE 102

## Sophomore Year

### First Semester

- PHIL 100
- Humanities Elective <sup>3</sup>
- ECON 201
- ACCT 201
- BAIS 210
- BUAD 201

### Second Semester

- Scientific Perspectives or Natural Science Elective <sup>2</sup>
- FINC 300 <sup>GPA</sup>
- MGMT 200 (DCR Flag)
- BAIS 211
- BAIS 220
- BUAD 202

## Junior Year

### First Semester

- Philosophical Perspectives--PHIL 200
- ENGL 205
- ECON 300
- FINC 350 or ACCT 308-Financial Statements
- FINC 365--Investments
- BUAD 301

### Second Semester

- Theological Perspectives
- MGMT 201-(Oral Communications & Writing Flag)
- FINC 401-Intermediate Financial Management
- FINC or ACCT 485-Financial Modeling
- General Elective 1\*
- BUAD 302

## Senior Year



## First Semester

- Business Core Capstone
- Natural Science Elective or Scientific Perspectives <sup>2</sup>
- BLAW 300 (ERS) <sup>5</sup>
- FINC Elective
- General Elective 2\*
- BUAD 401

## Second Semester

- Creative Perspectives Elective
- MGMT 302
- FINC 488/492/FINC 495-Finance Capstone
- FINC elective
- Business Elective or Internship for Credit or FINC 490
- BUAD 402
- CORE 499

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours. Major is 21 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but must include at least 3 hours of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All except Writing Intensive Flag are included in business core curriculum
- \*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores
- GPA-Finance majors must earn B- or better in ACCT 200 and FINC 300. Also a GPA of 2.5 or better is required in the major overall.

## International Business, B.S.B.A.

The world is a global marketplace creating great opportunities for careers in business, trade, government and non-government organizations (NGOs) for people with good business and technical skills, as well as cross-cultural and foreign language abilities.

- Living and working in the U.S. for a company that sends you abroad for business travel, or
- Working for a company that sends you abroad to work for a number of years at a time.

The International Business major is an interdisciplinary program that provides you with skills and knowledge to pursue a long-term career in international business. Courses and faculty come from a number of disciplines across the Williams College of Business. Because companies often provide foreign assignments to employees who are trained in their domestic operations, we recommend considering a second major such as marketing, finance, information systems, or accounting; if you can't do that, take a few targeted courses in one discipline.

## Requirements for the Major in International Business

## Undergraduate core curriculum requirements:

### Undergraduate Core Curriculum

#### Mathematics:

- MATH 150 - Elements of Calculus I
- MATH 140 - Concepts of Calculus

#### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

#### Foreign/Second Language:

- In addition to university core requirement, students are required to have a minor in a Foreign Language (202 and four additional courses from 203-498 with necessary distributional requirements as specified for chosen language. Spanish minor requires five additional courses.)

#### Business core requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

21 total credit hours required, as follows:

### Required Courses

- MKTG 320 - International Marketing or
- MGMT 325 - International Management
  
- FINC 476 - International Finance
- BUAD 495 - Intern'l Business Capstone

### Semester Long Study Abroad Program

Students are required to enroll in a semester-long study abroad program, preferably in the Fall or Spring semester of their junior year.

### Double Major in Area of Business or Track

Students must choose either a double major in any functional area of business (BSBA in: Accounting, Business Analytics, Economics, Economics, Entrepreneurial Studies, Finance, Information Systems, Management, Marketing, Strategic Human Resource Management, or Sustainability: Economics and Management) or one of five following tracks that each will consist of three courses:

#### Economics/Finance

- Electives: ECON 341, ECON 307, ECON 450, ECON 470, FINC 350, FINC 365, FINC 370.
- Students can also use choose up to one elective from BUAD 480-494.

#### Global Supply Chain

- Global Supply Chain Management (BAIS 333),
- Strategic Sourcing (BAIS 335),
- and an elective from the following: Mktg 310, Mktg 340, BAIS 330, BAIS 360, BAIS 365, BAIS 367, BAIS 389, BAIS 463, BAIS 498, ACCT 304, and ACCT 425

#### Management

- SHRM 325
- MGMT 333.
- Electives: MGMT 309, MGMT 312, and MGMT 322. Other electives will be added as instructors are identified: MGMT 310, MGMT 385, and MGMT 410.
  - Students can also use choose up to one elective from BUAD 480-494.

#### Marketing

- MKTG 302
- MKTG 370
- Elective: MKTG 310, MKTG 315, MKTG 325, MKTG 329, MKTG 330, MKTG 340, MKTG 345, MKTG 361, MKTG 368, MKTG 385, MKTG 390, MKTG 398.
  - Students can also use choose up to one elective from BUAD 480-494.

#### Sustainability

- SUST 301
- SUST 401

- Electives: 3 hours from SUST 465-467, MGMT 309, MGMT 312, MGMT 322, or MGMT 333.
  - Students can also use choose up to one elective from BUAD 480-494.

## Note(s):

- A 2.000 cumulative average must be attained in the economics courses.

## International Experience

Students engage in a summer-long or semester-long study-abroad or work abroad in a country other than one's native country. (Two additional courses of foreign language generally at the 300-level or above, may be substituted for the international experience. To pursue this option, see the international business advisor; these cannot also be counted toward the International Cultural Elective.)

To help plan your courses, study- or work-abroad experience, and future career, be sure to meet with one of the international business advisors.

## B.S.B.A. International Business

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- PHIL 100
- CORE 100
- ENGL 101 OR 115
- ECON 200
- LANGUAGE 201
- BUAD 101
- CORE 101

#### Second Semester

- THEO 111
- MATH 140
- ECON 201
- MKTG 300
- LANGUAGE 202
- BUAD 102
- CORE 102

### Sophomore Year

#### First Semester

- LANGUAGE 203-498
- PHIL 200
- ECON 300
- ACCT 200
- BAIS 210
- BUAD 201

## Second Semester

- LANGUAGE (203-498)
- THEOLOGY PERSPECTIVES
- LIT & MORAL IMAGINATION
- ACCT 201
- BAIS 211
- BUAD 202

## Junior Year

### First Semester

- LANGUAGE (203-498)
- HISTORICAL PERSPECTIVES
- MGMT 200 (DCR FLAG)
- FINC 300
- BLAW 300 (E/RS ELECTIVE)
- BUAD 301

### Second Semester

- LANGUAGE (203-498)
- MKTG 320 or MGMT 325
- MGMT 201
- CREATIVE PERSPECTIVES
- MGMT 302
- BUAD 302

## Senior Year

### First Semester

- TRACK COURSE 1
- TRACK COURSE 2
- FINC 476 (INTL FINC)
- SCIENTIFIC PERSPECTIVES
- ELECTIVE OR LANGUAGE (203-498)
- BUAD 401

### Second Semester

- TRACK COURSE III
- NATURAL SCIENCE ELECTIVE
- MGMT 495
- BUAD 495
- ELECTIVE
- BUAD 402
- CORE 499

## Notes

- Minimum for undergraduate degree is 120 hours.
- Students enter a level of language based on a placement test; it is possible to place into FREN/GERM/SPAN 202 and bypass FREN/GERM/SPAN 201. Students who place below 202 are still able to complete this major by taking advanced language courses where general electives are listed. Note that the current language minor is 15 hours for French and German, and 18 hours for Spanish.
- Mathematical Perspectives
- Also fulfills the Social Science Elective
- Also a Humanities Elective
- May also be a Diversity flag if taken as FREN/GERM/SPAN 205.
- Also fulfills the Quantitative Reasoning flag.
- MGMT 201 has both the Writing and Oral Communication Flags
- MGMT 495 (part of the Business Core) will serve as the capstone
- IB majors are strongly encouraged to work with their advisors to select a study abroad program one or two semesters in length for an immersive experience in the chosen language. The student will work with their advisor, over the course of their sophomore year, to select a study abroad program for the Fall and/or Spring semester of their Junior year. It is expected that the student will take a couple of language classes, possibly some University Core classes such as Creative Perspectives, Historical Perspectives, possibly some Business Core classes such as International Trade & Business Environment (Econ 300), Principles of Marketing (Mktg 300), etc., and possibly one or more elective courses such as International Marketing (Mktg 320), Global Supply Chain Management (Mgmt 333), Development Economics (Econ 341), etc. Some courses might have to be moved around in the suggested block schedule depending on the progress of specific students. However, this should not be a hindrance to complete all the proposed requirements of the International Business major.
- Students who wish to use a language other than French, German, or Spanish should consult with the chair of Classics and Modern Language to find study abroad in the chosen language, or language courses in the Consortium to fulfill the Language component of International Business.
- IB students should meet with a Faculty advisor in each semester to determine core courses that support cultural and social awareness of the language selected. For example, if a student's language is Spanish, consider a Historical Perspectives course that focuses on Latin America or Spain; if a student's language is Chinese, consider a Philosophical Perspectives course that focuses on Confucianism.

## Management, B.S.B.A.

The Department of Management and Entrepreneurship offers the Bachelor of Science in Business Administration in Management.

The department offers a complete package of an integrated skill set for future managers and leaders to improve organizations and society. Our curricular objectives include: rapid, continual immersion into business practice; engaging rigorous and applied educational experience; transition into fulfilling careers; and lifelong learning and leadership. Our majors:

1. Learn the language of Management and Entrepreneurship used in the business world.
2. Are given an understanding for the significance of variation in human behavior in organizations.
3. Develop self-awareness, along with capabilities in problem solving, decision making, creativity, and communication.
4. Receive preparation for a variety of roles, including leader, entrepreneur, project or functional manager, and supply chain manager.
5. Are encouraged to approach business problems in an ethical, socially responsible manner.

This degree is designed for individuals who have career aspirations as management trainees, personnel trainees, in business education, who plan to attend law school, or graduate studies in business. Students interested in teaching certification in business should consult with the chair of the Education Department for certification requirements.

## Requirements for a Major in Management

### Undergraduate core curriculum requirements:

See Undergraduate Core Curriculum

### Mathematics:

- MATH 150 - Elements of Calculus I

Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

Business core requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

Major Requirements:

21 total credit hours required, as follows:

9 hours in specific management courses:

- MGMT 309 - Change Management
- MGMT 385 - Project Management
- MGMT 495 - Management Capstone

12 hours of major electives:

Select from

- ENTR 311 - New Venture Planning

- MGMT 305 - Creativity & Innovation or
- ENTR 305 - Creativity & Innovation

## Electives:

3 hours of business electives, with suggested courses of:

- MGMT 303 - Co-Op Education/Management: Jr or
- MGMT 403 - Co-Op Education/Management: Sr (Internship)

3 hours of general electives.

## Note(s):

- A 2.000 cumulative average must be attained in the courses of the major.

## B.S.B.A. Management

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- First Year Seminar--CORE 100 or THEO 111
- ENGL 101/115
- Mathematical Perspectives--MATH 140 or 170
- Second Language I <sup>4</sup>
- MKTG 300
- BUAD 101
- CORE 101

#### Second Semester

- THEO 111 or FY Seminar-CORE 100
- Historical Perspectives Elective



- Second Language II <sup>4</sup>
- Social Science Elective-ECON 200 <sup>1</sup>
- BAIS 220
- BUAD 102
- CORE 102

## Sophomore Year

### First Semester

- PHIL 100
- ACCT 200
- ECON 201
- MGMT 200 (DCR)
- BAIS 210
- BUAD 201

### Second Semester

- Scientific Perspectives or Natural Sciences Elective <sup>2</sup>
- Humanities Elective <sup>3</sup>
- MGMT 201-(Oral Communications & Writing Flag)
- ACCT 201
- BAIS 211
- BUAD 202

## Junior Year

### First Semester

- Philosophical Perspectives-PHIL 200
- Creative Perspectives Elective
- FINC 300 -(Quantitative Reasoning Flag)
- MGMT 309-Change Management
- MGMT Elective 1
- BUAD 301

### Second Semester

- Theological Perspectives Elective
- ENGL 205
- ECON 300
- MGMT 385 or 333-Project Mgmt/Global Supply Chain
- MGMT Elective 2
- BUAD 302

## Senior Year

## First Semester

- Natural Science Elective or Scientific Perspective <sup>2</sup>
- Business Core Capstone
- MGMT 302
- MGMT Elective 3
- General Elective 1\*
- BUAD 401

## Second Semester

- BLAW 300 (ERS Flag)
- Management Major Capstone
- MGMT Elective 4
- Business Elective or Internship for credit
- General Elective 2\*
- BUAD 402
- CORE 499

## Notes

- Minimum for undergraduate degree is 120 hours. Major is 21 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but must include at least 3 hours of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All flags are included in business core curriculum
- \*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores

## Marketing, B.S.B.A.

The Department of Marketing offers the degree of Bachelor of Science in Business Administration in Marketing.

Marketing is the activity, set of institutions and processes for creating, communicating, delivering and exchanging offerings that have value for customers, clients, partners and society at large. This is accomplished through marketing research, product planning and pricing, promotion, and distribution. The Marketing major develops an understanding of the concepts, functions and institutions of marketing, an appreciation of consumer orientation, and the ability to analyze marketing problems and formulate marketing policies.

This program is particularly relevant to the student planning a career in sales, advertising, consumer relations, merchandising, brand management, marketing management, marketing research, retailing, services, purchasing, business logistics, small business operations, executive management, consulting, business education, or work in certain government agencies.

## Requirements for the Marketing Major

### Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including

### Mathematics:

- MATH 140 - Concepts of Calculus

#### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

#### Business core requirements

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

#### Major Requirements:

21 total credit hours required (in addition to MKTG 300), as follows:

#### 9 hours of foundations specifically required:

- MKTG 302 - Marketing Research
- MKTG 370 - Consumer Behavior
- MKTG 495 - Mktg Planning & Analysis

#### 12 hours of electives required:

- Select from MKTG 306-494 (except MKTG 403) (Refer to Course Descriptions.)
- BAIS 329 - Data Mining can be used.

## Electives:

- 3 hours of business electives (business co-op can be included here via MKTG 303 or MKTG 403).

## Note(s):

- A 2.000 cumulative average must be attained in these marketing courses.
- The student must earn a grade of "C" or better in MKTG 300 to advance to upper level marketing courses.
- MKTG 495 - prerequisites: successful completion of 9 hours of Marketing course work (above 300) - MKTG 495 must be taken in the last semester.
- MKTG 302 - prerequisites: successful completion of STAT 211 (C- or better)

## B.S.B.A. Marketing

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- First Year Seminar-CORE 100 or THEO 111
- Mathematical Perspectives --MATH 140
- ENGL 101/115
- Second Language I <sup>4</sup>
- MKTG 300
- BUAD 101
- CORE 101

#### Second Semester

- THEO 111 or First-Year Seminar-CORE 100
- Second Language II <sup>4</sup>
- Historical Perspectives Elective
- Social Science Elective-ECON 200<sup>1</sup>
- BAIS 220
- BUAD 102
- CORE 102

### Sophomore Year

#### First Semester

- PHIL 100
- ECON 201
- ACCT 200
- BAIS 210
- MGMT 201 (Oral Communications & Writing Flag)
- BUAD 201

## Second Semester

- Scientific Perspectives/Natural Sciences ELEC <sup>2</sup>
- Philosophical Perspectives-PHIL 200
- ACCT 201
- MGMT 200 (DCR flag)
- BAIS 211
- BUAD 202

## Junior Year

### First Semester

- Humanities Elective<sup>3</sup>
- Creative Perspectives Elective
- FINC 300-(Quantitative Reasoning Flag)
- MKTG Elective 1
- MKTG 370-Consumer Behavior
- BUAD 301

### Second Semester

- Theological Perspectives Elective
- ENGL 205
- MKTG 302
- MKTG Elective 2
- General Elective 1\*
- BUAD 302

## Senior Year

### First Semester

- Natural Science ELEC or Scientific Perspectives<sup>2</sup>
- MKTG Elective 3
- MKTG Elective 4
- ECON 300
- Business Elective or Internship for Credit
- BUAD 401

### Second Semester

- MGMT 302
- Business Core Capstone
- MKTG 495-Marketing Planning and Analysis
- BLAW 300 (ERS flag)
- General Elective 2\*
- CORE 499
- BUAD 402

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours. Major is 21 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but **must include at least 3 hours** of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All flags are included in business core curriculum
- \*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores

## Bachelor of Science in Nursing

### Nursing - Accelerated (ABSN), B.S.N.

The Accelerated Bachelor of Science in Nursing (ABSN) program is for individuals who have bachelor degrees in other fields and wish to become registered nurses. This program builds upon the current BSN degree program which is fully approved by the Commission Collegiate on Nursing Education (CCNE) and approved by the Ohio Board of Nursing. Admission to the ABSN program will follow the successful completion of a bachelor's degree from an accredited program. For more information, see <https://acceleratednursing.xavier.edu/>.

The following four program objectives guide the ABSN program: 1. Demonstrate scholarship through critical thinking vital to professional judgement and ethical/moral decision making; 2. Exemplify service by valuing the dignity and worth of each person while providing thoughtful, compassionate and competent professional care with clients in transition; 3. Demonstrate leadership by coordinating, delegating, collaborating and maintaining collegial relationships with other members of the interdisciplinary health care team to promote the health and welfare of clients; and, 4. Value personal and professional growth through involvement in professional activities and by assuming responsibility for professional competence and continuing education.

The 63 credit hour curricula for the ABSN program is sequentially and logically structured to achieve expected individual and aggregate student outcomes related to program objectives. Didactic content is applied to health care delivery in eight (8) practicum courses over program. Practicums are started in the first semester. Content becomes more complex with each succeeding semester. Students are gradually placed in more complex health care environments within the community (i.e. schools, nursing homes, hospitals, rehabilitation centers and home health) and end their course of practicum study with an immersion experience. Successful completion of objectives for individual courses within the nursing major at each level provides the knowledge and skills necessary for a smooth transition to the next level. Upon completion of the program, students will have provided nursing care to individuals across the life span with diverse cultural backgrounds. The combined course work promotes student achievement of program objectives.

## Admission Criteria

Applicants must have bachelor degrees from accredited programs with a GPA of 2.7 or better. Students must also complete Anatomy and Physiology and Microbiology pre-requisite courses.

## Major Requirements

- NURS 100 - Survey of Professional Nursing
- NURS 110 - Health, Culture and Diversity
- NURS 200 - Foundations of Nsg Practice I
- NURS 201 - Found of Nurs Prac I Practicum
- NURS 202 - Foundations of Nsg II
- NURS 203 - Found of Nurs Pra II Practicum
- NURS 260 - Pathophysiology I
- NURS 261 - Pathophysiology II
- NURS 270 - Pharmacology I
- NURS 271 - Pharmacology II

- NURS 300 - Nrsng Concepts Mental Hlth I
- NURS 301 - Nrsng Ccpts Ment Hlth I Pract
- NURS 302 - Nrsng Concepts Mental Hlth II
- NURS 303 - Nrsng Ccpts Ment Hlth II Pract
- NURS 330 - Nursing Research
- NURS 340 - Obstetric Womens Health
- NURS 341 - OB Womens Health Pract
- NURS 342 - Pediatric Nursing
- NURS 343 - Pediatric Nursing Pract
- NURS 350 - Nursing Care of the Adult I
- NURS 351 - Nursg Care Adult I Pract
- NURS 352 - Nursing Care of the Adult II
- NURS 353 - Nrsng Care of the Adult 2 Pract
- NURS 354 - Nursing Care of the Adult 3
- NURS 355 - Nrsng Care of the Adult 3 Pract
- NURS 430 - Community Health 1
- NURS 431 - Community Health I Pract
- NURS 432 - Community Health 2
- NURS 433 - Comm Health 2 Practicum
- NURS 480 - Nurs Care of Complex Client I
- NURS 481 - Nurs Care Comp Client 1 Prac
- NURS 482 - Nurs Care of Complex Client 2
- NURS 483 - Nurs Care Comp Client 2 Pract
- NURS 499 - Transition to Prof Nurs

## Course Sequence

Each semester is 2 terms. Each term is 8 weeks in length. The entire course of study is 63 credits taught over four semesters.

### First Semester

Total Hours (15)

#### Term 1

- NURS 100 Survey of Professional Nursing
- NURS 200 Foundations of Nursing Practice 1
- NURS 201 Foundations of Nursing Practice 1 Practicum

Total (7)

#### Term 2

- NURS 110 Health, Culture, and Diversity
- NURS 202 Foundations of Nursing Practice 2
- NURS 203 Foundations of Nursing Practice 2 Practicum

Total (8)

### Second Semester

Total Hours (15)

#### Term 3

- NURS 260 Pathophysiology I
- NURS 270 Pharmacology I
- NURS 300 Nursing Concepts in Mental Health I
- NURS 301 Nursing Concepts in Mental Health I Practicum

Total (6)

## Term 4

- NURS 261 Pathophysiology II
- NURS 271 Pharmacology II
- NURS 350 Nursing Care of the Adult I
- NURS 351 Nursing Care of the Adult I Practicum
- NURS 302 Nursing Concepts in Mental Health II
- NURS 303 Nursing Concepts in Mental Health II Practicum

Total (9)

## Third Semester

Total Hours (17)

## Term 5

- NURS 352 Nursing Care of the Adult II
- NURS 353 Nursing Care of the Adult II Practicum
- NURS 340 Obstetric/Women's Health Nursing
- NURS 341 Obstetric/Women's Health Nursing Practicum
- NURS 330 Research

Total (10)

## Term 6

- NURS 354 Nursing Care of the Adult III
- NURS 355 Nursing Care of the Adult III Practicum
- NURS 342 Pediatric Nursing
- NURS 343 Pediatric Nursing Practicum

Total (7)

## Fourth Semester

Total Hours (16)

## Term 7

- NURS 480 Nursing Care of the Complex Client I
- NURS 481 Nursing Care of the Complex Client Practicum I
- NURS 430 Nursing Concepts in Community Health I
- NURS 431 Nursing Concepts in Community Health Practicum I

Total (7)

## Term 8



- NURS 482 Nursing Care of the Complex Client II
- NURS 483 Nursing Care of the Complex Client Practicum II
- NURS 432 Nursing Concepts in Community Health II
- NURS 433 Nursing Concepts in Community Health Practicum II
- NURS 499 Transition to Professional Nursing

Total (9)

## Nursing, B.S.N.

The Bachelor of Science in Nursing program is designed for the student who is interested in becoming a professional registered nurse. The graduate is prepared as a generalist to meet the health care needs of diverse populations across the lifespan in an ever-changing, highly technical health care environment. The program is focused on an holistic health and wellness model and educates nurses in the skills of communication, coordination and cooperation with an interprofessional team of health care providers in a variety of settings. Teaching is enhanced by state-of-the-art clinical simulation laboratories and interprofessional learning opportunities.

Students are able to complete a program of study leading to the degree of Bachelor of Science in Nursing (BSN) in one of two tracks: the traditional, four-year track for students with no previous baccalaureate degree or the Accelerated Bachelor of Science in Nursing (ABSN) which is designed for individuals with a baccalaureate degree in other disciplines. All students meet the four program outcomes of scholarship, leadership, service and professional and personal development.

### BSN Traditional Track

The four-year pre-licensure program requires 126 credits for graduation. Xavier's core curriculum requirements complement the innovative nursing curriculum. This well-rounded approach to education enables students to develop critical thinking and communication skills - two qualities essential in today's unpredictable and increasingly complex health care environment.

The BSN traditional track is a selective admission program. Go to: <http://www.xavier.edu/undergraduate-admission/Admission-Process.cfm> to review admission requirements specific to nursing.

## Course Requirements

The 4 year BSN degree program requires undergraduate core curriculum courses, 62 credit hours of nursing courses, additional science courses, one additional math course and one additional social studies course. 120 credit hours are required for a bachelor's degree from Xavier University but due to the additional requirements for nursing major, 126 credit hours are required for the Bachelor of Science in Nursing..

## B.S. in Nursing

This sample course sequence serves as a guideline for progress toward a degree. Seek guidance from your academic advisor.

## Freshman Year

### First Semester

- BIOL 140 Human Anat. & Physiology I
- BIOL 141 Human Anatomy and Physiology I Lab
- Second Language I
- SOCI 101 Intro to Soc. OR SOCW 167 Survey of SW
- CORE 100 First Yr. Seminar or THEO 111 Theo. Found.
- CORE 101 First Yr. Co-Curriculum Program I.
- PHIL 100 Ethics as Intro to Philosophy

Total (16)

### Second Semester

- BIOL 142 Human Anat. & Physiology II
- BIOL 143 Human Anatomy and Physiology II Lab
- Second Language II
- ENGL 101 Composition or ENGL 115 Rhetoric
- CORE 100 First Yr. Seminar or THEO 111 Theo. Found.
- CORE 102 First Yr. Co-Curriculum Program II
- NURS 130 Intro to Nursing (both semesters/split)

Total (16)

## Sophomore Year

### First Semester

- CHEM 150 Physiological Chemistry
- CHEM 151 Physiological Chemistry Lab
- NURS 364 Pathophysiology
- NURS 266 Pharmacology
- NURS 226 Nursing Communication & Assessment
- NURS 227 Nursing Communication & Assessment Practicum

Total (14)

### Second Semester

- Engl/Clas/Span/Fren 205 Lit. & Moral Imagination
- BIOL 200 Microbiology
- BIOL 201 Microbiology Lab
- Historical Perspectives Elective
- NURS 232 Nursing Fundamentals
- NURS 233 Nursing Fundamentals Practicum

Total (16)

## Junior Year

### First Semester

- Theological Perspectives Elective
- Math Perspectives: MATH 116 or 156 (Statistics)
- NURS 362 Adults in Transitions I
- NURS 363 Adults in Transitions I Practicum
- NURS 384 Childbearing Health Transitions
- NURS 383 Childbearing Health Transitions Practicum

Total (16)

### Second Semester

- PSYC 277 - Psychological Disorders
- NURS 370 Nursing Research (Prereq: statistics)
- NURS 382 Health Transitions in Children and Families
- NURS 381 Health Transitions in Child/Families Practicum
- NURS 366 Adults in Transitions II
- NURS 367 Adults in Transitions II Practicum

Total (16)

## Senior Year

### First Semester

- Humanities Elective
- NURS 452 Mental Health Nursing
- NURS 451 Mental Health Nursing Practicum
- NURS 470 Community/Public Health Nursing
- NURS 471 Community/Public Health Nursing Practicum
- PHIL 200 - Philosophical Perspectives

Total (15)

### Second Semester

- NURS 472 Care of the Complex Client
- NURS 473 Care of Complex Client Practicum
- NURS 498 Senior Seminar
- Creative Perspectives Elective
- Nursing Elective

Total (17)

## Scheduling Notes:

- In addition to the University core curriculum requirements, all students must satisfy the 5 flags. The 5 flags include: Diversity (NURS 132 fulfills), E/RS\*, Oral Communication (NURS 130 fulfills), Quantitative Reasoning (CHEM 150, 151 fulfills), Writing (NURS 370 fulfills). \*Nursing students may be able to fulfill the remaining E/RS flag by selecting a Theological Perspectives courses that is also approved as E/RS flag.
- Humanities elective may be satisfied by 1 course from the following: All Classics except 205; ENGL 121+ except 205; FREN 300+, GERM 300+, HIST 200+, PHIL 300+, THEO 300+. Note: Humanities Elective may not double-count as an E/RS flag (though may be E/RS flagged course).
- No Theology course may double-count for both Theological Perspectives and Humanities Elective.
- Each practicum credit is equal to three (3) clock hours per week.
- The nursing elective may also be taken any time after the completion of all 200 level nursing courses.

## Progression Notes:

- A minimum grade of "C" is required in all nursing courses and in science, math and social science courses.
- A cumulative GPA of 2.700 is required to progress to sophomore level and must be maintained throughout the program.

## Bachelor of Social Work

### Social Work, B.S.W.

"I want to help people." This is the quest most commonly identified by students declaring social work as a major. For those with a strong desire to promote social justice and improve the collective well-being of individuals, families, groups, organizations, and communities, social work is a profession with both educational and licensure requirements. Social workers are licensed professionals helping both individual people and society with complex interpersonal and social problems

Social Work at Xavier is a four-year undergraduate program grounded in the liberal arts which grants the student a bachelor of social work (BSW) degree and has been accredited continuously for over thirty five years by the Council on Social Work Education.

In order to graduate students who are prepared for beginning level social work generalist practice as well as for graduate school, the following five goals of the Social Work program are linked to the student learning outcomes of the University.

- **Critical Thinking & Research:** students will apply critical thinking skills in order to engage as a consumer and producer in research informed practice and practice informed research.
- **Practice as a Professional:** students will identify as professional generalist practitioner and become leaders engaging, assessing, intervening, and evaluating client systems at all levels, with an understanding of interprofessional practice.
- **Ethics & Values:** students will be able to engage in a decision making process based on the ethical principles of social work and identifying personal and professional values that play a role in that process.
- **Policy & Social Justice:** students will be able to engage in analysis and action regarding policy and practice standards that are informed by knowledge of institutional discrimination, oppression, and privilege and that advance social justice for all
- **Human Behavior & Diversity:** students will be able to utilize social work cultural competency standards and theories of human behavior grounded in person-in-environment perspective, including bio-psycho-social-spiritual assessment.

Social work majors primarily complete their university core curriculum requirements during freshman and sophomore years, including four courses required by the major that are taught outside of the department. Most required social work courses are upper level courses taught inside the department during junior and senior years.

To be an effective beginning level generalist practitioner, social work majors must acquire knowledge of social work theory and develop skills as a practitioner under professional supervision. During both semesters of the senior year, students are engaged 16 hours per week in a supervised Field Placement agency setting. During spring semester of the junior year, the Director for Field Education guides students through an extensive matching process to choose their Field Placement site.

Social Work licensure requirements vary by state. To determine the licensure requirement for each state, see [www.aswb.org](http://www.aswb.org). In many states, including Ohio, students graduating with a BSW can take the licensure exam to be a Licensed Social Worker. In Ohio, the licensure exam can be taken in spring of the senior year to prepare for employment upon graduation.

Social workers who have graduated from an accredited BSW program like Xavier's may be eligible for advanced standing admission to graduate-level MSW programs. Through advanced standing, social work graduate students can often complete their graduate degree in only one year.

## Academic Performance Policy

### Declaring the Major

Students may declare Social Work as a major as incoming freshmen or thereafter during their careers at Xavier as long as they are in good academic standing in the university and have a gpa of 2.5 or higher).

- The first step is to meet with the chair of the department.
- After that, the official change of major through the registrar's office will be initiated by the department administrative assistant.
- Students will then be assigned an Academic Advisor within the Social Work Department, and are required to meet with their Academic Advisor each semester to ensure completion of the required curriculum.
- All students declaring social work as a major enter the major at provisional status.
- In the junior year, social work majors must have achieved a 2.5 GPA to be eligible to complete the Field Placement Petition process in spring in order to enter field placement in fall of the senior year.
  - Social work majors should begin their junior year with a minimum 2.5 GPA in the major as determined by the registrar (for a minimum of 3 SOCW courses taken at Xavier University).
  - Those who have achieved a minimum August 2.5 GPA will be granted full acceptance into the major during fall semester of the junior year.
  - Those who either have not yet achieved a minimum August 2.5 GPA or who have not yet completed 3 SOCW courses at Xavier University will be placed on provisional status as a major and have one semester, the fall semester of junior year, to meet this December GPA requirement.

### Admission & Academic Performance Policy

1. Students must be in good academic standing at the university and have a GPA of 2.5 or higher to be accepted as a social work major.
2. Social work course credit is not granted for life experiences or previous work experience.
3. A minimum GPA of 2.5 in the major is required to graduate with a BSW degree.
  1. This GPA is based on the 53 required social work credit hours plus the 9 credits of electives.
  2. It does not include the 12 CR of coursework required outside the department: intro to sociology, intro to psychology, human biology, and statistics.
4. All students declaring social work as a major enter the major at provisional status.
5. In the junior year, social work majors must have achieved a 2.5 GPA to be eligible to complete the Field Placement Petition process in spring in order to enter field placement in fall of the senior year.
  1. Social work majors should begin their junior year with a minimum 2.5 GPA in the major as determined by the registrar (for a minimum of 3 SOCW courses taken at Xavier University).
  2. Those who have achieved a minimum August 2.5 GPA will be granted full acceptance into the major during fall semester of the junior year.
  3. Those who either have not yet achieved a minimum August 2.5 GPA or who have not yet completed 3 SOCW courses at Xavier University will be placed on provisional status as a major and have one semester, the fall semester of junior year, to meet this GPA requirement.
  4. A student may appeal the 2.5 GPA policy by submitting the request in writing to the department. The department has the right to deny or grant any such request.

6. The social work department has a "C or better" grade policy for all courses required by the major. If a student receives a letter grade below a "C" , meaning a "C-" or below, in a course required by the social work major, the student must repeat the course.
  1. This policy applies to all SOCW courses and those required courses taught outside the department. (listed in italics in the social work handbook/advising checklist)
  2. This policy DOES NOT apply to courses fulfilling the required 9 CR of social work electives.
  3. A student may appeal the "C or better" grade policy by submitting the request in writing to the department. The department has the right to deny or grant any such request.
7. Students fully accepted as a major with a minimum 2.5 GPA whose GPA in the major drops below 2.5 have one semester of probationary status and one semester only to return to a minimum 2.5. Students unable to do so will no longer be able to declare social work as a major.

### **Termination from Social Work Major**

The Social Work Department at Xavier University is interested in promoting professionalism in social work. The termination process of the Department is designed to ensure that individuals who do not meet the expectations for entry level social work do not graduate with a social work degree.

- Prior to termination, the student will be provided with verbal and written notification of an impending action.
- An interview with the Chairperson and/or Director for Field Education will be scheduled with the student to discuss alternate options to termination.
- If an option other than termination is viable, a contract will be negotiated between the Chairperson and the student specifying steps to be taken toward resolution with a time limit for the accomplishment of the plan.
- A final interview with the Chairperson will be scheduled to determine if the steps in the contract have been successfully accomplished.
- The Chairperson may re-negotiate the contract as needed.
- Students who are terminated from the major are notified in writing of the decision.

Students may be terminated from the social work major for both academic and/or professional performance issues. Students may be terminated from the major any time after declaration of the major. To terminate a student from the major is a serious decision that is made collectively by the social work faculty. These reasons may include, but are not limited to:

### **Reasons for Termination:**

1. Failure to meet or maintain academic grade point requirements as established by the University.
2. Academic plagiarism in any social work course.
3. Failure to meet academic requirements of the program.
4. Violation of the NASW Code of Ethics.

## Requirements for the Social Work Major

### Undergraduate Core Curriculum requirements:

48-63 Credit Hours dependent on courses taken. See Undergraduate Core Curriculum

Courses taught outside the department required by the major that also meet core curriculum requirements.

### Mathematics:

- Take Statistics from either MATH 116 or MATH 156 and earn a grade of "C" or better; and take another math core class.

### Science:

- BIOL 102 and BIOL 132 and earn a grade of "C" or better;

### Social Sciences:

- PSYC 101 and SOCI 101 and earn a grade of "C" or better in each class.

## Major requirements:

53 credit hours, as follows; and 9 credit hours of electives, as needed for a total of 62 credit hours.

### Specific social work courses required, take:

- SOCW 167 - Survey of Society Social Work
- SOCW 206 - Intro to Gender & Diversity St
- SOCW 208 - Economics of Society
- SOCW 299 - Child Welfare and Development
- SOCW 300 - Adolescence - Older Adulthood
- SOCW 315 - Values, Human Rights, Advocacy
- SOCW 316 - Soc Policy & Contemporary Issu
  
- SOCW 352 - Research Methodology
  
- SOCW 392 - Practice I: Individuals
- SOCW 393 - Practice II: Groups & Families
- SOCW 394 - Practice III: Comm & Org
- SOCW 404 - Rel/Ethics & Profession Pract
- SOCW 417 - Social Work Field Instruction
- SOCW 418 - Social Work Field Instruction
- SOCW 419 - Social Work Seminar
- SOCW 420 - Social Work Seminar

### Social Work Electives

9 credit hours as follows:

- Minimum of nine hours in related divisional work as specified in the Support Core (or other courses approved by the department chair),
  
- CJUS 101 - Intro to Criminal Justice
- CJUS 260 - Current Issues in Crim Justice
- CJUS 321 - Juvenile Justice
- CJUS 335 - Inside-Out Prison Exchange
- COMM 101 - Oral Communication
- COMM 209 - Group Dynamics
- POLI 140 - American Government and Politi
- POLI 301 - Political Philosophy
- PSYC 261 - Social Psychology
  
- SOCW 261 - Social Psychology
- PSYC 277 - Psychological Disorders
- SOCW 318 - Trends in Modern Soc: Race Rel
- SOCW 325 - Gender Identity & Intersection
- SOCW 402 - Child Maltreatment & Fam Viol
- SOCW 444 - Addictive Behaviors
- PSYC 367 - Psychology of Aging

### Additional Major requirements:

- In order to enter field education courses, the student must complete the petition for acceptance into field education, and receive approval for entrance into field by the department.
- Other policies for Social Work majors are located in the departmental student handbook.
- A grade of "C" or better must be attained in each course required for the social work major, including the nine hours of social work electives.
- Exceptions to this requirement may be granted following petition to the department.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

# B.S.W. Social Work

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language I
- CORE 100 - First Year Seminar
- CORE 101 - First Year Co-Curricular Program I
- SOCW 167 - Survey of Society Social Work (fulfills core Diversity Curriculum Requirement)

Total (15)

### Second Semester

- THEO 111 - Theological Foundations
- Second Language II
- SOCI 101 - Introduction to Sociology or PSYC 101 - General Psychology or PSYC 130/131 - Psychology Science Perspective/Lab
- Creative Perspectives Elective
- Historical Perspectives
- CORE 102 - First Year Co-Curricular Program II

Total (15)

## Sophomore Year

### First Semester

- SOCW 299 - Child Welfare and Development (fulfills core curriculum Social Science Requirement)
- SOCW 206 - Intro to Gender & Diversity Studies
- PHIL 200 - Philosophical Perspectives
- Scientific Perspectives Elective
- CLAS 205 - Classical Lit & Moral Imagination or ENGL 205 - Literature & Moral Imagination or SPAN 205 - Hispanic Lit & Moral Imagination

Total (15)

### Second Semester

- SOCW 300 - Adolescence - Older Adulthood
- BIOL 102/132 - Life: Human Biology/Lab (fulfills core curriculum Natural Science Requirement) or BIOL 106/107 - Biology of Aging/Lab
- SOCW 208 - Economics of Society
- Humanities Elective
- Oral Communication Elective

Total (15)

## Junior Year

### First Semester

- PSYC 101 - General Psychology or SOCI 101 - Introduction to Sociology
- SOCW 392 - Practice I: Individuals
- Upper Level Diversity Course
- SOCW 315 - Values, Poverty and Society <sup>+</sup>
- SOCW 321 - Communication Skills

Total (15)

### Second Semester

- MATH 166 - Elementary Stats
- SOCW 393 - Practice II: Groups & Families
- SOCW 316 - Soc Policy & Contemporary Issu
- SOCW Elective
- Quantitative Reasoning Elective

Total (15)

## Senior Year

### First Semester

- SOCW 417 - Social Work Field Instruction
- SOCW 419 - Social Work Seminar
- SOCW 352 - Research Methodology
- SOCW 394 - Practice III: Comm & Org
- General Elective

Total (15)

### Second Semester

- SOCW 418 - Social Work Field Instruction
- SOCW 420 - Social Work Seminar
- SOCW Elective or Writing Intensive Elective
- SOCW 425 - Research Methods II
- SOCW 404 - Rel/Ethics & Profession Pract

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.



- + Several courses offered by the social work department fulfill the fourth societal focus course in the Core Curriculum's Ethics/Religion and Society (E/RS) Focus: SOCW 315 Values, Human Rights, Advocacy; SOCW 404 Rel/Ethics & Profession Pract; and SOCW 206 - Intro to Gender and Diversity Studies

## **Associate of Arts**

### **English, A.A.**

#### **Core Curriculum Requirements:**

See Undergraduate Core Curriculum

#### **Concentration Requirements:**

15 credit hours, as follows:

6 hours from:

- ENGL 115 - Rhetoric
- ENGL 221 - Poetry

9 hours of upper-level electives:

- ENGL 300-498 (Refer to Course Descriptions), including one course each in British literature and American literature.

#### **Note(s):**

- A 2.000 cumulative average must be attained in the English courses.

## **Requirements for all Associate's Degrees**

See Requirements for Degrees, Majors, Minors, and Certificates

### **French, A.A.**

The Department of Classics and Modern Languages offers an Associate of Arts degree in French, German, and Spanish.

# French/German/Spanish A.A. Requirements

The Department of Modern Languages offers the Associate of Arts degree in French, German, or Spanish.

## Requirements for the Associate of Arts in French, German, or Spanish

This Associate of Arts degree requires a minimum of 60 credit hours including 31 credit hours of Core Curriculum Requirements and a minimum of 15 credit hours of Concentration Requirements,

### Core Curriculum Requirements:

See Undergraduate Core Curriculum for details.

### Concentration Requirements: 15 hours minimum from either French, German, or Spanish

- Up to nine additional credit hours of lower division language courses may be required as determined by the placement test.
- All courses must be taught in the foreign language to count toward the concentration.
- A 2.5 cumulative grade-point average must be attained in all concentration courses.

### French

FREN 202-498. See Course Descriptions

### German

GERM 202-498. See Course Descriptions

### Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II
  
- SPAN 328 - Phonetics and Dialectology

3 hours of culture from:

- SPAN 350-352 (Refer to Course Descriptions ).

6 hours of electives from:

- SPAN 302-498 (Refer to Course Descriptions ).

TOTAL for A.A. DEGREE: 60 Credit Hours

## Requirements for Associate Degrees in French/German/Spanish

Meeting degree requirements is the student's responsibility.

Candidates for associate degrees must have:

1. completed the appropriate requirements listed under the Core Curriculum - Associate's Degrees;
2. attained a 2.5 average in the course work of the concentration;
3. attained a cumulative grade point average of 2.000;
4. earned at least 60 hours;
5. completed the last 30 hours at Xavier, excluding consortium courses, unless waived by college dean;
6. transferred, normally, no more than 9 hours from another college or university toward a degree after matriculation at Xavier;
7. filed a formal graduation application by the deadline published for each semester;
8. completed all departmental requirements in the concentration field and all requirements of the college;
9. cleared all financial obligations to the University before the diploma and transcripts can be released.

In addition to the above, transfer students must have:

10. completed at least one-half of the course requirements of the concentration at Xavier.

## **German, A.A.**

The Department of Classics and Modern Languages offers an Associate of Arts degree in French, German, and Spanish.

## **French/German/Spanish A.A. Requirements**

The Department of Modern Languages offers the Associate of Arts degree in French, German, or Spanish.

## **Requirements for the Associate of Arts in French, German, or Spanish**

This Associate of Arts degree requires a minimum of 60 credit hours including 31 credit hours of Core Curriculum Requirements and a minimum of 15 credit hours of Concentration Requirements,

### **Core Curriculum Requirements:**

See Undergraduate Core Curriculum for details.

### **Concentration Requirements: 15 hours minimum from either French, German, or Spanish**

- Up to nine additional credit hours of lower division language courses may be required as determined by the placement test.
- All courses must be taught in the foreign language to count toward the concentration.
- A 2.5 cumulative grade-point average must be attained in all concentration courses.

### **French**

FREN 202-498. See Course Descriptions

### **German**

GERM 202-498. See Course Descriptions

### **Spanish**

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II
- SPAN 328 - Phonetics and Dialectology

3 hours of culture from:

- SPAN 350-352 (Refer to Course Descriptions ).

6 hours of electives from:

- SPAN 302-498 (Refer to Course Descriptions ).

TOTAL for A.A. DEGREE: 60 Credit Hours

## Requirements for Associate Degrees in French/German/Spanish

Meeting degree requirements is the student's responsibility.

Candidates for associate degrees must have:

1. completed the appropriate requirements listed under the Core Curriculum - Associate's Degrees;
2. attained a 2.5 average in the course work of the concentration;
3. attained a cumulative grade point average of 2.000;
4. earned at least 60 hours;
5. completed the last 30 hours at Xavier, excluding consortium courses, unless waived by college dean;
6. transferred, normally, no more than 9 hours from another college or university toward a degree after matriculation at Xavier;
7. filed a formal graduation application by the deadline published for each semester;
8. completed all departmental requirements in the concentration field and all requirements of the college;
9. cleared all financial obligations to the University before the diploma and transcripts can be released.

In addition to the above, transfer students must have:

10. completed at least one-half of the course requirements of the concentration at Xavier.

## History, A.A.

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Concentration Requirements:

15 credit hours, as follows:

3 hours of history courses from:

- HIST 134 - European History II or
- HIST 144 - U.S. History II continuation of core course.

12 hours of electives chosen from:

- HIST 200-399 (Refer to Course Descriptions.)

### Note(s):

- A 2.000 cumulative average must be attained in these courses for the history concentration.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

### **Liberal Arts, A.A.**

This 60 hour program is designed for adult students who are interested in taking courses in several disciplines. The upper division studies requirement allows students to design their degrees through flexibility in course selection. This degree is offered by the College of Arts and Sciences and is available to students who have graduated from high school not less than four years prior to the date of acceptance into the program.

### Requirements for the Associate of Arts in Liberal Arts:

#### Core Curriculum Requirements:

- See Undergraduate Core Curriculum

#### Upper Division Studies Requirement:

- 20 hours of upper division coursework

### Note(s):

- A minimum of 60 credit hours is required for the degree.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

### **Political Science, A.A.**

#### Core Curriculum Requirements:

## Concentration Requirements:

15 credit hours, as follows

9 hours of political science courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 140 - American Government and Politi
- POLI 277 - International Relations

3 hours from a choice of either:

- POLI 301 - Political Philosophy
- POLI 350 - Political Theory & Amer Polity

3 hours for an elective from:

- POLI 200-490 (Refer to Course Descriptions.)

## Note(s):

- A 2.000 cumulative average must be attained in these political science courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## **Sociology, A.A.**

Core curriculum requirements:

## Concentration Requirements:

15 credit hours, as follows

### 3 hours of elective course from:

- SOCI 200-499 (Refer to Course Descriptions.)

### 12 hours of sociology courses from:

- SOCI 101 - Introduction to Sociology
- SOCI 180 - Culture & Society
- SOCI 352 - Investigating Social Life I

### Note(s):

- A 2.000 cumulative average must be attained in the sociology courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## **Spanish, A.A.**

The Department of Classics and Modern Languages offers an Associate of Arts degree in French, German, and Spanish.

## French/German/Spanish A.A. Requirements

The Department of Modern Languages offers the Associate of Arts degree in French, German, or Spanish.

## Requirements for the Associate of Arts in French, German, or Spanish

This Associate of Arts degree requires a minimum of 60 credit hours including 31 credit hours of Core Curriculum Requirements and a minimum of 15 credit hours of Concentration Requirements,

### Core Curriculum Requirements:

See Undergraduate Core Curriculum for details.

Concentration Requirements: 15 hours minimum from either French, German, or Spanish

- Up to nine additional credit hours of lower division language courses may be required as determined by the placement test.
- All courses must be taught in the foreign language to count toward the concentration.
- A 2.5 cumulative grade-point average must be attained in all concentration courses.

## French

FREN 202-498. See Course Descriptions

## German

GERM 202-498. See Course Descriptions

## Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II
- SPAN 328 - Phonetics and Dialectology

3 hours of culture from:

- SPAN 350-352 (Refer to Course Descriptions ).

6 hours of electives from:

- SPAN 302-498 (Refer to Course Descriptions ).

**TOTAL for A.A. DEGREE: 60 Credit Hours**

## Requirements for Associate Degrees in French/German/Spanish

Meeting degree requirements is the student's responsibility.

Candidates for associate degrees must have:

1. completed the appropriate requirements listed under the Core Curriculum - Associate's Degrees;
2. attained a 2.5 average in the course work of the concentration;
3. attained a cumulative grade point average of 2.000;
4. earned at least 60 hours;
5. completed the last 30 hours at Xavier, excluding consortium courses, unless waived by college dean;
6. transferred, normally, no more than 9 hours from another college or university toward a degree after matriculation at Xavier;
7. filed a formal graduation application by the deadline published for each semester;
8. completed all departmental requirements in the concentration field and all requirements of the college;
9. cleared all financial obligations to the University before the diploma and transcripts can be released.

In addition to the above, transfer students must have:

10. completed at least one-half of the course requirements of the concentration at Xavier.

## **Theology, A.A.**

### Core Curriculum Requirements:



See Undergraduate Core Curriculum

## Concentration Requirements:

18 total credit hours, as follows:

6 hours of upper division electives from:

- THEO 201-499 (Refer to Course Descriptions.)

12 hours of required theology courses from:

- THEO 111 - Theological Foundations
- THEO 209 - Exploring the Christian Past I or
- THEO 210 - Exploring Christian Past II
- THEO 328 - Intro to Christian Scriptures or
- THEO 351 - Intro to Hebrew Scriptures
- THEO 303 - Christian Ethics: Methods & Q

## Note(s):

- A 2.000 cumulative average must be attained in these theology courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## Associate of Business Administration

### General Business, A.B.A.

**This program is not currently accepting students.**

The Associate of Business Administration Degree in General Business requires 65 semester hours. The student must complete at least 30 hours at Xavier University, including at least 15 hours of required business courses. The program is divided between general University core requirements and business courses. This associate degree is intended as a stepping stone toward the bachelor's degree.

# Requirements for the Associate of Business Administration

## University Core Requirements:

See Undergraduate Core Curriculum

## Business Courses:

35 hours

- ACCT 200 - Introductory Financial Acct
- ACCT 201 - Introductory Managerial Acct
- BLAW 300 - Legal Environment
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- FINC 300 - Business Finance
- MKTG 300 - Principles of Marketing
- MGMT 300 - Managerial Behavior
- MGMT 301 - Managerial Communications
- SHRM 200 - Human Resources In a Diverse S (fulfills Cultural Diversity Elective)

## Note(s):

- A 2.000 cumulative average must be attained in these business courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## **Associate of Science**

## **Corrections, A.S.**

## Undergraduate core curriculum requirements:

See Undergraduate Core Curriculum

## Concentration requirements:

18 credit hours, as follows:

15 hours of corrections courses from:

- CJUS 101 - Intro to Criminal Justice
- CJUS 230 - Legal Aspects of Corrections
- CJUS 243 - Correctional Counseling & Comm
- CJUS 321 - Juvenile Justice

3 additional hours must be selected from either:

- CJUS 103 - Intro to Corrections or
- CJUS 364 - Overview of Contemp Correction

Note(s):

- A 2.000 cumulative average must be attained in these corrections courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## **Criminal Justice, A.S.**

### Undergraduate Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Concentration requirements:

15 credit hours, as follows:

12 hours of criminal justice courses from:

- CJUS 101 - Intro to Criminal Justice
- CJUS 210 - Basic Const Law & Amer Justice
- CJUS 260 - Current Issues in Crim Justice
- CJUS 321 - Juvenile Justice

3 hours of electives chosen from:

- CJUS 102 - Intro to Law Enforcement
- CJUS 243 - Correctional Counseling & Comm
- CJUS 364 - Overview of Contemp Correction

## Note(s):

- A 2.000 cumulative average must be attained in these criminal justice courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## Early Childhood Education, A.S.

Candidate can receive an American Montessori Society Associate Early Childhood Credential

## American Montessori Credential for Early Childhood Requirements for the Associate Degree in Early Childhood Education

## Undergraduate core curriculum requirements:

Undergraduate Core Curriculum

## Courses

- EDSP 205 - Foundations in ECSPED
- EDME 350 - Observation/Assessment Methods
- EDME 351 - Montessori Ed: Phil Approach
- EDME 359 - Community & Advocacy in Educ
- EDME 364 - Early Childhood/Mont Meth
- EDME 366 - Mont Curr Des&Te Strat I:Ea Ch
- EDME 367 - Mont Curr Des&Te Strat II:Ea C
- EDME 376 - Phonics Skills for Early Chldh
- EDME 377 - Early Childhood Math & Science
- EDME 473 - Mont Early Childhood Pract I
- EDME 474 - Mont Early Childhood Pract II
- EDME 363 - Human Development or
- EDFD 110 - Advanced Human Development

## Student Teaching Year

## Note(s):

- This program may be applied to a four year degree program.

## Requirements for all Associate's Degrees

## **Psychology, A.S.**

Undergraduate core curriculum requirements:

Undergraduate Core Curriculum

Concentration requirements:

15 credit hours, as follows:

3 hours required from:

- PSYC 101 - General Psychology

12 hours of electives from:

- PSYC 210 - Statistical Techniques
- PSYC 221 - Research Meth & Design I and
- PSYC 223 - Research Meth & Design I Lab
- PSYC 231 - Developmental Psychology
- PSYC 332 - Child Psychology or
- PSYC 367 - Psychology of Aging
- PSYC 261 - Social Psychology
- PSYC 366 - Crime & Personality
- PSYC 277 - Psychological Disorders
- PSYC 301 - History&Systems of Psychology
- PSYC 321 - Industrial-Organizational Psyc
- PSYC 379 - Test & Measures in Psych

Note(s):

- A 2.000 cumulative average must be attained in theses psychology courses.
- For more information on the associate degree, contact the School of Psychology.

Requirements for all Associate's Degrees

## **Master of Arts**

### **Clinical Mental Health Counseling, M.A.**

The Master of Arts degree with a concentration in Clinical Mental Health Counseling is a professional degree designed to meet the academic requirements for the Ohio Professional Counselor (PC) license. The Program is also accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). Accordingly, this degree is awarded to the candidate who has demonstrated a capacity for professional performance by satisfactorily completing the course of study. Students will learn the theory and practice of counseling and be able to apply counseling skills in a knowledgeable and skilled manner to areas such as appraisal, lifestyle and career development, counseling theory, group process, professional, and clinical issues.

### **Requirements for M.A. in Clinical Mental Health Counseling**

60 total credit hours are required.

The Clinical Mental Health Counseling Master of Arts Program requirements are divided into five groupings that will lead the student through a general sequence of academic experiences. Introductory courses are presented in Group I, with intermediate offerings available in Group II. Group III requirements should be attempted only after most of the Group I & II courses are completed. Group V requirements should be completed after Group IV courses.

#### **Group I (12 credit hours):**

- COUN 501 - Lifespan Development
- COUN 533 - Counseling Theories & Tech
- COUN 536 - Group Process
- COUN 636 - Career Counseling

#### **Group II (8 credit hours):**

- COUN 579 - Psychological & Achieve Test
- COUN 630 - Intro To Mental Health Coun
- COUN 631 - Counseling issues & Ethics
- COUN 640 - Family Relations

#### **Group III (9 credit hours):**

- COUN 509 - Counseling Research Methods
- COUN 638 - Cross Cultural Counseling
- COUN 669 - Pre Practicum/Coun Lab
- COUN 765 - Crisis Counseling

#### **Group IV (12 credit hours):**

- COUN 642 - Consultation and Supervision
- COUN 767 - Treating Addictive Disorders
- COUN 773 - Counseling Practicum

#### **Group V (19 credit hours)**

- COUN 671 - Clinical Counseling Internship
- COUN 760 - Personality & Abnormal Behav
- COUN 762 - Clinical & Person Assessment
- COUN 763 - Diagnosis of Psychopath
- COUN 764 - Counseling & Psychother
- COUN 766 - Intervention Skills

**TOTAL: 60 Semester Hours**

## **Clinical Mental Health Counseling, M.A.**

Please select one of the programs below:

Clinical Mental Health Counseling, M.A.

Clinical Mental Health Counseling, M.A. Dual Track Program

## **Clinical Mental Health Counseling, M.A. Dual Track Program**

Students who enroll in the dual track program will receive a Master of Arts degree in Clinical Mental Health Counseling. Having successfully completed the dual track program, the student will meet licensure requirement for both an Ohio School Counselor and an Ohio Licensed Clinical Counselor.

### **Curriculum:**

To meet state licensure and accreditation requirements, students will be required to take two 600 hour internships, one in clinical counseling in a clinical setting and one in school counseling in a K-12 school setting. Students will also need to complete additional coursework to meet the secondary license requirements.

### **Group I**

- COUN 501 - Lifespan Development
- COUN 533 - Counseling Theories & Tech
- COUN 536 - Group Process
- COUN 579 - Psychological & Achieve Test
- COUN 630 - Intro To Mental Health Coun
- COUN 636 - Career Counseling

### **Group II**

- COUN 509 - Counseling Research Methods
- COUN 631 - Counseling issues & Ethics
- COUN 638 - Cross Cultural Counseling
- COUN 640 - Family Relations
- COUN 669 - Pre Practicum/Coun Lab

### **Group III**

- COUN 642 - Consultation and Supervision
- COUN 765 - Crisis Counseling
- COUN 767 - Treating Addictive Disorders
- COUN 773 - Counseling Practicum

## Group IV

- COUN 671 - Clinical Counseling Internship
- COUN 760 - Personality & Abnormal Behav
- COUN 762 - Clinical & Person Assessment
- COUN 763 - Diagnosis of Psychopath
- COUN 764 - Counseling & Psychother
- COUN 766 - Intervention Skills

## Additional Courses Required

- COUN 537 - Intro To School Counseling
- COUN 538 - Adv School Counseling Practice
- COUN 502 - Introduction to College Coun
- EDSP 500 - Sp Ed: Identification & Issue
- COUN 670 - School Counseling Internship (1 credit hour per semester)

## English Education, M.A.

### Degree Requirements

30 total credit hours, as follows:

### M.A. Core Requirements

9 credit hours:

- EDFD 500 - History/Philosophy of Am Educ
- EDMS 506 - Statistics for Education Research
- EDMS 507 - Planning for Educational Research
- EDMS 508 - Research Paper

### Remaining Hours

The remaining 21 hours consist of 18 hours taken from graduate level courses in English and 3 semester hours of electives that may be taken from any graduate level course in either Education or cognate concentration. Of those 21 hours, a maximum of 12 semester hours of Xavier University undergraduate courses (numbered 200 or higher) taken at the graduate level, with an earned grade of at least a B may be applied to this program. Undergraduate credit earned at other institutions, while not allowed to count towards degree requirements, can be used for the purposes of licensure.

## Global TESOL, M.A.

**Program begins Summer 2024.**

The Master of Arts in Global Teaching of English to Speakers of Other Languages (TESOL) will offer graduate students from around the world a theoretical and practical approach to English learning. A 36-credit program, this asynchronous program is based on a two-year cohort model, which will run year-round, starting every other year. All



courses will be condensed, eight weeks in length, and run consecutively. The primary goal of the M.A. in Global TESOL is to develop a complex understanding of the multifaceted nature of global education, the intersecting systems behind it, and the role of global education practitioners in K-12 and higher education internationalization. Students from multiple countries can build partnerships globally as they participate in a cohort model. Licensed Ohio teachers will earn the TESOL endorsement during the program.

## Curriculum

### Required Courses

- EDTS 500- Evolution of Language/History of Literacy Education
- EDTS 501- Structure of Language and English Grammar
- EDTS 502- Sociolinguistics and Discourse Analysis
- EDTS 503- Linguistic Anthropology and the Study of English
- EDTS 504- Theory/Pedagogy of Second Language Acquisition
- EDTS 505- Methods of Teaching English
- EDTS 506- Curricular Context and Design
- EDTS 507- Methods of Assessments
- EDTS 508- Internship/Field Work
- EDTS 520- Masters Thesis - Research I
- EDTS 521- Masters Thesis - Research II

### Elective Courses

Choose one:

- EDTS 530- Politics of Language Education
- EDTS 531- Multilinguistic
- EDTS 532- Social Media and Language
- EDTS 533- Foundations of United States TESOL

## History Education, M.A.

### Degree Requirements

30 total credit hours, as follows:

#### M.A. Core Requirements

9 credit hours:

- EDFD 500 - History/Philosophy of Am Educ
- EDMS 506 - Statistics for Education Research
- EDMS 507 - Planning for Educational Research
- EDMS 508 - Research Paper

### Remaining Hours

The remaining 21 hours consist of 18 hours taken from graduate level courses in History and 3 semester hours of electives that may be taken from any graduate level course in either Education or cognate concentration. Of those 21 hours, a maximum of 12 semester hours of Xavier University undergraduate courses (numbered 200 or higher) taken at

the graduate level, with an earned grade of at least a B may be applied to this program. Undergraduate credit earned at other institutions, while not allowed to count towards degree requirements, can be used for the purposes of licensure.

## Psychology, M.A.

The degree of Master of Arts in Psychology is designed as a general experimental psychology track to prepare students for employment in a related field and/or to continue their graduate studies at the doctoral level. Students attend on a full-time basis.

Students must maintain a semester grade point average of 3.000 or higher to remain in good standing. The degree of Master of Arts in Psychology will be awarded only to candidates who have completed all coursework and attained a GPA of 3.000 or higher and have both successfully defended their thesis and demonstrated their knowledge of the general field of psychology during an oral comprehensive exam. The oral exam is administered in the spring semester of the second year. There is a 6-year time limit to complete all program requirements. If the thesis has not been defended after the second year of enrollment in the Master's program, the student is expected to be enrolled in PSYC 790 , Continuous Major Research (3 credit hours) each Fall and Spring semester until the thesis is defended and deposited in the library or the student has reached the 6 year limit for the Master's program.

## Admission Requirements

In order to apply, all materials must be received by the annual February 1st deadline.

Go to <http://www.xavier.edu/psychology-grad/experimental-admission.cfm> to reference the specific admission requirements.

## Summary List of Admission Requirements for MA in Psychology

To be eligible for admission, applicants should submit the following items to the School of Psychology before the February 1st deadline:

1. A completed application form either by paper or on-line at <https://www.xavier.edu/apply/grad/>.
2. Non-refundable \$35.00 application fee.
3. One copy of all official transcripts from all previous colleges and universities attended. (A minimum 3.000 overall undergraduate grade point average (on a 4.0 scale) and a minimum 3.000 average in all Psychology courses is required.)
4. Three letters of recommendation.
5. Resume or vita.
6. A written personal statement (2-3 pages) that provides the opportunity to introduce yourself to the School and give reasons for pursuing a graduate degree at Xavier, as well as possible plans after completion of studies.
7. GRE scores: General Knowledge (verbal, quantitative and analytical) area is required. Psychology Subject Test is required for those without psychology as their undergraduate major or minor.
8. A completed Application for Financial Assistance form for possible financial aid, if interested.
9. Any other information that might aid in the selection process.

A minimum of 18 semester undergraduate hours in psychology is required which must include courses in general psychology, statistics, research methods class, and psychology tests and measurements. Courses in college mathematics are also recommended as a preparation for graduate studies. An undergraduate course in industrial-organizational psychology is necessary for students pursuing the industrial/-organizational program. At times, a personal interview may be required by the Admissions Committee of the School of Psychology. Any other questions regarding the program should be directed to the School of Psychology Assistant Director for Enrollment and Student Services at 513 745-1053, or the Director of the specific program to which the student intends to apply.

## Grading Policy

Grades are based on a student's performance meeting the standards established and communicated in writing by the professor of the course. A semester grade point average of 3.000 or higher is required for a student to remain in good standing. Any student whose semester (Fall, Spring, Summer) GPA falls below 3.000 or who earns a grade of "C (including C+)" or "F" in any 2 credit hour course will be placed on "WARNING" by the Dean of the College of Professional Sciences and remains on WARNING throughout the remainder of the program. Once on warning, any student whose semester (Fall, Spring, Summer) GPA falls below a 3.000 may be dismissed. In addition, once on warning, any student who earns a grade of "C" or "F" in any course is subject to dismissal. A student who earns a grade of "C" or lower in 4 hours or more of course credit in one semester may be subject to dismissal immediately. The following interpretation of letter grades is used by the department A=excellent, B=good, C=minimal, and F=failure. Faculty may use a +/- system in grading. Students receiving a "C" in a course may be required to retake the course or do additional work to satisfy specific deficiencies. This will be determined by the professor of the course and will be discussed with the student and his/her advisor. The student may be required to register for a one hour tutorial (PSYC 900) to complete the necessary remedial work, for which he/she must earn a grade of "Pass" to fulfill the requirements for the additional work. The work must be completed by the student during the following academic semester. Students receiving an "F" in a course are required to retake the course. A cumulative GPA of 3.000 or higher is required for graduation, based on a 4.000 scale. An A=4 points, a B=3 points and a C=2 points. Pluses and minuses alter the merit points by .3.

## Requirements for M.A. in Psychology

The program embraces a 45-credit hour requirement extending over two full-time academic years. Three themes run through the program and are reflected below:

## 1. General Psychology

Four core courses that help assure basic knowledge within the general field of psychology (12 credit hours).

PSYC 506 - Social Aspects of Behavior

PSYC 509 - Cognitive Aspects of Behavior

PSYC 502 - History & Philosophical Issues

PSYC 608 - Integrative Life Span Psychology

## 2. Research

Other core courses reflect the importance of a research foundation in psychology (15 credit hours).

PSYC 511 - Advanced Statistics I

PSYC 512 - Advanced Statistics II

PSYC 520 - Computer Statistical Language I

PSYC 521 - Computer Statistical Language II

PSYC 621 - Advanced Research Design & Analysis

PSYC 699 - Master's Thesis (6 credit hours)

## 3. General Experimental Concentration

18 credit hours of related elective courses to fit student's professional interests.

## Thesis

The required thesis carries 6 credit hours and takes the form of an empirical research study. Under the supervision of an advisor, the student develops a thesis proposal and presents this to a three member committee made up of faculty members and/or interested psychologists from the Cincinnati community. Upon completion, the student presents the thesis to the same committee. A single final grade is assigned to the thesis.

## Language Requirement

Students must demonstrate proficiency in a computer language, typically gained through the courses PSYC 520 and PSYC 521, Computer Statistical Language I and II.

## School Counseling, M.A.

The Master of Arts degree in School Counseling is a professional degree designed to meet the educational requirements for licensure as a school counselor. Accordingly, this degree is awarded to the candidate who has demonstrated a capacity for professional performance by satisfactorily completing the course of study. Students will learn the theory and practice of counseling in the school setting and be able to apply counseling skills in a knowledgeable and skilled manner to areas such as appraisal, lifestyle and career development, counseling theory, group process, and professional issues.

The program is designed to meet specifications of State of Ohio course requirements for school counselor in grades K-12 as well as the requirements for school counselor in the States of Kentucky and Indiana. Further, the M.A. in School Counseling is accredited by the Council for Accreditation of Counseling and Related Educational Programs. (CACREP).

# Requirements for the M.A. in School Counseling

60 total credit hours are required.

The Master of Arts in School Counseling program offerings are divided into four groupings that will lead the student through a general sequence of academic experiences. Introductory courses are presented in Group I, with intermediate offerings available in Group II. Students should complete most of each group before proceeding to the next group. Groups III & IV requirements should be attempted only after Group I courses are completed.

## Group I (17 credit hours):

- COUN 501 - Lifespan Development
- COUN 533 - Counseling Theories & Tech
- COUN 536 - Group Process
- COUN 537 - Intro To School Counseling
- COUN 579 - Psychological & Achieve Test
- COUN 636 - Career Counseling

## Group II (11 credit hours):

- COUN 509 - Counseling Research Methods
- COUN 631 - Counseling issues & Ethics
- COUN 638 - Cross Cultural Counseling
- COUN 640 - Family Relations
- COUN 669 - Pre Practicum/Coun Lab

## Group III (10 credit hours):

- COUN 502 - Introduction to College Coun
- COUN 503 - Crisis Intervention In Schools
- COUN 773 - Counseling Practicum
- EDAD 565 - School Law I

## Group IV (13 credit hours):

- COUN 538 - Adv School Counseling Practice
- COUN 670 - School Counseling Internship
- EDSP 500 - Sp Ed: Identification & Issue

## Electives (9 credit hours)

Can be taken anytime.

Students can meet requirement for 9 elective credit hours by choose from the following:

Current Counseling Electives (Courses):

- COUN 642 (3) Consultation and Supervision (Required for Clinical MH)
- COUN 764 (3) Counseling and Psychotherapy (Required for Clinical MH)
- COUN 630 (2) Intro to M.H. Counseling (Required for Clinical MH)
- COUN 767 (3) Treating Addictions - Advanced (Required for Clinical MH)
- COUN 639 (2) Treating Addictions 1 (Fall)
- COUN 634 (2) Brief Counseling Interventions (Spring)

#### Current Counseling Electives (Workshops):

- COUN 434 (2) Intro to REBT and CBT (Summer Workshop)
- COUN 504 (2) Presence Practice - Deeper Therapy (Summer Workshop)
- COUN 512 (1) Spirituality and Counseling (Summer Workshop)
- COUN 526 (1) The WDEP System of Reality Therapy (Summer Workshop)
- COUN 591 (1) Mindfulness in Counseling (Fall Workshop)
- COUIN 527 (1) Transgender Counseling (Summer Workshop)
- COUN 563 (1) Counseling Challenging Youth (Summer Workshop)
- COUN 535 (1) Trauma and Dissociation (Summer Workshop)
- COUN 520 (1) Diagnosis and Treating Anxiety Disorders (Summer Workshop)

Annual January Workshop (1) Topic varies but applicable to school counselors

School of Education Electives open to School Counseling Students:

- EDAD 660 (3) Curriculum Design and Teaching Strategies
- EDSP 501 (2/3) Intro to Emotional Disturbed Children
- EDSP 580 (3) Classroom Management
- EDSP 567 (3) Social Skills and Behavior Management
- EDSP 572 (3) Communication Strategies & Techniques (Assistive Technology)
- EDSP 615 (3) Special Education Law
- EDSP 617 (3) Administrative Partnerships
- Note: Most Education courses are offered all three semesters and many have online options.

Other Possible Electives:

- NURS 779 (1) Applied Interprofessional Collaboration (Spring)
- New Summer Workshops developed each year.
- Additional graduate courses and workshops may count toward elective requirements with advisor and chair approval.

**TOTAL: 60 Semester Hours**

#### Notes:

All students must complete COUN 670 (4 sem. hrs.). COUN 670 requires that a minimum of 600 clock hours of on-site school counseling activities be completed under the direct supervision of a school counselor. Of these 600 hours, a minimum of 240 clock hours must be conducted in direct service activities with clientele. On-campus class meetings are also scheduled as part of this experience.

## School Counseling, M.A.

Please select one of the programs below:

School Counseling, M.A.

School Counseling, M.A. Dual Track Program

## School Counseling, M.A. Dual Track Program

Students who enroll in the dual track program will receive a Master of Arts degree in School Counseling. Having successfully completed the dual track program, the student will meet licensure requirement for both an Ohio School Counselor and an Ohio Licensed Clinical Counselor.

## Curriculum

To meet state licensure and accreditation requirements, students will be required to take two 600 hour internships, one in clinical counseling in a clinical setting and one in school counseling in a K-12 school setting. They will also need to complete additional coursework to meet the secondary license requirements. Following is the course requirements, all which are existing courses.

## Group I

- COUN 501 - Lifespan Development
- COUN 533 - Counseling Theories & Tech
- COUN 536 - Group Process
- COUN 537 - Intro To School Counseling
- COUN 579 - Psychological & Achieve Test
- COUN 636 - Career Counseling

## Group II

- COUN 538 - Adv School Counseling Practice
- COUN 631 - Counseling issues & Ethics
- COUN 638 - Cross Cultural Counseling
- COUN 640 - Family Relations
- COUN 669 - Pre Practicum/Coun Lab

## Group III

- EDAD 565 - School Law I
- COUN 502 - Introduction to College Coun
- COUN 503 - Crisis Intervention In Schools
- COUN 773 - Counseling Practicum
- COUN 639 - Substance Use and Prevention

## Group IV

- EDSP 500 - Sp Ed: Identification & Issue
- COUN 509 - Counseling Research Methods
- COUN 539 - Childhood Psychopathology
- COUN 670 - School Counseling Internship

## Additional Courses Required

- COUN 630 - Intro To Mental Health Coun
- COUN 642 - Consultation and Supervision
- COUN 671 - Clinical Counseling Internship (one credit hour per semester)
- COUN 762 - Clinical & Person Assessment
- COUN 764 - Counseling & Psychother

## Theology, M.A.

The mission of Xavier's theology program is to provide a transformative theological education from a Catholic and ecumenical perspective inspired by the documents of the Second Vatican Council and the 35th General Congregation of the Society of Jesus. Accordingly, our mission empowers graduate students to think theologically, analyze issues from a Catholic and interreligious perspective, and act responsibly in the world for the promotion of peace and justice.

Our graduate program in theology provides students with a firm foundation in Christian theology through the study of scripture, tradition and ethics. The program is flexible enough to accommodate a wide variety of interests while equipping students with the historical awareness and professional resources necessary to enter or advance in careers such as teaching, ministry or writing, to pursue doctoral work, or to promote the students' personal spiritual development.

Because no definite amount of previous study of theology is prerequisite for admission to the program, students may vary considerably in their preparation. Ordinarily, applicants should have a background in the humanities, but each applicant will be considered individually. Students without sufficient undergraduate background in theology or religious studies will normally be admitted on a conditional basis, with a requirement to get grades of 'B' or above in their first two classes in order to continue in the program. All applicants must have a bachelor's degree from a regionally accredited institution. An undergraduate GPA of 2.700 or better is preferred.

The MA in Theology will require satisfactory completion of 30 semester hours of graduate work (i.e. ten courses or nine courses plus a thesis), all of which must be at the graduate (500-800) level.

Undergraduates who attend Xavier University have a unique opportunity to begin work towards their master's degree during their undergraduate studies. The 5-year path provides a focused, cost-effective way for our most qualified undergraduate students to prepare for a broad variety of professional careers.

# Institute for Spirituality and Social Justice (ISSJ)

The Institute for Spirituality and Social Justice of Xavier's Theology Department empowers constructive theological reflection and responsible social action through three tracks: (1) General Theology, (2) Ethics and Spirituality, and (3) Pastoral and Social Ministry. Each of the three tracks is designed to cultivate depth of thought, imagination, and critical skills in a world challenged by violence, social inequity, and environmental instability. In addition to graduate degrees, the Institute also offers programs, workshops, retreats, and certificate programs. The Institute is rooted in a rich tradition of spiritual practices coupled with rigorous intellectual inquiry and social analysis which manifests the Jesuit commitment to work in the service of faith and the promotion of justice in a diverse and pluralistic world.

## Degree requirements:

30 total credit hours are required, as follows:

12 credit hours of required courses:

- THEO 504 - Liberating Bible
- THEO 547 - Ethics For a Planetary Crisis
  
- THEO 624 - Theological Imagination

18 credit hours of a Concentration (choose one):

### General Theology Concentration

- Six THEO electives (18 credit hours) + dossier/reflective essay

or

- Five THEO electives (15 credit hours) + 3 credit hour thesis

### Ethics and Spirituality Concentration

18 credit hours, including

- Two courses in Ethics
- Two courses in Spirituality
- One of the following:
  - Two THEO electives + dossier/reflective essay
  - One THEO elective + 3 credit hour thesis

### Pastoral and Social Ministry Concentration

18 credit hours, including

- THEO 631 - Ethics in Ministry
- One course in Spirituality
- One graduate level Counseling course
- Internship/THEO 715 or CPE (Clinical Pastoral Education)
- One of the following:
  - Two THEO electives + dossier/reflective essay
  - One THEO elective + 3 credit hour thesis

## Note(s):

The MA program in Theology invites applications from students with a bachelor's degree and a solid academic record. Admission decisions are based on factors such as past academic performance, optional standardized test score, interview, and other information submitted.

Further information and application materials may be obtained from the Office of Graduate Services, 513 745-3360.

## Master of Business Administration

### Business Administration, M.B.A. (Evening MBA)

#### Evening MBA

The Master of Business Administration Program at Xavier University is designed to meet the educational needs of potential and practicing executives. Xavier's MBA program offers an applied realistic approach to education, utilizing a balanced presentation of relevant theory combined with practical case study. The Xavier MBA is an experience in participative learning: case analyses, lectures, group projects, consulting experiences, technology inclusive assignments and simulations. Faculty expertise, numerous live case learning opportunities, and exemplary methods of instruction enable Xavier MBA students to acquire the disciplines and skills of business. Students develop problem-solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

The Xavier MBA program is accredited by The Association to Advance Collegiate Schools of Business ([AACSB.edu](https://www.aacsb.edu)), an accreditation held by only one-third of the existing MBA programs globally.

The GMAT/GRE is not required for MBA admission. The MBA office reserves the right to request GMAT/GRE test scores if deemed necessary by the MBA Admissions Committee.

It is the responsibility of the graduate student to become informed concerning all required regulations and procedures and to know all courses required for the MBA course of study. In no case will a regulation or course be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority. MBA students must abide by all regulations contained in the MBA Academic Standards form and uphold the standards and expectations of the Ethics Policy.

Xavier MBA participates in a unique partnership with other AACSB accredited Jesuit universities' MBA programs, which are located across America. Under the terms of the partnership, each institution works to accept the majority of the coursework completed toward an MBA degree at another participating institution. However, the ultimate decision on course transfer lies with the degree granting institution. Each course transferring must carry a grade of "B" or higher. The MBA is awarded by the institution where more than half of the core degree requirements were completed. From all other AACSB institutions, a maximum of six semester hours of transfer credit for core level and elective courses may be accepted toward the MBA degree. All transferred coursework must be approved by the MBA office and carry a grade of "B" or better. Graduate courses already applied towards a degree may not be used again for credit toward another graduate degree. The grade and quality points for credits transferred from another institution are not included in a student's grade point average. Credit from non AACSB accredited institutions is not considered for transfer credit.

## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

## Note(s):



- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
- All MBA electives, no matter the department, count toward the Business Administration (MBAN) concentration, which is the default concentration for all students.
- A declaration of concentration is made via the MBA office website. Opportunities for international study trips, internships, independent study tutorials, and experimental courses are often available for students and count towards the Business Administration concentration. Such opportunities must be discussed with an MBA advisor. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Business Administration, M.B.A. (Full-Time Day MBA Program)

The Full Time MBA is designed to be a 1-year cohort, Master of Business Administration program for undergraduates who have recently completed their undergraduate degrees, as well as those with early career experience. It is a cohort program designed for the academically talented individual with a keen interest in experiencing a rigorous MBA program that blends academic challenge, experiential learning, career development, and a team-based learning environment in the Jesuit tradition.

The 39-credit hour program includes nine core courses, one Capstone course, and three suggested elective courses. The program builds upon the academic talents & foundations of students and offers a myriad of "classroom to conference room" avenues such as: international study, internships, consulting projects, business plan development, company visits, and extensive networking.

Classes are held during the day. The full-time course load, on average, will be between 4-5 classes. The two MBA foundation courses of ACCT 500: Financial Accounting and BAIS 500: Business Statistics must be taken before the start of the program. Consult with a MBA advisor before registering for equivalents.

The Full Time MBA offers a professional development program that will run throughout the entire course of the program. Professional development programming will take place on Fridays. A global immersion experience, an internship, the Executive Mentor program, and other experiential opportunities is highly stressed.

## Foundation Courses

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

## MBA Core

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

Choose one:

- BUAD 690 - Corporate Governance
- BUAD 691 - Global Strategic Thinking
- BUAD 694 - Bond Portfolio Management

## Electives

In-depth studies into areas such as Business Administration, Business Intelligence, Finance, Innovation/Change/Entrepreneurship, International Business, Marketing, Pricing Strategy, Supply Chain Management and Values Based Leadership. A minimum of 9 credit hours of elective coursework are required in the electives area some have more. A concentration fulfills the electives requirement of the degree.

## **Business Administration, M.B.A. (Online MBA)**

The On-Line MBA is designed to meet the needs of working professionals who cannot easily attend on-campus classes. All required courses are offered on line. On-Line MBA classes start 6 times a year in August, October, January, March, May and late June. Classes are offered in an 8 week usually synchronous format, making it possible for students to take two classes separately, but sequentially in a semester - thus maintaining part-time student status. Students follow an established curriculum of 15 courses. And, as courses are taken one at a time, completion time usually ranges from 2.5 to 3 years.

Some concentrations are available via the On-Line MBA. Students must contact an advisor to declare a concentration.

On Line MBA students may elect to take classes in the Evening MBA program.

On-line MBA students are required to work with a MBA advisor before beginning classes.

## Foundation Courses

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

## Required Courses

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics
- BAIS 551 - Operational Analysis
- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Electives

9 credit hours

Elective courses give MBA students an opportunity to tailor the MBA program in fields that are applicable to a student's professional goals and personal interests. Elective options vary by semester, and new electives are often added based on current topics in business

## Capstone

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## **Business Administration, M.B.A. (Xccelerated MBA)**

Xavier's Xccelerated MBA program offers a cohort experience with a carefully planned course schedule. Students take 5 classes per semester in the Fall and Spring, and complete the degree in the Summer with 3 classes, which includes a Global Immersion. As such, the program consists of 39-45 credit hours. Courses are focused on leadership, and experiential and immersive learning to prepare students for an ever-changing business world.

## Curriculum

### Foundation Skills

6 credit hours\*

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

**Note:**

\* Prerequisites may be waived if the course was taken at the undergraduate level no more than 5 years from MBA admission and a grade of "B" or better was earned OR via waiver exam. If not, courses must be taken as part of the program.

## Courses

36 credit hours

- ACCT 550 - Managerial Accounting
- BLAW 550 - Business Law and Ethics
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- MKTG 550 - Marketing Strategy
- MGMT 550 - Strategy and Organizations
  
- MGMT 614 - Principles of Leadership

## Capstone

3 credit hours

## Business Intelligence, M.B.A. (Online MBA)

### Evening MBA

The Master of Business Administration Program at Xavier University is designed to meet the educational needs of potential and practicing executives. Xavier's MBA program offers an applied realistic approach to education, utilizing a balanced presentation of relevant theory combined with practical case study. The Xavier MBA is an experience in participative learning: case analyses, lectures, group projects, consulting experiences, technology inclusive assignments and simulations. Faculty expertise, numerous live case learning opportunities, and exemplary methods of instruction enable Xavier MBA students to acquire the disciplines and skills of business. Students develop problem-solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

The Xavier MBA program is accredited by The Association to Advance Collegiate Schools of Business ([AACSB.edu](https://www.aacsb.edu)), an accreditation held by only one-third of the existing MBA programs globally.

The GMAT/GRE is not required for MBA admission. The MBA office reserves the right to request GMAT/GRE test scores if deemed necessary by the MBA Admissions Committee.

It is the responsibility of the graduate student to become informed concerning all required regulations and procedures and to know all courses required for the MBA course of study. In no case will a regulation or course be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority. MBA students must abide by all regulations contained in the MBA Academic Standards form and uphold the standards and expectations of the Ethics Policy.

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## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

## Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

**Note(s):**

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
- All MBA electives, no matter the department, count toward the Business Administration (MBAN) concentration, which is the default concentration for all students.
- A declaration of concentration is made via the MBA office website. Opportunities for international study trips, internships, independent study tutorials, and experimental courses are often available for students and count towards the Business Administration concentration. Such opportunities must be discussed with an MBA advisor. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)

- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Finance, M.B.A. (Evening MBA, Online MBA)

### Evening MBA

The Master of Business Administration Program at Xavier University is designed to meet the educational needs of potential and practicing executives. Xavier's MBA program offers an applied realistic approach to education, utilizing a balanced presentation of relevant theory combined with practical case study. The Xavier MBA is an experience in participative learning: case analyses, lectures, group projects, consulting experiences, technology inclusive assignments and simulations. Faculty expertise, numerous live case learning opportunities, and exemplary methods of instruction enable Xavier MBA students to acquire the disciplines and skills of business. Students develop problem-solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

The Xavier MBA program is accredited by The Association to Advance Collegiate Schools of Business ([AACSB.edu](http://AACSB.edu)), an accreditation held by only one-third of the existing MBA programs globally.

The GMAT/GRE is not required for MBA admission. The MBA office reserves the right to request GMAT/GRE test scores if deemed necessary by the MBA Admissions Committee.

It is the responsibility of the graduate student to become informed concerning all required regulations and procedures and to know all courses required for the MBA course of study. In no case will a regulation or course be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority. MBA students must abide by all regulations contained in the MBA Academic Standards form and uphold the standards and expectations of the Ethics Policy.

Xavier MBA participates in a unique partnership with other AACSB accredited Jesuit universities' MBA programs, which are located across America. Under the terms of the partnership, each institution works to accept the majority of the coursework completed toward an MBA degree at another participating institution. However, the ultimate decision on course transfer lies with the degree granting institution. Each course transferring must carry a grade of "B" or higher. The MBA is awarded by the institution where more than half of the core degree requirements were completed. From all other AACSB institutions, a maximum of six semester hours of transfer credit for core level and elective courses may be accepted toward the MBA degree. All transferred coursework must be approved by the MBA office and carry a grade of "B" or better. Graduate courses already applied towards a degree may not be used again for credit toward another graduate degree. The grade and quality points for credits transferred from another institution are not included in a student's grade point average. Credit from non AACSB accredited institutions is not considered for transfer credit.

## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
- All MBA electives, no matter the department, count toward the Business Administration (MBAN) concentration, which is the default concentration for all students.
- A declaration of concentration is made via the MBA office website. Opportunities for international study trips, internships, independent study tutorials, and experimental courses are often available for students and count towards the Business Administration concentration. Such opportunities must be discussed with an MBA advisor. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Innovation, Change and Entrepreneurship, M.B.A. (Evening MBA)

# Evening MBA

The Master of Business Administration Program at Xavier University is designed to meet the educational needs of potential and practicing executives. Xavier's MBA program offers an applied realistic approach to education, utilizing a balanced presentation of relevant theory combined with practical case study. The Xavier MBA is an experience in participative learning: case analyses, lectures, group projects, consulting experiences, technology inclusive assignments and simulations. Faculty expertise, numerous live case learning opportunities, and exemplary methods of instruction enable Xavier MBA students to acquire the disciplines and skills of business. Students develop problem-solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

The Xavier MBA program is accredited by The Association to Advance Collegiate Schools of Business ([AACSB.edu](https://www.aacsb.edu)), an accreditation held by only one-third of the existing MBA programs globally.

The GMAT/GRE is not required for MBA admission. The MBA office reserves the right to request GMAT/GRE test scores if deemed necessary by the MBA Admissions Committee.

It is the responsibility of the graduate student to become informed concerning all required regulations and procedures and to know all courses required for the MBA course of study. In no case will a regulation or course be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority. MBA students must abide by all regulations contained in the MBA Academic Standards form and uphold the standards and expectations of the Ethics Policy.

Xavier MBA participates in a unique partnership with other AACSB accredited Jesuit universities' MBA programs, which are located across America. Under the terms of the partnership, each institution works to accept the majority of the coursework completed toward an MBA degree at another participating institution. However, the ultimate decision on course transfer lies with the degree granting institution. Each course transferring must carry a grade of "B" or higher. The MBA is awarded by the institution where more than half of the core degree requirements were completed. From all other AACSB institutions, a maximum of six semester hours of transfer credit for core level and elective courses may be accepted toward the MBA degree. All transferred coursework must be approved by the MBA office and carry a grade of "B" or better. Graduate courses already applied towards a degree may not be used again for credit toward another graduate degree. The grade and quality points for credits transferred from another institution are not included in a student's grade point average. Credit from non AACSB accredited institutions is not considered for transfer credit.

## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

## Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

**Note(s):**

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business



- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
- All MBA electives, no matter the department, count toward the Business Administration (MBAN) concentration, which is the default concentration for all students.
- A declaration of concentration is made via the MBA office website. Opportunities for international study trips, internships, independent study tutorials, and experimental courses are often available for students and count towards the Business Administration concentration. Such opportunities must be discussed with an MBA advisor. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## International Business, M.B.A. (Evening MBA)

### Evening MBA

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Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

The Xavier MBA program is accredited by The Association to Advance Collegiate Schools of Business ([AACSB.edu](https://www.aacsb.edu)), an accreditation held by only one-third of the existing MBA programs globally.

The GMAT/GRE is not required for MBA admission. The MBA office reserves the right to request GMAT/GRE test scores if deemed necessary by the MBA Admissions Committee.

It is the responsibility of the graduate student to become informed concerning all required regulations and procedures and to know all courses required for the MBA course of study. In no case will a regulation or course be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority. MBA students must abide by all regulations contained in the MBA Academic Standards form and uphold the standards and expectations of the Ethics Policy.

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## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

### Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
- All MBA electives, no matter the department, count toward the Business Administration (MBAN) concentration, which is the default concentration for all students.
- A declaration of concentration is made via the MBA office website. Opportunities for international study trips, internships, independent study tutorials, and experimental courses are often available for students and count towards the Business Administration concentration. Such opportunities must be discussed with an MBA advisor. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Management, M.B.A. (Executive MBA Program)

The Executive MBA Program works to develop a student's executive presence. The EMBA student will be ready to lead in a variety of business models & view the whole business with an enterprise wide lens. As a result of their experience, the EMBA student will identify the difference between creating & adding value, all the while successfully navigating a professional network.

The Executive MBA experience is a fast-paced condensed-learning format with mandatory team projects and collaborative learning. The EMBA is cohort based and structured EMBA admission takes place once a year in the Fall term. It runs for 16 months with classes running all day, every other Friday and Saturday. A global immersion is required as part of the program. Consulting projects are found throughout the program.

Information regarding the Executive MBA Program may be obtained from the director of the EMBA at [xmba@xavier.edu](mailto:xmba@xavier.edu) or 513-745-4800.

## Curriculum

- ACCT 750 - Financial Accounting
- ACCT 751 - Managerial Accounting
- BAIS 750 - Strategic Info Tech
- BAIS 752 - Operations Supply Chain Mgmt
- BLAW 750 - View Bus Through Legal Lens
- BLAW 751 - View Bus Through Eth Lens
- BUAD 750 - Immersion Phase 1
- BUAD 751 - Integrative Project Phase 2
- BUAD 752 - Integrative Project Phase 3
- BUAD 754 - Integrative Capstone Project
- BUAD 755 - International Residency
- BUAD 790 - Corporate Governance
- ECON 750 - Managerial Economics
- ECON 751 - International Economics
- FINC 750 - Value Creation
- FINC 751 - Financial Strategy
- MGMT 750 - Leading Organizations Micro

- MGMT 751 - Leading Organizations Macro
- MGMT 753 - Strategic Sustainability
- MKTG 750 - Marketing Strategy
- MKTG 751 - Marketing Strategy
- STAT 750 - Statistics For Managers

## Marketing, M.B.A. (Evening MBA)

### Evening MBA

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### MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

### Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

### The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

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## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Pricing Strategy, M.B.A. (Evening MBA)

### Evening MBA

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participative learning: case analyses, lectures, group projects, consulting experiences, technology inclusive assignments and simulations. Faculty expertise, numerous live case learning opportunities, and exemplary methods of instruction enable Xavier MBA students to acquire the disciplines and skills of business. Students develop problem-solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

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## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

### Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
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## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Supply Chain Management, M.B.A. (Online MBA)

## Evening MBA

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## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

### The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

### Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

Choose a Concentration



- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
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## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

### MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Values Based Leadership, M.B.A. (Online MBA)

### Evening MBA

The Master of Business Administration Program at Xavier University is designed to meet the educational needs of potential and practicing executives. Xavier's MBA program offers an applied realistic approach to education, utilizing a balanced presentation of relevant theory combined with practical case study. The Xavier MBA is an experience in participative learning: case analyses, lectures, group projects, consulting experiences, technology inclusive assignments and simulations. Faculty expertise, numerous live case learning opportunities, and exemplary methods of instruction enable Xavier MBA students to acquire the disciplines and skills of business. Students develop problem-solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

The Xavier MBA program is accredited by The Association to Advance Collegiate Schools of Business ([AACSB.edu](http://AACSB.edu)), an accreditation held by only one-third of the existing MBA programs globally.

The GMAT/GRE is not required for MBA admission. The MBA office reserves the right to request GMAT/GRE test scores if deemed necessary by the MBA Admissions Committee.

It is the responsibility of the graduate student to become informed concerning all required regulations and procedures and to know all courses required for the MBA course of study. In no case will a regulation or course be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority. MBA students must abide by all regulations contained in the MBA Academic Standards form and uphold the standards and expectations of the Ethics Policy.

Xavier MBA participates in a unique partnership with other AACSB accredited Jesuit universities' MBA programs, which are located across America. Under the terms of the partnership, each institution works to accept the majority of the coursework completed toward an MBA degree at another participating institution. However, the ultimate decision on course transfer lies with the degree granting institution. Each course transferring must carry a grade of "B" or higher. The MBA is awarded by the institution where more than half of the core degree requirements were completed. From all other AACSB institutions, a maximum of six semester hours of transfer credit for core level and elective courses may be accepted toward the MBA degree. All transferred coursework must be approved by the MBA office and carry a grade of "B" or better. Graduate courses already applied towards a degree may not be used again for credit toward another graduate degree. The grade and quality points for credits transferred from another institution are not included in a student's grade point average. Credit from non AACSB accredited institutions is not considered for transfer credit.

### MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

## Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

**Note(s):**

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
- All MBA electives, no matter the department, count toward the Business Administration (MBAN) concentration, which is the default concentration for all students.
- A declaration of concentration is made via the MBA office website. Opportunities for international study trips, internships, independent study tutorials, and experimental courses are often available for students and count towards the Business Administration concentration. Such opportunities must be discussed with an MBA advisor. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)

- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Master of Education

### Educational Administration, M.Ed.

The Educational Administration Master of Education degree, a professional degree, is designed to provide the preparation required for principals, administrative specialists, superintendents, and other educational administration positions. Students are encouraged to select Master of Education courses which correspond with the educational administration/supervision licensure they may seek. Licensure program courses and master's degree courses may be taken in unison or separately. However, a master's degree is required before the student is eligible to apply with their state for licensure or be accepted into a licensure only program. Educational Administration Licensure/Supervision programs include but are not limited to Principal, Specialists, Superintendents, Supervisor of Instruction, Director of Special Education, and Director of Pupil Personnel.

Xavier University also offers an innovative, integrated MSN/MEd program consisting of 47 semester credit hours. The student will receive two separate degrees, the Master of Science in Nursing and the Master of Science in Education. This program was developed in response to a community need for nurse educators. The MSN/MEd prepares the graduate to administer and teach in educational settings (i.e., CE providerships, in-service educators and nurse educators). Please contact the School of Nursing for additional details.

Go to <http://www.xavier.edu/administration-grad/admission.cfm> to reference admission requirements.

## Requirements for the M.Ed. in Educational Administration

(30 total credit hours required)

The core education courses are required for the Masters of Education in Educational Administration. and all of the licensure options.

The following serves as a curriculum guide, please see an educational administration advisor.

### Core courses: (9 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

### Licensure courses: (21 credit hours)

The licensure courses are required for all licensure options. The appropriate internships will be added to the MEd program to complete the licensure requirements. Any combination of the courses that total 21 semester hours will, when combined with the 9 core hours, equal 30 semester hours and thus qualify the candidate for a MEd in Educational Administration. Note: Up to 6 semester hours may be elective credits at 500 Level or above. However elective credits are not applicable for Licensure.

Go to <http://www.xavier.edu/administration-grad/Licensure.cfm> to reference licensure requirements and details.

- EDAD 543 - Supervision of Inst/Staff Pers
- EDAD 548 - Principalship or
- EDAD 561 - Admin of Pupil Personnel Serv
- EDAD 562 - Political Structure & PR
- EDAD 563 - Sch Finance, Bus Aff / Phys
- EDAD 565 - School Law I
- EDAD 570 - Policy Planning & Evaluation
- EDAD 660 - Curr Design & Teach Strategies

Internship(s) are required to complete licensure for principals, specialists, or superintendents.

The required internship varies depending on specific licensure sought.

Consult with an educational administration advisor for specific licensure requirements.

### Principal Licensure Courses

- EDAD 771 - Internship:Principal I
- EDAD 781 - Internship:Principal II

### Specialist Licensure Courses

- EDAD 772 - Admin Specialist Intern I
- EDAD 773 - Internship:Spec-Staff Pers I
- EDAD 774 - Internship:Spec-Curr Inst I
- EDAD 775 - Internship:Spec-Pupil Svcs I
- EDAD 776 - Internship:Spec-Sch/Com Relat
- EDAD 777 - Internship:Spec-Vocational Ed
- EDAD 782 - Admin Specialist Intern II
- EDAD 783 - Internship:Spec-Staff Pers II
- EDAD 784 - Internship:Spec-Curr Inst II
- EDAD 785 - Internship:Spec-Pupil Svcs II
- EDAD 786 - Internship:Spec-Sch/Com Relat
- EDAD 787 - Internship:Spec-Vocational Ed

### Superintendent License Courses

- EDAD 710 - Superintendent Seminar
- EDAD 779 - Internship:Superintendency I
- EDAD 789 - Internship:Superintendency II

### Note(s):

- All educational administration students must successfully complete the Master of Education (MEd) Comprehensive Examination upon completion of required coursework to earn the MEd degree.
- Additionally, the University is not obliged to recommend licensure of any type on the basis of the completion of a Master of Education degree or specific coursework in education. Students must also meet leadership, communication, and character requirements and pass the required licensure tests of the State Department of Education for each specific license.

## Summary of Steps for Admission and Continual Progress toward MEd Degree and Licensure

### Step One:

Admission to M.Ed. graduate program. See <http://www.xavier.edu/education/>

- Apply online to the Office of the Graduate School
- Declare educational administration as major for MEd.

## Step Two:

### Complete Program for MEd

- Complete 30 semester credit hours, including all required courses
- Pass comprehensive exam (exam can be repeated once, if needed)
- Apply for Xavier graduation

## Step Three:

### Licensure for Ohio

#### For Principal or Specialist Licenses:

- Complete course requirements for MEd and/or principal or specialist license.
- For Xavier M.Ed. graduates, complete 6 semester credit hours of additional required coursework.
- Pass licensure exam OATE Exam #015 in educational leadership
- Apply for licensure online at the State Department of Education and follow university and state procedures for licensure.

#### For Superintendent Licenses:

- Complete course requirements for MEd and/or principal or specialist license.
- For Xavier M.Ed. graduates, complete an additional 12 credit hours approved by advisor, including EDAD 710 Superintendent Seminar and EDAD 779 & 789 Superintendent Internships I & II.
- Must pass licensure exam in educational leadership, if not already completed with Principal or Specialist license.
- Apply for licensure online at the State Department of Education and follow university and state procedures for licensure.

## Note(s):

- Students may contact the Office of the Graduate School at [xugrad@xavier.edu](mailto:xugrad@xavier.edu), <http://www.xavier.edu/graduate-admission/>, or 513-745-3360 for more information and the Department of Educational Administration at 513-745-4210 to schedule an appointment with an advisor.

## Elementary Education, M.Ed.

The Master of Education in elementary education will provide the student with a strong foundation in professional knowledge, experience in combining theory with practice, and opportunities for curriculum development and application. The student may pursue an M.Ed. and a teaching license separately or concurrently.

Go to <http://www.xavier.edu/elementary-grad/Admission.cfm> to reference admission requirements.

## Requirements for the M.Ed. in Elementary Education

(30 total credit hours required)

### Core courses

(9 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

## Note(s):

- The remaining 21 hours required are selected from programs such as elementary, Montessori, multi-cultural children's literature, and reading. The M.Ed. candidate is free to select courses that advance teaching in the elementary school.

## Programs Requirements for Licensure:

Students seeking initial licensure in early or middle childhood education concurrently with the M.Ed. will declare their Master's concentration as Elementary. Students seeking teacher licensure in early or middle childhood must contact the department for a review of their transcripts. Students are expected to have a broad base of undergraduate coursework spread over the following areas: English, history, sciences, math, speech, and the fine arts. There is a specific sequence within both programs. Course requirements for early or middle childhood licensure extend beyond the 30 hours required for a Masters Degree.

Go to <http://www.xavier.edu/elementary-grad/index.cfm> to reference more information about Licensure options.

## Master of Education in Elementary Education -- Cohort Program Ohio Early Childhood License Pre-K - Grade 3

With the passage of Ohio Senate Bill 216, the early childhood P-3 teaching license will be replaced with a new P-5 license, with courses of study beginning in 2020. During our 2019-20 academic year we will continue to research best practices and make course adjustments to align with the new license requirements. Students completing the P-3 license in May 2020 will be eligible for the Early Childhood Generalist 4-5 Endorsement as currently offered. Students entering the early childhood graduate cohort in May of 2020 can expect a revised program of study for the P-5 license.

Students seeking acceptance into the graduate early childhood cohort *must first be accepted into the M.Ed program*. Application for acceptance in the Master of Education Program is made through the Graduate Services Office. Call 745-3360 or visit the Xavier website, [www.xu.edu](http://www.xu.edu). Upon acceptance in the M.Ed. program a candidate may begin courses listed below.

To begin the admission process for the early childhood cohort program, the student must meet with an academic advisor for transcript review and discussion of the program. Call (513)745-3701 for an appointment. Please bring an official copy of transcripts from all undergraduate and graduate work to this meeting.

Upon acceptance into the Master of Education program a candidate may begin the required courses listed below. Candidates are responsible for graduate information contained in the Xavier University Catalog, such as the comprehensive exam and other graduation requirements.

The candidate must meet with an academic advisor for a transcript review outlining general education requirements:

- English Composition (3)
- History (3)
- Mathematics (6)
- Literature (6)
- Natural Science (3)
- Physical Science (3)
- Fine Art (3)

## Professional Foundation Courses

The following courses are taken during the academic year prior to the beginning of the Early Childhood Cohort Program.

- EDEL 500 - Classroom Culture (includes 50 hours of assigned field experience)
- EDEL 251 - Instructional Technology
- EDFD 500 - History/Philosophy of Am Educ
- EDFD 510 - Adv Human Develop & Learning

## Please Note:

- The licensure candidate may complete the M.Ed. Core courses: EDFD 505, *Organization of Education Systems in the United States*; EDFD 507/ EDFD 508, *Educational Research/Paper* during the initial academic year, or elect to finish at a later date. "No more than six years may elapse between enrolling in a degree program and completion of work for the degree." A comprehensive exam is the final requirement for the degree program. The M.Ed candidate may sit for the exam after 27 hours for the degree have been successfully completed.
- Students who have completed (or will complete by May) general education requirements and professional foundation courses may apply to the Early Childhood Cohort. Application is made during the spring semester. Applications, available through the Department of Childhood Education and Literacy Office, 307 Hailstones Hall, are reviewed by a faculty team and evaluated on the basis of the following: EDEL 500 final grade, field work evaluation, grade point average, Miller Analogy or GRE scores, written and oral communication skills.

## Early Childhood License Cohort Courses

Candidates must be accepted into the cohort program in order to enroll in the following courses.

\*The schedule below is effective Summer Semester 2009.

### First Summer Session

- EDRE 512 - Reading Methods
- EDRE 569 - Phonics & Found of Literacy
- EDEC 558 - Play & Arts in Early Childhood

Total (9)

### Second Summer Session

- EDCH 524 - Children's Literature
- EDEC 555 - Early Childhood Care/Practices

Total (9)

### Fall Semester

- EDEL 370 - Junior Field Experience /2 days per week
- EDEC 331 - Early Childhood Math/Sci Cohrt
- EDEC 336 - Early Childhood LA/Soc St Cohr
- EDRE 678 - Literary Assess: Adm, Ana, App

Total (16)

### Spring Semester

- EDEC 454 - Cohort Stud Teach Primary
- EDEC 455 - Cohort Primary Seminar
- EDRE 671 - Content Area Literacy

Total (10)

## Note(s):

Students must pass the Ohio Assessment for Educators (OAE) Early Childhood Education/012 in the fall semester and OAE Assessment of Professional Knowledge: Early Childhood/001 and Foundations of Reading/090 during the student teaching semester. Additional information on testing may be found at the Department of Childhood Education and Literacy website or [www.oh.nesinc.com](http://www.oh.nesinc.com). See also for test information regarding the endorsements in reading and grades 4 and 5.

Application for the early childhood license is made online through the Ohio Department of Education upon completion of all requirements. The State of Ohio, Four Year Resident Educator License, Early Childhood P-3 from the ODE carries an effective date of July. Students seeking licensure in other states must first complete the Ohio license requirements. Information on licensure is covered in detail during the student teaching semester.

The early childhood license gives the candidate the opportunity to add endorsements for teaching grades 4 and 5 (additional 9 credit hours) or Reading (additional 9 hours), which may be added during the summer following student teaching, or during successive summers. Please consult an advisor before beginning the endorsement courses.

## Ohio Licensure Generalist Endorsement Grades 4-5 Graduate Courses

This series of courses is offered for the candidate who holds the Ohio Early Childhood License/Grades P-3 and which will enable them to obtain the generalist endorsement for grades 4-5. The candidate for the endorsement must complete all 9 semester hours of coursework listed below and pass the Ohio Assessment for Educators (OAE): OAE Elementary Education (Subtest I)/018 and OAE Elementary Education (Subtest II)/019

Prerequisite: Holds an Ohio Early Childhood License/Grades P-3. For graduate students who wish to pursue a Masters in Elementary Education, the Generalist Endorsement courses can be applied towards the M.Ed. For more information on the Masters program, go to <http://www.xavier.edu/elementary-grad/Admission.cfm>.

## Generalist Endorsement Grades 4-5 Courses

- EDEL 640 Middle Childhood Transitions: Development and Management (1)
- EDEL 641 Mathematics Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 642 Science Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 643 Language Arts Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 644 Social Studies Content, Pedagogy, and Assessment Grades 4-5 (2)

## Master of Education in Elementary Education Ohio Middle Childhood License Grades 4-9

Middle childhood licensure at the graduate level is designed for the student who did not receive a teaching license as an undergraduate; has strong undergraduate course work in two of the following: mathematics, science, social studies or English; is available to take pedagogy, methods, and field placement courses with both day and evening scheduling in order to meet the extensive requirements of the middle childhood license. The middle childhood license is for teaching grades 4 through 9 in two subject areas. Students will also study reading methods and children's literature along with their two chosen areas of concentration. The student with current (within the last 10 years) course work in the concentrations may have some concentration requirements waived.

- There is no cohort program (see early childhood licensure) for middle childhood candidates. Progression through the program is unique to the individual due to the various concentration combinations, i.e. one student may choose math and science while another opts for science and social studies. The content courses may not be offered as frequently as the foundation courses, often just one semester out of the academic year. The sequence of course completion is important to the success of the candidate.

## Admission

To begin the admission process for the Middle Childhood License/Master of Education program, the candidate must meet with an academic advisor for a transcript review outlining general education requirements:

- English Composition (3)
- History (3)
- Mathematics (6)
- Literature (6)
- Science (6)
- Fine Art (3)

A minimum grade of C is required in all courses, except English composition, for which a B is required. An overall undergraduate grade point average must be a 2.70 or better.



**Next the student must apply for the M.Ed. in Elementary Education.**

## Concentrations

The Middle Childhood Licensure candidate must choose two fields of concentration from the following : (see specific courses under B.S. in Middle School Education)

- Mathematics - 21 hours
- Science - 21 hours
- Social Studies - 24 hours
- Reading/ Language Arts - 24 hours

Students should take the five professional foundation courses before enrolling in the following courses specific to middle childhood licensure. See undergraduate Middle School Education section for list of concentration courses.

## Professional Education Courses

- EDEL 500 - Classroom Culture
- EDFD 510 - Adv Human Develop & Learning
- EDEL 251 - Instructional Technology
  
- EDFD 500 - History/Philosophy of Am Educ

### Note(s):

Concentration courses may be completed concurrent with methods/pedagogy courses listed below. Due to the complexity of the licensure requirements, middle school candidates must meet with an advisor each semester. Students should take the five professional foundation courses listed on the preceding page: EDEL 251, EDEL 500, EDFD 500 , EDFD 510, and EDEL 260/560, before enrolling in the following courses specific to the Middle Childhood License.

## Middle Childhood Courses

Scheduling of Middle Childhood courses are varied; courses may meet during the day, at 4:15 or 7:00PM, and often require field observation or experience. Be aware that EDMC courses are not offered every semester.

- EDMC 212 - Nature & Needs of Adolescents
- EDSP 500 - Sp Ed: Identification & Issue
- EDCH 526 - Children's Lit for Middle Chil
- EDMC 325 - Arts in Ed: Middle Childhood
- EDRE 569 - Phonics & Found of Literacy
- EDRE 514 - Reading Methods for Middle Chi
- EDMC 340 - Middle School Phil & School Or
- EDMC 345 - Middle Child Class Mgmt Assess

### Two courses from

Students take two courses from 351, 352, 353, or 354 (total 6 hours, field experience T & R days) EDMC 351-354 are only offered during Spring semester. EDMC 212 and EDMC 340 prerequisites for EDMC 351-354.

- EDMC 351 - Middle Childhood Lang Art Meth
- EDMC 352 - Middle Childhood Math Methods
- EDMC 353 - Middle Childhood Science Meth
- EDMC 354 - Middle Childhood Soc Stud Meth
- EDMC 455 - Student Teaching: Middle Sch
- EDMC 456 - Sem: Current Issues in EDMC
- EDRE 671 - Content Area Literacy
- EDRE 678 - Literary Assess: Adm, Ana, App

### Note(s):

- Praxis II Exams: **You must pass two subject area concentration exams prior to student teaching.** The "Principles of Learning and Teaching: 5-9" is taken during the student teaching semester. See Praxis link at [www.xavier.edu](http://www.xavier.edu).
- Grades 4-6 Middle Childhood Endorsements are an option for persons holding a Middle School license. See Requirements for generalist endorsement under B.S. for Middle School Education.
- The following core courses fulfill Master of Education requirements but are not required to complete the middle childhood license requirements. They can be taken at any time within the six year limit. Students take the Comprehensive Exam related to the three core courses during the last semester of graduate course work.

EDFD 500

EDFD 505

EDFD 507 & EDFD 508

## Master of Education

The Master of Education, a professional degree, is designed to meet the needs of professional educators. This degree is awarded to the candidate who has demonstrated a capacity for improving the quality of teaching within the particular sphere of his or her influence by satisfactorily completing a program of graduate work designed to give these characteristics:

1. Broad knowledge of the principles and techniques of education in modern society.
2. Specific knowledge of one major area of the field of education.
3. Essential understanding and skills necessary for intelligent consumption of educational research.

To ensure comprehensiveness in their programs for the Master of Education degree, candidates should include in their programs 9 hours of general survey courses (or alternate courses as indicated by specific program) designed to provide integrated coverage of the broad field of education. These courses (credit hours) are:

EDFD 500 History/Philosophy of Am Educ

EDFD 505 Org of Ed Systems in U.S.

EDFD 507 Educational Research and EDFD 508 Educational Research Paper

To ensure their mastery of a particular area of education, candidates must include a concentration of at least 12 semester credit hours in one of the following areas:

Administration, Art, Biology, Business Education, Chemistry, Classics, Computer/Technology, Elementary Education, English, French, German, History, Political Science, Mathematics, Montessori Education, Multi-cultural Literature for Children, Music, Philosophy, Psychology, Reading, Teaching of English to Speakers of Other Languages (TESOL), Secondary Education, Spanish, Special Education, Theology.

Students should consult with an advisor before beginning their concentration.

The Master of Education program invites applications from students with a bachelor's degree and a solid academic record. Admission decisions are based on factors such as past academic performance, standardized test score, and other information submitted.

Go to <http://www.xavier.edu/education/> to reference program information and admission requirements.

A minimum of thirty hours is normally required for the degree of Master of Education.

These shall be distributed as follows:

1. General surveys in education, 9 credit hours.
2. Concentration, 12 credit hours. (Certain concentrations may require more than 12 semester hours, particularly where state certification requirements are involved. Consult with your academic advisor)
3. Pertinent electives, 9 credit hours.

A student's Master of Education program may not include more than 6 semester hours of workshops, unless by special arrangement with the program directors. The Master of Education degree will be awarded only to candidates who have passed an extensive written examination covering their particular field of concentration (e.g., administration) or covering the three general survey courses in education if they have concentrated in a subject matter field or in elementary or secondary education. The comprehensive exam is not required for the MED in Sport Administration or MED in Coaching Education and Athlete Development. Should the student fail the comprehensive examination, it may be repeated only once.

**Note:** The comprehensive exam is not required for the MED in Sport Administration or MED in Coaching Education and Athlete Development. For more information regarding specific requirements for these programs, please see Sports Studies.

**Note:** For information regarding the Master of Arts in English Education or History Education, please see Secondary Education. For information regarding the Master of Science in Special Education, please see Special Education.

**Note:** The University is not obliged to recommend licensure of any type on the basis of the completion of a Master of Education degree or specific course work in education. Students must also meet leadership, communication, and character requirements and pass the required tests of the State Department of Education for each specific license.

Xavier University also offers an innovative, integrated MSN/MEd program consisting of at least 54 semester credit hours. The student will receive two separate degrees, the Master of Science in Nursing and the Master of Science in Education. This program was developed in response to a community need for nurse educators. The MSN/MEd prepares the graduate to administer and teach in educational settings (i.e., CE providerships, in-service educators and nurse educators). See the School of Nursing section of this document for additional details.

# Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed.

## Master of Education Degree in Montessori Education On Campus or Online

The Xavier University Montessori teacher education programs grant an American Montessori Credential and an Ohio Pre-Kindergarten to grade 3 licensure. The programs are affiliated with the American Montessori Society, and accredited by the Montessori Accreditation Council for Teacher Education.

The graduate program in Montessori education is based on a strong foundation in child development. This allows students the option of teaching in a public or private Montessori school, as well as in a traditional public or private school. The program prepares the student with an understanding of Dr. Montessori's philosophy in light of the education of the past and present. The Montessori curriculum courses prepare the student to teach practical life, art, music, movement, sensorial, math, language, geography, science and history. Child development is emphasized in courses EDME 563, EDME 559, and EDME 550 and is an integral part of all of the courses. Those holding a master's degree may obtain certification by planning a post-master's program with the director of the Montessori teacher education program.

Go to <http://www.xavier.edu/montessori-grad/admission.cfm> to reference admission requirements.

For online description, please see the fully online option description: Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed.\* \*(fully online option)

## Requirements for the M.Ed. in Montessori Education (with no Ohio State License and no Montessori Credential)

33 total credit hours are required, as follows

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper \*
- EDME 508 - Early Childhood Overview
- EDME 509 - Phil/Obs of Lower Elem. Child
- EDME 563 - Human Development
- EDSP 505 - Foundations in ECSPED

The other twelve (12) hours can be taken from the following courses:

- EDME 560
- EDME 580
- EDME 581
- EDME 582
- EDME 583
- EDME 584
- EDME 585
- EDME 586
- EDME 587
- EDME 601
- EDME 602
- EDME 603
- EDME 604
- EDME 605
- EDME 606
- EDME 607
- or any other ED- approved prefix courses

Other Requirements:

- Student must complete BCI/FBI background checks in the first semester and each subsequent academic year.

## Note(s):

\* The research paper should be completed in the area of early childhood education and an approved copy of the completed paper submitted to the director of the program for the departmental library.

## Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed. (Fully Online Option)

The graduate program in Montessori education is based on a strong foundation in child development. The program prepares the student with an understanding of Dr. Montessori's philosophy in light of the education of the past and present.

Admitted students earn a Master of Education with a Montessori focus while working with Montessori and education faculty who teach in Xavier's internationally known program.

Applicants who already have a MACTE-approved Montessori credential may be able to apply it toward 12 hours of the degree.

Students are uniquely enrolled with the online degree program and complete courses within this program solely.

Xavier University is not yet authorized to provide online education in all 50 states. Please consult the state authorization site via the Xavier University site for the listing of [approved states](#).

This program will not provide licensure in any state.

## Requirements for the M.Ed. in Montessori Education online program (with no Ohio State License and no Montessori Credential)

- Admitted students take a maximum of 33 credit hours over three semesters-or 18 months.
- Students with a MACTE-approved credential can spread their coursework over 12 months.
- Classes are entirely online and vary in format, including live lectures.
- As part of an online learning community, students collaborate and share ideas such as curriculum planning, assessment, classroom management and making teaching materials.
- Students interact closely with their professors and each other, communicating with other students from around the world.
- Professors hold weekly virtual office hours to maintain communication and an ongoing relationship with students.

## Curriculum for the M.Ed. in Montessori Education online program (with no Ohio State License and no Montessori Credential)

Students take the following courses for a maximum of 33 credit hours. Students with a MACTE-approved credential may be able to apply it toward 12 hours of the degree.

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper
- EDME 508 - Early Childhood Overview
- EDME 509 - Phil/Obs of Lower Elem. Child
- EDME 552 - Mont Curr Des & Te Strat: Pri
- EDME 557 - Montessori Language Enrichment
- EDME 558 - Math And Geometry Enrichment
- EDME 559 - Community & Advocacy in Educ
- EDME 563 - Human Development
- EDSP 505 - Foundations in ECSPED

## Notes:

Credentialed Montessori teachers may apply up to 12 hours of their MACTE-approved credential toward the following courses: EDME 552, 557, 558, 559.

## **Montessori Education (for Ohio four year resident educator License P-5 and American Montessori Society Early Childhood Credential - Ages 2.5 To 6), M.Ed.**

Requirements for the M.Ed. in Montessori Education (with Ohio four year resident educator License P-5 and American Montessori Society Early Childhood Credential - ages 2.5 to 6)

### Master of Education courses

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

### Montessori Early Childhood Education courses

- EDME 550 - Observation/Assessment Methods
- EDME 551 - Montessori Ed: Phil Approach
- EDME 554 - Mont Language Arts & Read Meth
- EDME 559 - Community & Advocacy in Educ
- EDME 563 - Human Development
- EDME 564 - Early Childhood/Montessori Met
- EDME 576 - Phonics Skills for Early Child
- EDME 577 - Early Childhood Math & Science
- EDSP 505 - Foundations in ECSPED

### Ohio State Educator's License Courses for P-5 Primary License

- EDRE 512 - Reading Methods
- EDRE 678 - Literary Assess: Adm, Ana, App
- EDEL 251 - Instructional Technology

### Practicum Year courses

- EDME 566 - Mont Curr Des&Te Strat I: Ea C
- EDME 567 - Mont Curr Des&Te Strat II:Ea C
- EDME 673 - Mont Early Childhood Pract I
- EDME 674 - Mont Early Childhood Pract II

## **Montessori Education, M.Ed.**

The following Master of Education in Montessori Education program options are available. Please choose from the following:

- Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed.
- Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed. (Fully Online Option)
- Montessori Education (for Ohio four year resident educator License P-5 and American Montessori Society Early Childhood Credential - Ages 2.5 To 6), M.Ed.

## **Multi-Cultural Literature For Children, M.Ed.**

The degree of Master of Education with a concentration in multi-cultural literature for children is a professional degree designed to meet the needs of licensed teaching professionals desiring to enhance their knowledge of appropriate literature for children in the classroom. The degree consists of 30 hours of coursework. The concentration coursework (18 hours) includes diverse coursework in the area of children's literature. The focus for the coursework is study in the diverse base of literature written for children reflecting but not limited to European Americans, Native Americans, African Americans, Asian Americans, Jewish Americans, Latino Americans and other world cultures, not based in the western world. The purpose of this degree is to provide information that will enable teachers to make careful, informed and sensitive choices from among the increasing numbers of books being published as Multi-cultural literature as well as incorporating this knowledge into a holistic, global classroom. Multi-cultural literature is one of the most powerful components of a Multi-cultural education curriculum, the underlying purpose of which is to help to make our society a more equitable one.

Go to <http://www.xavier.edu/multicultural-literature/admission.cfm> to reference admission requirements.

## Curriculum Prerequisites

These prerequisites are required if a candidate for the degree does not have a valid teaching certificate or current teaching license.

- EDEL 314 - Teaching Reading or
- EDRE 569 - Phonics & Found of Literacy

## Note(s):

- In addition, the graduate candidate must have (or be in the process of completing) a valid teaching certificate or license.

## Requirements for the M.Ed. in Multi-cultural Literature

The following coursework is required for the Master degree in Multi-cultural Literature for Children.

### MEd Core Requirements

(12 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

### Concentration Requirements

(18 credit hours) selected from the following, with EDCH 501 required.

- EDCH 501 - Advanced Children's Literature
- EDCH 505 - Storytelling as a Cultural Cra
- EDCH 510 - Writing & Publishing for Child
- EDCH 515 - Adolescent Literature
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDCH 524 - Children's Literature
- EDCH 525 - Analysis Child Lit Global Soc
- EDCH 526 - Children's Lit for Middle Chil
  
- EDEL 652 - Culturally Responsive Teaching

## Note(s):

- Students completing their studies for the M.Ed. in Multicultural Literature for Children must pass a comprehensive examination and must be able to write knowledgeably on the following areas: children's literature (in general), multicultural literature for children, storytelling as both a genre and a craft, the impact of multicultural literature on the elementary curriculum, adolescent literature as it impacts a global society, and analysis of appropriate literature for children. The M.Ed. candidate may sit for the exam after 27 hours for the degree have been successfully completed.

## Reading Specialist, M.Ed.

The degree of Master of Education with a concentration in Reading is a professional degree designed to meet the needs of licensed teaching professionals desiring to enhance their knowledge of the reading process with current theory and research and classroom application. This course of study is designed to prepare teacher candidates and classroom teachers to help students from preschool through high school to become effective, strategic readers who read and write enthusiastically and purposefully. It provides education and training for classroom teachers, media specialists, district literacy coaches, reading consultants, and reading supervisors.

Accordingly this degree is awarded to the candidate who has demonstrated a capacity for professional performance by satisfactorily completing the course of study designed to develop the following characteristics:

1. The ability to articulate and translate the interrelationship of reading, writing, speaking, listening, viewing and visually representing to classroom teaching and curriculum development.
2. The ability to work directly or indirectly with students of all grade levels who could benefit from advanced training in reading skills.
3. The ability to work with teachers, administrators, parents, and other professionals to improve and coordinate a school wide holistic reading program.

This program is also designed to meet the specifications of the International Reading Association, the National Council of Teachers of English, and State of Ohio course requirements for the Reading Endorsement. It also meets reading specialist licensure requirements in many states.

Go to <http://www.xavier.edu/reading/admission.cfm> to reference the admission requirements.

## Curriculum Prerequisites

These prerequisites are required if a candidate for the degree does not have a valid teaching certificate or current teaching license.

- EDRE 312 - Reading Methods or
- EDRE 512 - Reading Methods
  
- EDRE 314 - Reading Methods for Middle Chd or
- EDRE 514 - Reading Methods for Middle Chi
  
- EDRE 471 - Content Area Literacy or
- EDRE 671 - Content Area Literacy

## Note(s):

- The candidate should take an undergraduate course in children's literature or adolescent literature.
- In addition, the graduate candidate must have (or be in the process of completing) a valid Ohio teaching certificate or license.

## Requirements for the M.Ed. in Reading

The following coursework is required for the Master degree in Reading and meets the State of Ohio standards for the Reading Endorsement.

## MEd Core Requirements

(9 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

## Concentration Requirements

(21 credit hours)

### 15 hours required specifically with

- EDRE 569 - Phonics & Found of Literacy
- EDRE 671 - Content Area Literacy
- EDRE 672 - Theories of Reading
- EDRE 678 - Literary Assess: Adm, Ana, App
- EDRE 679 - Practicum in Reading

### 3 to 6 hours selected from the following Literature Elective List

- EDCH 501 - Advanced Children's Literature
- EDCH 505 - Storytelling as a Cultural Cra
- EDCH 515 - Adolescent Literature
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDCH 524 - Children's Literature
- EDCH 526 - Children's Lit for Middle Chil
- EDRE 676 - Teaching Writing Process

### 0 to 6 more hours selected, if needed, from

- EDEL 651 - Instr Strat For EL
- EDRE 675 - Current Research in Reading
- EDRE 685 - Teach Read Children w/SpC Need

### Note(s):

- Students completing their studies for the M.Ed. in Reading must pass a comprehensive examination writing knowledgeably on the following areas of literacy: phonics, reading strategies, literacy development, reading theories, content area literacy, vocabulary acquisition, the reading process, and diagnosis and remediation of reading. The M.Ed. candidate may sit for the exam after earning 27 credit hours. Successful completion of the degree is contingent on passing the exam.

## Reading Endorsement Requirements

Those completing the M.Ed. in Reading Education with a valid Ohio teaching license may also want to add the Reading Endorsement to their teaching license. The endorsement has a 21 hour. course requirement: 15 hours of coursework in reading and 6 hours in reading electives (see list above); and **100 hours of documented field hours** in the area of reading. Master degree candidates may work on their degree and the endorsement simultaneously. After completion of the course requirements for the endorsement, the State of Ohio requires that the candidate take the Ohio Assessment for Education in Reading O38 (Subtest 1) and Reading O39 (Subtest II) and receive a passing score to have the endorsement added to a valid license. Information regarding testing dates, location sites, and sample questions for OAE may be found on the Ohio Assessment for Educators website. <http://www.oh.nesinc.com>

### The following courses are currently required by the State of Ohio for the Reading Endorsement: \*

- EDRE 269 - Phonics & Foundation of Litera or
- EDRE 569 - Phonics & Found of Literacy
- EDRE 471 - Content Area Literacy or
- EDRE 671 - Content Area Literacy
- EDRE 672 - Theories of Reading
- EDRE 478 - Literary Assess: Adm, Ana, App or
- EDRE 678 - Literary Assess: Adm, Ana, App



- EDRE 679 - Practicum in Reading

And, choose two classes from the list below.

- EDCH 305 - Storytelling - Cultural Craft or
- EDCH 505 - Storytelling as a Cultural Cra
- EDCH 324 - Children's Literature or
- EDCH 326 - Children's Lit for Middle Chil
- EDCH 315 - Adolescent Literature
- EDCH 515 - Adolescent Literature
- EDCH 320 - Multi-Cultural Lit for Childrn or
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDME 562 - Phonics and Orton-Gillingham
- EDEL 651 - Instr Strat For EL
- EDRE 676 - Teaching Writing Process

Note(s):

- Ohio Assessments for Educators (OAE): You must pass two subject area concentration exams prior to student teaching. The "Principles of Learning and Teaching: 5-9" is taken during the student teaching semester. See OAE link at [www.xavier.edu](http://www.xavier.edu).
- Grades 4-6 Middle Childhood Endorsements are an option for persons holding a Middle School license. See Requirements for generalist endorsement under B.S. for Middle School Education.
- The following core courses fulfill Master of Education requirements but are not required to complete the middle childhood license requirements. They can be taken at any time within the six year limit. Students take the Comprehensive Exam related to the three core courses during the last semester of graduate course work.
  - EDFD 500
  - EDFD 505
  - EDFD 507
  - EDFD 508

## Secondary Education, M.Ed.

Xavier University's secondary/K-12 teacher education program provides a strong foundation in liberal arts education and emphasizes the importance of individual, educational growth, and professional development. A student is prepared to become competent, professional secondary/K-12 educators through thorough classroom instruction and in-depth experience with practicing secondary/K-12 teachers.

A student may pursue a Master of Education degree alone, or a Master of Education degree with licensure or only licensure alone.

The M.Ed. program is intended for those who wish to obtain an advanced degree with general emphasis in course work connected to secondary education. Although a degree program can be arranged to support teacher licensure, this degree does not provide all the preparation needed to achieve teacher licensure. Please contact the Department of Secondary and Special Education for guidance.

## Requirements for the M.Ed. in Secondary Education

30 total credit hours, as follows

MEd Core Requirements (9 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

Remaining 21 hours

The remaining 21 hours will consist of 12 hours taken from graduate level professional education courses or subject content courses (e.g. art, biology, chemistry, classics, English, French, Spanish, history, math, music, political science, or theology). The remaining 9 semester hours may be taken from any graduate level course, as elective courses. The M.Ed. candidate is free to select courses that advance teaching in the secondary school.

A maximum of 12 semester hours of Xavier University undergraduate courses (numbered 200 or higher) taken at the graduate level, with an earned grade of at least a B, may be applied to this program. Undergraduate credit earned at other institutions, while not allowed to count towards degree requirements, can be used for the purposes of licensure.

## Comprehensive Exam Requirement

Finally, a student's Master Of Education degree will be awarded only to candidates who have passed an extensive written examination covering the four general survey courses. Should the student fail the comprehensive exam, it may be repeated only once.

## Course Sequence for Graduate Student Licensure

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 510 - Adv Human Develop & Learning
- EDSP 500 - Sp Ed: Identification & Issue
- EDRE 671 - Content Area Literacy
- EDMS 550 - Technology & Topics for Teache
  
- EDSP 580 - Classroom Management
- EDMS 411 - Clinical Experiences \*
- EDMS 670 - Student Teaching AYA or
- EDMS 671 - Student Teaching Multit-Age
  
- EDMS 680 - Secondary Student Teaching Sem

### Note(s):

- \*Taken for undergraduate credit only.
- Student must complete all coursework, field/clinical hours and pass all Praxis tests to apply for license.
- Student must complete 12 hours MasterCore requirements; 18 hours from Special Education coursework and pass Comprehensive exam for completion of degree.

## Special Education, M.Ed.

### Master of Education in Special Education

The M.Ed. program in Special Education is intended for those who wish to obtain an advanced degree with general emphasis in course work connected to special education. Although a degree program can be arranged to support teacher licensure, this degree does not provide all the preparation needed to achieve teacher licensure. Please contact the Special Education Program for guidance.

### Requirements for the M.Ed. in Special Education

The Master Degree in Education in Special Education allows a student to advance their professional development with a focus on specific areas of special education. With the assistance of a special education advisor, a student will plan a 30 hour degree program that consists of the 9 hour Education M.Ed. core and 21 hour concentration of special education courses.

#### 9 hour core requirements

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

## 21 hour concentration in Special Education

Students with an advisor from the Special Education Programs will plan an 21 hour concentration of special education courses for the Master in Education Degree. These courses may come from the following special education licensure programs.

## Licensure/Endorsement Areas in Special Education

- Intervention Specialist License: Mild/Moderate, Moderate/Intensive, Primary Intervention Specialist (P-5), Gifted/Talented
- Endorsements: Pre-Kindergarten Special Needs, Gifted Talented, Transition to Work

## Comprehensive Exam Requirement

Finally, a student's Master of Education degree will be awarded only to candidates who have passed an extensive comprehensive examination of the education core and concentration courses. Students may schedule this exam during their last semester of course work. Should the student fail the comprehensive exam, it may be repeated only once.

## Graduate Level Licensure Areas for Special Education

The Special Education graduate teacher preparation programs are theory based with continual field application experiences. Students complete the licensure program with competencies in student centered learning/development interventions. Students must possess a bachelor's degree and must meet the Special Education Program requirements for admission. Student must consult with the Program Director of Special Education for program advising. Each licensure, we will work with you, and endorsement area has its own unique requirements as indicated by the State of Ohio guidelines. It is recommended that those interested in a licensure or endorsement to contact the Special Education Programs for licensure and endorsement advising.

## Notes:

The University is not obliged to recommend licensure of any type on the basis of the completion of a Master of Education degree or specific course work in education, Students must also meet leadership, communication, and character requirements and pass the required Ohio Assessment for Education and Teacher Performance Assessment tests of the State of Ohio Department of Higher Education for each specific license.

## Teaching English to Speakers of Other Languages, M.Ed.

The degree of Master of Education with a concentration in The Teaching of English to Speakers of Other Languages (TESOL) is a professional degree designed to meet the needs of licensed teaching professionals and other professionals desiring to enhance their knowledge of teaching English Learners with current theory and research as well as classroom application. This course of study is designed to prepare teacher candidates, classroom teachers, and other professionals to help students of all levels to become effective, strategic language learners who can speak, listen, read, and write effectively and purposefully in English. It provides training for classroom teachers, non-profit workers, English language tutors, and district TESOL coaches.

- Teachers with a valid Ohio teaching license can add this endorsement in order to teach in K-12 schools. In other words, the graduate candidate for the endorsement must have (or be in the process of completing) a valid teaching certificate or license.
- Professionals without a valid Ohio teaching license can earn a certificate, allowing them to teach in non-school settings and/or tutor.

Accordingly, this degree is awarded to the candidate who has demonstrated a capacity for professional performance by satisfactorily completing the course of study designed to develop the following characteristics:

1. The ability to articulate and translate the interrelationship of language skills in reading, writing, speaking, and listening to classroom teaching and curriculum development.
2. The ability to work directly or indirectly with English learners of all ages who could benefit from furthering their English language skills.
3. The ability to work with teachers, family members, administrators, and other professionals to improve and coordinate the total TESOL program of a school or organization.

This program is also designed to meet the specifications of the TESOL International Organization and State of Ohio course requirements for the TESOL Endorsement. It also meets TESOL licensure requirements in many states.

Go to <http://www.xavier.edu/reading/admission.cfm>

## Requirements for the M.Ed. in TESOL

The following coursework is required for the Master degree in TESOL and meets the State of Ohio standards for the TESOL Endorsement and the Xavier University TESOL certificate.

### MEd Core Requirements

9 credit hours

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

### Concentration Requirements

18 hours required specifically

- EDRE 569 - Phonics & Found of Literacy
- EDEL 650 - Foundations of TESOL
- EDEL 651 - Instr Strat For EL
- EDEL 652 - Culturally Responsive Teaching
- EDEL 653 - Effective Assessment Practices
- EDEL 654 - Aspects of Language and Socio

3 hours selected as a Graduate Level Elective Course (500-level or higher)

Note(s):

- Students completing their studies for the M.Ed. in TESOL must pass a comprehensive examination and must be able to write knowledgeably on the following areas of TESOL: phonics and phonemic awareness, the core foundations of second language acquisition, cultural transmissions and legal requirements, cultural competence and teaching strategies, assessments, and language transfer. The M.Ed. candidate may sit for the exam after completing 27 hours. Successful completion of the degree is contingent on passing the exam.

## Master of Health Services Administration

### Health Services Administration (Executive Program), M.H.S.A.

The Master of Health Services Administration program is a CAHME-accredited, nationally-ranked program preparing leaders in healthcare management since 1958. The Executive Master in Health Services Administration (EMHSA) track is offered 100% online to accommodate the needs of working professionals with three or more years of experience in health organizations, or equivalent.

- The alumni work across the US in top leadership positions in, e.g., health systems, hospitals, group practices, insurance companies, consulting firms, pharmaceutical companies, government, community health centers.
- Flexible scheduling: Enroll in 1, 2, or 3 online classes per semester to complete the degree at your own pace
- Student-focused: Benefit from close interactions between students and with faculty
- Qualified instructors: Learn from expert Xavier faculty and leaders in health organizations
- Nationwide exposure: Collaborate with other students located across the nation
- Elite network of alumni: Join an outstanding and supportive network of Xavier MHSA graduates

# Application Requirements

If you hold a bachelor's degree from an accredited institution and are employed with 3+ years of healthcare experience (or similar), you can apply online at <https://admit.xavier.edu/apply>. The application deadline is August 1st for the fall semester and December 1st for the Spring semester. Admission is on a rolling basis and will be considered after you have submitted all the required documents and had a phone or video interview with the Admission Committee members. For more information, visit our [www.xavier.edu/emhsa](http://www.xavier.edu/emhsa).

## Academic Standing

MHSA students are held to high academic and personal standards. A cumulative grade point average (GPA) of 3.00 in the MHSA curriculum is required to be in good standing in the program and for graduation. In the rare case of an academic setback, a student should contact their advisor and, if necessary, the MHSA Program Director to discuss the reason for the setback as soon as possible, preferably before the end of the semester.

## Academic Warning

Students who have a cumulative graduate grade point average less than 3.00 at the end of any semester will be placed on academic warning. Academic warning is noted in a student's permanent record and extends for the duration of the following semester. No credit is granted for courses in which a student receives a grade of "F".

## Dismissal from the Program:

MHSA students on academic warning who do not raise their GPA above 3.00 the following semester after being placed on Academic Warning will be dismissed from program at the discretion of the MHSA Program Director. Executive online students who receive a failing grade "F" or two withdrawals "W" may be dismissed from the program at the discretion of the MHSA Program Director following a conversation regarding the circumstances.

## Curriculum

The online EMHSA program consists of 14 courses for a total of 42 total hours. All courses are three credit hours each. The sequence of courses is determined jointly by the student and their advisor. As an example, here is an approved two-year courses sequence:

### Year 1

- HESA 511 - Managerial Concepts in H.C Org
- HESA 521 - Quant Methods for HC Admin
- HESA 572 - Healthcare Systems
- HESA 523 - Quality & Process Improvement
- HESA 567 - Applied Epidemiology
- HESA 516 - Human Resource Mgmt in HC
- HESA 534 - Health Anal & Decision Support

### Year 2

- HESA 519 - Strategic Mgmt & Marketing
- HESA 552 - HC Revenue Cycle & Insurance
- HESA 578 - Health Economics and Policy
- HESA 555 - Applications in HC Finance
- HESA 559 - Healthcare Project Admin
- HESA 582 - Ethics and Law in Healthcare
- HESA 600 - Capstone Project in HSA

# Health Services Administration, M.H.S.A.

The Master of Health Services Administration (MHSA) program is committed to meeting the need for effective leadership of the rapidly changing health care system. Academic work and residency/fellowship experience are designed to provide students with the necessary cutting-edge conceptual, analytical, and interpersonal skills, particularly in the areas of team development, systems improvement, quantitative analysis, information systems, strategic planning, financial strategization, and ethical decision-making. The MHSA Program is accredited by the Commission on Accreditation for Health Management Education (CAHME). Upon graduation, students obtain managerial leadership positions in a variety of health care organizations, including health systems, academic medical centers, community hospitals, managed care organizations, medical group practices, insurance companies, long-term care facilities, public health agencies, consulting firms, and governmental policy-making and regulatory agencies.

## Admission Requirements

A bachelor's degree from an accredited school is required of all applicants. Students are admitted to the Graduate Program if they are considered academically qualified and are able to demonstrate potential in the development of analytical, creative problem solving, communication, interpersonal, and leadership skills. Students come from a variety of academic backgrounds including health services, psychology, business, natural sciences and general studies.

Go to <https://www.xavier.edu/master-of-health-services-administration-program/admission/index> to reference the specific admission requirements.

## Prerequisites

We highly recommend that applicants complete a basic undergraduate or graduate course in each of the following subjects prior to beginning the MHSA Program: accounting, statistics and microeconomics. Applicants should also be competent with Microsoft Word and Excel.

## Academic Standing

MHSA students are held to high academic and personal standards. A cumulative grade point average (GPA) of 3.00 in the MHSA curriculum is required to be in good standing in the program and for graduation. In the rare case of an academic setback, a student should contact their advisor and, if necessary, the MHSA Program Director to discuss the reason for the setback as soon as possible, preferably before the end of the semester.

## Academic Warning

Students who have a cumulative graduate grade point average less than 3.00 at the end of any semester will be placed on academic warning. Academic warning is noted in a student's permanent record and extends for the duration of the following semester. No credit is granted for courses in which a student receives a grade of "F".

## Dismissal from the Program:

MHSA students on academic warning who do not raise their GPA above 3.00 the following semester after being placed on Academic Warning will be dismissed from program at the discretion of the MHSA Program Director.

The full-time MHSA track is cohort driven. Therefore, students receiving a failing grade "F" or withdrawing from a course at any time during their academic program may be dismissed from the program at the discretion of the MHSA Program Director following a conversation regarding the circumstances.

## Curriculum

A total of 66 credit hours must be completed to fulfill the requirements of the MHSA degree: 56 credit hours of didactic coursework and 9 credit hours of administrative residency and master's project.

## Master's Project

Each student is required to complete a master's project as a condition for graduation. The project must demonstrate competencies listed in the Guidelines for the Administrative Residency and reflect an aspect of health systems management of interest to both the student and preceptor, with a final approval from the faculty advisor.

## Administrative Residency

The administrative residency is part of the full time curriculum; no didactic courses are taken during this time. It provides an eight to twelve month "real world" experience in an organizational setting under the preceptorship of senior management. During the residency, students apply the knowledge and skills mastered in the classroom to an administrative work environment. The administrative residency serves as an opportunity not only to learn the actual practice of management, but also for creating mentor relationships.

## Sample Schedule

### Year 1

#### Fall Year 1 (16 credit hours)

- HESA 511 - Managerial Concepts in H.C Org
- HESA 521 - Quant Methods for HC Admin
- HESA 551 - Fundamentals of HC Finance
- HESA 561 - Clinical Medicine for HC Admin
- HESA 572 - Healthcare Systems
- HESA 601 - Professional Development I

#### Spring Year 1 (16 credit hours)

- HESA 519 - Strategic Mgmt & Marketing
- HESA 523 - Quality & Process Improvement
- HESA 555 - Applications in HC Finance
- HESA 567 - Applied Epidemiology
- HESA 575 - Economics for HC Admin
- HESA 602 - Professional Development II

#### Summer Year 1 (0 credit hours)

- Internship for 2-3 months in a healthcare organization, paid or unpaid, not for credit. Doing an internship is strongly encouraged but not required.

### Year 2

#### Fall Year 2 (13 credit hours)

- HESA 534 - Health Anal & Decision Support
- HESA 559 - Healthcare Project Admin
- HESA 579 - Healthcare Policy
- HESA 581 - Health Care Legal Aspects
- HESA 603 - Professional Development III

#### Spring Year 2 (12 credit hours)

- HESA 516 - Human Resource Mgmt in HC
- HESA 552 - HC Revenue Cycle & Insurance
- HESA 583 - Ethical Issues in Health Care
- HESA 599 - MSHA Integrative Capstone Proj
- HESA 604 - Professional Development IV

## Summer Year 2 (3 credit hours)

- HESA 720 - Residency I

## Year 3

### Fall Year 3 (3 credit hours)

- HESA 730 - Residency II

### Spring Year 3 (3 credit hours)

- HESA 750 - Residency III

## Concurrent Degrees Program

Students have the option of obtaining concurrent master's degrees in Health Services Administration and Business Administration (MHSA/MBA). Normally, one additional semester of study is required provided the student has the appropriate undergraduate business administration coursework. The program of study requires 99 graduate credit hours: 57 credit hours of Health Services Administration coursework, 9 credit hours of administrative residency, 33 credit hours of MBA coursework, plus necessary prerequisites. Candidates must apply and be accepted to both programs. Upon completion, the student receives two separate degrees.

## Master of Science

### Accountancy, M.S.

The Master of Science in Accountancy is designed to provide students with the competencies necessary to begin careers as outstanding professional accountants. The program is primarily designed for students with an undergraduate major or minor in accounting.

Graduates of the program will demonstrate competency in financial accounting, tax accounting, and in other skills needed to enter the profession. MACC students will also use their technical skills to provide valuable community service to local residents through the Volunteer Income Tax Assistance program. Students will complete intensive and challenging coursework to prepare them for careers in assurance, tax, financial accounting, and advisory services. MACC graduates will also be well prepared to sit for the CPA examination.

CPA exam eligibility and licensing criteria vary on a state by state basis, and can be found at [www.nasba.org](http://www.nasba.org). Ohio requirements can be found at <http://acc.ohio.gov/CPAExam.aspx>. See Xavier's Professional Licensing Disclosure at <https://www.xavier.edu/professional-licensure/>.

## Curriculum

### Students with an undergraduate degree in Accounting

Students with an **undergraduate degree in accounting** will be required to complete 30 credit hours from the three primary program components:

- MACC 529 - Adv Fin Actg & Reporting
- MACC 612 - Income Tax Review & Advising
- MACC 616 - Tax of Flow Through Entities
- MACC 641 - Capstone Seminar I
- MACC 642 - Capstone Seminar II

### Students with an undergraduate degree other than in Accounting



- Students with an **undergraduate degree other than accounting** will be required to complete from 30-45 credit hours, depending on prior coursework. This includes the six required MACC-designated courses listed above (18 credit hours).
- The following courses or their equivalents must also be taken (up to 24 hours, depending on the student's prior coursework). Up to three of these courses may be taken to fulfill the graduate course electives.
  - ACCT 550 - Managerial Accounting
  - BAIS 500 - Business Statistics
  - FINC 550 - Fundamentals of Finance
  - MACC 504 - Acct Info Systems & Controls
  - MACC 507 - Financial Acct & Reporting
  - MACC 508 - Financial Acct & Reporting II
  - MACC 511 - Introduction to Taxation
  - MACC 590 - Auditing Concepts & Practices

## Concentration

Optional concentrations are available.

### Business Analytics concentration

3 courses (9 credit hours) from the following:

- BAIS 630 Robotic Process Automation
- BAIS 655 Business Intelligence
- BAIS 659 Foundations of Security
- BAIS 665 Business Analytics for Managers
- BAIS 674 Database Management
- BAIS 680 Intro to Data Mining
- BAIS 689 Data Visualization

### Finance concentration

3 courses (9 credit hours) from the following:

- FINC 600 Managerial Finance
- FINC 602 Investment Management
- FINC 621 Options and Futures Markets
- FINC 640 Purchase, Sale and Valuation of Closely-Held Firms
- FINC 645 Mergers and Acquisitions
- FINC 663 Fixed Income & Debt Management
- FINC 664 Bond Portfolio Management
- FINC 684 Financial Modeling

## Athletic Training, M.S.

Athletic training is recognized by the American Medical Association (AMA), Health Resources Services Administration (HRSA) and the Department of Health and Human Services (HHS) as an allied health care profession.. The Xavier University Athletic Training Program (XU-ATP) functions to prepare students, in the Jesuit tradition, to serve others through competent and compassionate healthcare. The XU-ATP provides a positive learning environment that fosters ethical decision-making, and collaboration with emphasis on instilling the values of continuous improvement and life-long learning. The XU-ATP merges rigorous course work with a variety of applied clinical experiences to build a strong foundation for a career in the field of athletic training.

The Xavier University Athletic Training Program fulfills the curricular guidelines established by the Commission on Accreditation of Athletic Training Education (CAATE) and the National Athletic Trainers' Association (NATA). Completing a degree in our Master of Science in Athletic Training program fulfills the eligibility requirements of the BOC certification exam. Graduates of Xavier University's Athletic Training Program receive a Master of Science (M.S.) degree in Athletic Training and are eligible to sit for the BOC exam.

Go to <https://www.xavier.edu/master-of-science-in-athletic-training-program/index> for current information pertaining to accreditation, program admission, technical standards, graduation requirements and the curriculum.

Students may enter the M.S. in Athletic Training degree through one of two options (see below).

#### **Option 1: 2-year program for students with a bachelor's degree**

Students who have demonstrated excellent academic achievement in completion of a bachelor's degree and have completed all prerequisites may complete the 2-year / 5-semester MS in AT degree.

### **Option 2: 5-year program for students without a bachelors degree (3+2 design)**

In the first three years of this program students will complete courses to fulfill all XU core requirements, Exercise Science major requirements, and prerequisites for the MS in AT program. Once accepted into the MS in AT degree program, students complete the 2-year / 5-semester MS in AT degree. At 120 credits students will be eligible to earn an undergraduate degree in Exercise Science. After the fifth year, students will earn a Master of Science in Athletic Training.

Note 1: Xavier University has an articulation agreement with Ohio Northern University. Students attending Ohio Northern University with a concentration in Clinical and Rehabilitation Sciences may apply to Xavier University during their 3<sup>rd</sup> year in the program. Qualified students who are admitted into the MSAT program, may be permitted to start the MSAT program prior to completion of their bachelors degree from Ohio Northern University. This program is similar to option 2 above. Please contact the program director for more information.

Note 2: Xavier University has an articulation agreement with Mount Saint Joseph University. Students attending Mount Saint Joseph University may apply to Xavier University during their 3<sup>rd</sup> year in the program. Qualified students who are admitted into the MSAT program, may be permitted to start the MSAT program prior to completion of their bachelors degree from Mount Saint Joseph University. This program is similar to option 2 above. Please contact the program director for more information.

## Program Admission Requirements

See [MS in Athletic Training Admission Requirements](#) for application and admission details. Acceptance into the MSAT program includes but is not limited to the following: completion of pre-requisites with a minimum GPA of 3.0, completion of 40 observation/professional exploration hours with an athletic trainer, 2 letters of recommendation, answers to application questions, and an interview with a MSAT faculty member.

## Progression & Retention Requirements

- Students must earn a minimum grade of "B-" in all courses. Students may repeat a course one time to improve their grade and meet graduation requirements. If a student does not meet the minimum grade requirement the second time a course is taken, they will not be permitted to retake the course, and will be dismissed from the program.
- Students must follow all XU-ATP policies & procedures and adhere to the XU-ATP Code of Ethics and the NATA Code of Ethics. Violations will be dealt with on an individual basis, but could result in probation, suspension, or expulsion of the program depending on the severity.
- Students must pass each program checkpoint. Checkpoints consist of academic and clinical program expectations. Any student that does not meet each component of a checkpoint will be placed on academic probation.

## Graduation Requirements

- Students must have a minimum cumulative GPA of 3.0.
- Students must have a minimum grade of "B-" in each required course.
- Students must pass each program checkpoint.

## Required Courses

- ATTR 500 - Care & Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology
- ATTR 521 - Lower Extremity Injuries
- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 531 - Therapeutic Interventions 1
- ATTR 532 - Therapeutic Interventions II
- ATTR 540 - Evidence Based Practice
- ATTR 541 - Research I
- ATTR 550 - IP Collaboration
- ATTR 561 - Clinical Experience I
- ATTR 562 - Clinical Experience 2
- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts
- ATTR 633 - Therapeutic Interventions III
- ATTR 642 - Research II
- ATTR 650 - Contemporary Issues in AT

- ATTR 663 - Clinical Experience 3
- ATTR 664 - Clinical Experience 4

## Course Sequence

### Summer Semester

- ATTR 500 - Care & Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

Total (9)

### First Year

#### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Interventions 1
- ATTR 540 - Evidence Based Practice
- ATTR 561 - Clinical Experience 1

Total (11)

#### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Interventions 2
- ATTR 541 - Research 1
- ATTR 550 - IP Collaboration
- ATTR 562 - Clinical Experience 2

Total (13)

### Second Year

#### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts
- ATTR 633 - Therapeutic Interventions 3
- ATTR 642 - Research 2
- ATTR 663 - Clinical Experience 3

Total (12)

#### Spring Semester

- ATTR 650 - Contemporary Issues in AT
- ATTR 664 - Clinical Experience 4

Total (9)

## **Criminal Justice, M.S.**

The mission of the Department of Criminal Justice is to equip Master of Science students with the competence and conscience needed to: (a) function and/or advance professionally in criminal justice agencies or (b) pursue further graduate work in criminal justice or related fields.

The Master of Science program in Criminal Justice is designed for those persons who are interested in studying the theory and practice of criminal justice in law enforcement, courts, corrections, and the private sector.

The Master of Science program in Criminal Justice places an emphasis on criminal justice administration. Today, there is an ever increasing demand for highly qualified criminal justice administrators in public and private sector organizations to keep them running efficiently and effectively. The primary job of a criminal justice administrator is to provide oversight and supervision in matters related to crime and justice.

The program is geared toward students whose goal is to become criminal justice administrators at the middle and upper management level. Accordingly, an emphasis is placed on students learning management skills such as public relations, accounting and finance, human resources, policy formulation, budgeting, human interaction, crisis strategies, organizational behavior, and writing skills.

The program is designed for working professionals seeking career advancement, those preparing entrance into the field, and those interested in acquiring management skills and knowledge about the problems and practices within the criminal justice system.

The degree is designed for the busy working professional. Thus, courses are offered in an online or an online blended format where students will have face-to-face time with the instructor on certain selected weekends (Friday evenings and Saturday) during the semester. Full-time students can complete the degree in one year. Part-time students can complete the degree in two years.

The degree of Master of Science with a major of Criminal Justice will be conferred only to candidates who have successfully completed 30 credit hours -- this includes research requirements. A comprehensive written exam on the general field of criminal justice, based on the required courses, is required at the conclusion of the program. Also, an overall graduate level grade point average of 2.800 must be attained.

**The 30 credit hours are distributed as follows:**

### **Basic required courses:**

Students are required to take ten core courses (30 semester hours) designed to provide comprehensive coverage of the field of criminal justice with an administration concentration. They are:

30 Hours

- CJUS 611 - Law & Justice in America
- CJUS 620 - Socio of Crime & Delinquency
  
- CJUS 642 - Criminal Justice Administratio
- CJUS 643 - Correctional Counseling
  
- CJUS 683 - Research & Planning in CJUS
- CJUS 784 - Research Essay: Seminar

### **Comprehensive Exam**

At the close of their studies for the MS, students must pass a comprehensive examination.

### **Note(s):**

- The MS program in Criminal Justice invites applications from students with a bachelor's degree and a solid academic record. Admission decisions are based on factors such as past academic performance, standardized test score, and other information submitted. Applications for this program are accepted throughout the year. A student may begin the program in the summer, fall, or spring term.

## **Customer Analytics, M.S.**

The Master of Science in Customer Analytics trains and develops future problem-solving leaders. As the size of the digital universe continues to double every 2 year, and is expected to continue to do so, the need for Practitioners, Data Scientists, Solutions Leaders, and Analysts will continue to grow. Through the utilization of real-world data sets, students gain the skills, confidence and expertise required to succeed in today's information sensitive environment. Students are sought who are analytically curious. Graduates will harness and communicate the full value of large data sets prevalent in today's "big data" business environment. Graduates will review data sets, identify potential problems, and will have awareness of and can identify the correct analytic techniques. They will then effectively communicate results to others with the goal of improving management decision making.

The Master of Customer Analytics is currently recruiting both full-time and part-time students for Fall 2024. The program is STEM certified and offers extended OPT for international graduates.

## Prerequisites

- MKTG 550: Marketing Strategy
- STAT 500: Business Statistics
- TUTORIAL: Excel Tutorial - Pearson Higher Education
- TUTORIAL: R-Programming or SAS Programming 1 - completion by 1st semester
- TUTORIAL: Statistics 1 © SAS Institute Inc - completion by Week #12, 2nd semester
- TUTORIAL: Qlik® or Tableau® Data Visualization Workshop - completion by end of 1st year

## Required Courses

30 credit hours are required

- MSCA 602 - Marketing Research
- MSCA 605 - Applied Multivariate Analysis
- MSCA 610 - Analytics Practicum
- MSCA 640 - Consumer-Centric Category Mgmt
- MSCA 660 - Statistical Programming
- MSCA 664 - Consumer Behavior Theory
- MSCA 665 - Business Analytics for Mgrs
- MSCA 674 - Database Management
- MSCA 680 - Intro Data Mining for Managers
- MSCA 689 - Data Visualization

## Notes

- 30 Credit Hours in the CORE are required for the degree. Select classes may be substituted if another Graduate Business Degree is present (i.e., MBA may substitute another Marketing elective for MKTG 550-Marketing Strategy, etc.)

## Special Education, M.S.

The MS in Special Education is a more widely sought program by people seeking information regarding disabilities without intent for licensure which might include other related health service providers. It is also an additional means for someone who already has a MEd to obtain an additional degree. The MS has a scientific view of education and also provides an avenue for students outside of the field of education.

## Outcomes

- Candidates demonstrate challenging expectations for individuals with exceptionalities to develop the highest possible learning outcomes and quality of life potential in ways that respect their dignity, culture, language, and background.
- Candidates demonstrate a high level of professional competence and integrity and exercising professional judgment to benefit individuals with exceptionalities and their families.
- Candidates will promote meaningful and inclusive participation of individuals with exceptionalities in their schools and communities.
- Candidates will develop relationships with families based on mutual respect and actively involving families and individuals with exceptionalities in decision making.
- Candidates will use evidence, instructional data, research, and professional knowledge to inform practice.
- Candidates will practice within the professional ethics, standards, and policies of CEC; upholding laws, regulations, and policies that influence professional practice; and advocating improvements in laws, regulations, and policies.

# Curriculum

30 Credit Hours, including

## Special Education Core

9 credit hours

- STAT 516 - Introduction to Statistics or
- EDMS 506 - Statistical Methods
  
- EDSP 617 - Administrative Partnerships
- EDSP 618 - Qual & Quant Research
- EDSP 619 - SPED: Research Paper

## Special Education Electives

21 hours from:

- EDSP 500 - Sp Ed: Identification & Issue
- EDSP 501 - Intro to Emotionally Dist Chil
- EDSP 503 - Sp Ed: Comm & Collaboration
- EDSP 505 - Foundations in ECSPED
- EDSP 556 - Resources in Trans. Ed & Serv
- EDSP 560 - M/M Characteristics & Strategi
- EDSP 563 - Sp Ed: Assessment & Evaluation
- EDSP 564 - DAP Instructional Materials
- EDSP 567 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 570 - M/I Characteristics & Strategy
- EDSP 572 - Comm Strategies & Techniques
- EDSP 573 - M/I Assessment & Evaluation
- EDSP 580 - Classroom Management
- EDSP 581 - Play & Its Role in Dev & Learn
- EDSP 583 - Res Mat & Tech: Gift/Talent
- EDSP 616 - Philosophy & Cultural Diversit

## Sport Administration, M.S.

The degree of Master of Science with a concentration in Sport Administration is designed to prepare an individual for a career within the expanding sport industry. The program is fully online, using an 8-week asynchronous format for all courses. The curriculum was designed utilizing the guidelines recommended by the North American Society for Sport Management (NASSM) and the Commission on Sport Management Accreditation (COSMA).

A three semester hour internship, six semester hour internship, or a research project is required, depending on each student's individual background and career goals. The internship may be taken after a student has successfully completed 15 semester hours. Internships are planned and supervised learning activities which take place in a sport administration related environment. The student will be supervised by a sport management practitioner. There is no comprehensive exam.

## Admission Requirements

For admission information for the graduate level programs, go to <http://www.xavier.edu/sport-administration/> on the Xavier University website. The program is designed to be accessible to full-time or part-time students. Students may be admitted to the program in any semester.

## Requirements for the M.S. in Sport Administration:

This M.S. degree requires a minimum of 30 credit hours with a minimum overall GPA of 2.800.

## Core Requirements (15 semester hours)

- SPMG 521 - Intro to Sport Administration
- SPMG 522 - Sport Research & Statistics
- SPMG 595 - Sports Administration: Mktg
- SPMG 596 - Sports Administration: Finance
- SPMG 598 - Legal & Ethical ISS Sport & PE

## Research and Field Experience (3-6 semester hours), select one option

- SPMG 692 - Sport Admin Research Project or
- SPMG 695 - Internship in Sport Admin

## Elective Courses (6-9 semester hours)

- SPMG 523 - Sports Administration Seminar
- SPMG 570 - Psycho-Social Aspects of Sport
- SPMG 610 - Sport Ethics
- SPMG 620 - Sport Leadership
- SPMG 622 - Personnel Issues in Sport Mgmt
- SPMG 625 - High School Athletic Admin
- SPMG 632 - Sport Event Mgmt & Promotion
- SPMG 642 - Sport Fundraising
- SPMG 652 - NCAA:Rules Regulations Policy
- SPMG 654 - Women in Sport
- SPMG 662 - PR & Communication in Sport
- SPMG 664 - Facility Design & Planning
- SPMG 666 - Fitness Management
- SPMG 668 - Admin of Fitness & Wellness Pr
- SPMG 670 - Independent Study

## Master of Science in Nursing

### Nursing, M.S.N.

The Master of Science in Nursing is available for pre- and post-licensure students.

The second degree Nursing, M.S.N. (MIDAS Program - Pre-licensure) is designed for the individual with a bachelor degree in another discipline who wishes to be a registered nurse. See MIDAS information and curriculum at [www.xavier.edu/msn/midas](http://www.xavier.edu/msn/midas). See admission for MSN MIDAS at [www.xavier.edu/msn/msn-midas-admission.cfm](http://www.xavier.edu/msn/msn-midas-admission.cfm).

The Master of Science in Nursing (MSN) for registered nurses provides the opportunity to obtain advanced level preparation in nursing science. Graduates of the program are prepared to assume professional leadership roles that encompass educational, consultative, and managerial functions. They are prepared to design and establish delivery services and practice in response to current health care policy changes.

The MSN for registered nurses requires a minimum of 36 semester hours of which a minimum of ten semester hours are required for each track.

## Objectives of the MSN Program

Core nursing and graduate support courses provide a foundation and with the opportunity to obtain advanced level preparation in nursing science.

Graduates of the MSN program are prepared to assume professional leadership roles that encompass educational, consultative, and managerial functions. They are also prepared to design and establish delivery services in response to current health care policy changes.

The graduate of the program of study leading to the Master of Science in Nursing degree will:

1. Synthesize theoretical and empirical knowledge from the humanities and the sciences, including nursing, and evaluate it for its use in guiding nursing research and practice.
2. Exhibit competence and confidence when assuming role responsibilities as a graduate with advanced level preparation.
3. Exemplify moral and ethical leadership through a concern for others, the management of nursing care, and a commitment to professional excellence in the delivery of health care and the profession.
4. Evaluate issues and opportunities in health care delivery from ethical, sociopolitical, technological, and historical frameworks while providing leadership for change.
5. Validate and extend nursing knowledge through interpretation of and collaboration in nursing research.
6. Communicate orally and in writing in a scholarly manner.
7. Develop in-depth knowledge in a concentrated area of study.

## Admission

A Bachelor of Science in Nursing is required for admission to the MSN program

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)

## Requirements for the MSN degree

### Nursing Core Requirements (20 semester hours)

(MSN FNP requires 17 hours, MSN MIDAS requires 18 hours)

- NURS 500 - Health Care Ethics-Nurse Leads
- NURS 501 - Theoretical Bases for Nurs Pra
- NURS 502 - Nursing Research
- NURS 690 - Healthcare Policy-Nurse Leader
- NURS 754 - Ldrshp/Management Concepts (FNP students take NURS 532 in place of NURS 754)
  
- NURS 505 - Health Care Informatics OR
- NURS 854 - Advanced Informatics (NURS 854 required for MSN Clinical Nurse Leader track and MSN MIDAS)
  
- NURS 864 - Epidemiologic Methods

### Synthesis & Application for Registered Nurses

MIDAS is a pre-licensure program and requires NURS 857 in place of of NURS 703, 705, 797.

#### Education and Forensics tracks:

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

#### Family Nurse Practitioner track

- NURS 797 - Scholarly Project

### MSN MIDAS

See Nursing, M.S.N. (MIDAS Program - Pre-licensure)



## Track (Minimum of 10 semester hours)

### Education Track:

- NURS 580 - Patho Pharm & Assess Nurse Ed
- NURS 660 - Adult Learners HC Academia
- NURS 662 - Adv Technology & Simulation (Optional Elective Course)
- NURS 664 - Teaching Strategies
- NURS 670 - Curr Assess Plan Dev Eval

### Forensics Track:

- NURS 642 - Psycho/Social/Legal Forensics
- NURS 648 - Found of Forensic Nursing
- CJUS 620 - Socio of Crime & Delinquency
- NURS 779 - Applied Interprofession Collab

### Family Nurse Practitioner Track:

Courses restricted to FNP students.

- NURS 658 - Advanced Clinical Pharmacology
- NURS 680 - Adv Pathophysiology Lifespan
- NURS 756 - Advanced Health Assess RN
- NURS 770 - Primary Care Fam Pract Role
- NURS 771 - WomenΓÇOs & Family Heal Care Pra
- NURS 772 - WomenΓÇOs and Family Health Care
- NURS 773 - Ped & Adol Health Care Pract
  
- NURS 775 - Adult & Geriatric Fam Care Pra
- NURS 776 - Adult & Geriatric Family Care
- NURS 777 - FNP In Practice

### FNP Track Notes:

- Each practicum credit hour is eight clinical hours: 1:8.
- The total number of practicum hours required for the FNP is 600.
- A total of 47 hours is required - with a minimum overall cumulative GPA of 3.000.

The following tracks are not admitting students at this time.

### Administration Track:

Synthesis & Application for Registered Nurses Required Courses

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

Track

- NURS 634 - Nurs Admin In Complex Health
- NURS 636 - Financial Mgmt for Nursing Adm
- NURS 764 - Administrative Informatics
- A Guided Elective Course

## Clinical Nurse Leader Track:

### Synthesis and Application for Registered Nurses

- NURS 559 - Microsystem Assessment
- NURS 859 - CNL Scholarly Project I
- NURS 861 - CNL Scholarly Project II
- NURS 871 - Leadership Practicum

### Track

- NURS 558 - Introduction to CNL for RNs
- NURS 602 - Applying CNL Concepts to RNs
- NURS 658 - Advanced Clinical Pharmacology
- NURS 680 - Adv. Pathophysiology for RNs
- NURS 756 - Advanced Health Assessment RN

## General Studies Track:

### Synthesis & Application for Registered Nurses Required Courses

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

### Track

Customize course of study. Choose courses from any of these tracks Administration, Education, Clinical Nurse Leader, Forensics, Health Care Law, or Informatics. May serve as a path to a future goal.

## Health Care Law Track:

### Synthesis & Application for Registered Nurses Required Courses

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

### Track

- NURS 610 - Liability Health Care Org/Prof
- NURS 611 - Med-Lgl Rsrch, Writing & Presn
- NURS 642 - Psycho/Social/Legal Forensics
- HESA 581 - Health Care Legal Aspects

## Informatics Track:

### Synthesis & Application for Registered Nurses Required Courses

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

### Track

- NURS 634 - Nurs Admin In Complex Health
- NURS 764 - Administrative Informatics
- NURS 779 - Applied Interprofession Collab
- NURS 854 - Advanced Informatics

## General Note:

- A minimum of 36 credit hours is required, with a minimum overall cumulative GPA of 3.000.

## Nursing, M.S.N. (MIDAS Program - Pre-licensure)

The Master of Science in Nursing: Direct Entry as Second Degree, the (MIDAS) program is designed for mature, goal-directed individuals who have a bachelor degree in a discipline other than nursing who desire to be a licensed registered nurse (RN). The twenty month MIDAS program is a five-semester (including one summer), fulltime program of study. Upon successful completion of the program, the student is eligible to sit for the National Council Licensure Exam-Registered Nurse (NCLEX-RN). The student will graduate with a Master of Science in Nursing (MSN).

The MIDAS program includes the Clinical Nurse Leader (CNL) role within this generic master's program. The Clinical Nurse Leader is an innovative nursing role developed by the American Association of Colleges of Nursing to prepare graduate nurse leaders for reforming the health care delivery system and putting best practice into action. All MIDAS graduates who have become registered nurses are eligible to sit for the Clinical Nurse Leader Certification Examination and are also eligible to sit for the American Holistic Nurses' Certification examination.

Admission Requirements: [www.xavier.edu/msn/MSN-MIDAS-Admission.cfm](http://www.xavier.edu/msn/MSN-MIDAS-Admission.cfm)

## Curriculum

The MSN MIDAS program requires five semesters (fall/spring/summer/fall/spring) of full-time study.

### MSN MIDAS Nursing Core (18 semester hours)

- NURS 500 - Health Care Ethics-Nurse Leaders
- NURS 501 - Theoretical Bases for Nursing Practice
- NURS 502 - Nursing Research
- NURS 754 - Leadership/Management Concepts
- NURS 854 - Advanced Informatics
- NURS 864 - Epidemiologic Methods

### MIDAS Courses

- NURS 550 - Nursing Perspectives I
- NURS 552 - Art & Science of Nursing
- NURS 553 - Art & Science of Nursing Practice
- NURS 554 - Essentials of Pathophysiology
- NURS 560 - Nursing Perspectives II
- NURS 562 - Art & Science of Family Nursing
- NURS 563 - Art & Science of Family Nursing Practicum
- NURS 564 - Art & Science of Adult Nursing
- NURS 565 - Art & Science of Adult Nursing Practice
- NURS 650 - Art & Science of Advanced Nursing
- NURS 651 - Art & Science of Advanced Nursing Practicum
- NURS 652 - Art & Science of Psychiatric Nursing
- NURS 653 - Art & Science of Psychiatric Nursing Practice
- NURS 654 - Advanced Pharmacology
- NURS 656 - Advanced Pathophysiology
- NURS 750 - Nursing Perspectives III
- NURS 752 - Community Nursing/Public Health Policy
- NURS 753 - Community/Public Health Nursing Practicum
- NURS 850 - Nursing Perspectives IV

### Synthesis & Application for MSN MIDAS

- NURS 857 - Leadership Practice and Scholarly Project

## Note(s):

- Each practicum credit hour is equal to 4 clock hours per week.
- Total credit hours required for the MIDAS program is 79 semester credit hours

## Psychiatric Mental Health Nurse Practitioner, M.S.N.

The psychiatric/mental health nurse practitioner (PMHNP) program focuses on children, adolescents, adults, and the elderly who are at risk for developing and/or are experiencing acute or complex mental health problems, behavior disorders or psychiatric diagnoses. The PMHNP curriculum focuses on facilitating the transitions of individuals, families, communities and populations' health and well-being across the lifespan and the utilization of evidence-based, culturally sensitive, recovery-oriented holistic care.

Graduates of the PMHNP program will be prepared to apply a holistic nursing process and medical/medication management to promote optimal mental health while engaging in active, ongoing collaboration with individuals, their families, significant others, and the interprofessional team. Graduates are eligible for national certification through the American Nurses Credentialing Center

## Curriculum

### MSN Core Curriculum (21 Semester Hours for NP)

- NURS 500 - Health Care Ethics-Nurse Leads
- NURS 501 - Theoretical Bases for Nurs Pra
- NURS 502 - Nursing Research
- NURS 505 - Health Care Informatics
- NURS 690 - Healthcare Policy-Nurse Leader
- NURS 864 - Epidemiologic Methods
- NURS 797 - Scholarly Project

### Nurse Practitioner Core (9 semester hrs.)- pre-requisites

- NURS 658 - Advanced Clinical Pharmacology
- NURS 680 - Adv Pathophysiology Lifespan
- NURS 756 - Advanced Health Assess RN

### PMHNP Core (19 semester hours)

- Nurs 780 PMHNP Core 1 (3)
- Nurs 783 PMHNP Clinical Practicum 1 (1)\*
- Nurs 781 Role Development (1)
- Nurs 782 Ethical issues in Psychiatric Mental Health Nursing (1)
- Nurs 784 PMHNP Core 2 (3)
- Nurs 785 PMHNP Clinical Practicum 2 (1)\*
- Nurs 787 PMHNP Clinical Practicum 3 (1)\*
- Nurs 786 Psychopharmacology (2)
- Nurs 788 PMHNP Core 3 (3)
- Nurs 789 PMHNP Clinical Practicum 4 (1)\*
- Nurs 791 PMHNP Clinical Practicum 5 (1)\*
- Nurs 790 Current Issues and Trends in PMH (1)

\* Practicum courses: 1cr = 120 contact hours/ semester (8 contact hr/cr./week)

## Doctor of Nursing

### Population Health Leadership, D.N.P.

The Doctor of Nursing Practice (DNP) degree program is an online population health-focused post-master's degree program for nurses from a variety of practice settings to become leaders in addressing the complexity of health care and health care outcomes in the 21st century. Through the lens of the Jesuit tradition, the student builds on a previously earned master's degree to achieve the highest level of academic preparation that incorporates scientific, philosophical, ethical, and historical perspectives of nursing practice along with a perspective of the complexities of present and future global and holistic health care. Additionally, organizational and systems leadership, population focused healthcare, health policy that includes advocacy in health care, and interprofessional collaboration to address health care outcomes will be considered. The design, implementation, and evaluation of delivery methods that address outcomes to improve the health of the nation will be the capstone focus. Xavier DNP graduates will be well positioned for translating the science of population health nursing as nurse leaders in an ever-changing global health care environment.

Immersion experiences in a variety of environments occur throughout the curriculum and focus on integration and application of credible research findings within the evidence base. Innovation to support management of care for individuals and populations, administration of nursing and health care organizations, and development and implementation of health policy that will ultimately influence health care outcomes for populations is also a part of the immersion experience. Using conceptual and analytical skills, students provide leadership in clinical scholarship and synthesize relationships among practice, organizations, diverse populations, fiscal resources and policy concerns to advance the delivery of quality, safe, efficient and effective health care for diverse populations.

The 39-42 variable credit hour program is a 100% online educational offering with a campus-based orientation prior to the beginning of the first fall semester. Students move through the 8 semester program taking 3 to 7 credits per semester. Variable credits are due to an epidemiology course that is required of all AACN Master of Science in Nursing (MSN) graduates and Doctor of Nursing Practice (DNP) graduates. MSN graduates who have approved credit for an equivalent epidemiology course from their master's curriculum are not required to repeat the course. Up to 500 hours of clinical immersion from a master's program and/or advanced certification may be accepted toward the 1,000 immersion hours required for DNP.

### Program Objectives

1. Integrate the scientific, philosophical, ethical, and historical underpinnings of professional nursing practice from a global and holistic perspective.
2. Provide organizational and systems leadership for quality improvement and systems thinking.
3. Provide leadership in clinical scholarship and analytical methods for the translation of research in evidence-based care.
4. Utilize information systems/technology and patient care technology for the holistic improvement and transformation of health care.
5. Influence health care policy by possessing essential skills in policy and advocacy.
6. Establish interprofessional collaboration for holistically improving patient and population health outcomes.
7. Design, implement, and evaluate health care delivery methods for illness prevention and population health for improving the nation's health.
8. Utilize conceptual and analytical skills to distinguish relationships among practice, organizations, diverse populations, fiscal resources, and policy concerns and to advance nursing practice.

### Prerequisite

- NURS 886 - Scholarly Writing Seminar

### Curriculum

- NURS 900 - DNP Foundations
- NURS 902 - Adv Evidence Based Practice
- NURS 903 - Leadership in Complex Systems
- NURS 904 - Application Adv Research
- NURS 905 - Healthcare Fin and Econ
- NURS 906 - Informatics for Adv Nurs Pract
- NURS 907 - Eval & Analysis of Outcomes
- NURS 908 - Health Care Policy
- NURS 910 - Scholar of Adv Applic & Innov
- NURS 921 - DNP Project Immersion

## Occupational Therapy Doctorate

### Occupational Therapy, O.T.D.

The Occupational Therapy Doctorate (OTD) Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE). ACOTE is located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 28052-4929. ACOTE's telephone number is (301) 652-AOTA, [www.acoteonline.org](http://www.acoteonline.org). Graduates will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Occupational therapy (OT) is a health-care profession that uses occupation, or meaningful activity, to help people lead productive and satisfying lives. Occupational therapists form a dynamic and collaborative partnership with service recipients in order to support their maximal participation in societal roles. The uniqueness of occupational therapy lies in the recognition and appreciation of the importance of day-to-day occupations that are used to positively influence one's health and well-being. Persons, groups, or populations who have difficulty participating in daily roles, routines, and activities due to physical, psychological, emotional, or developmental problems can benefit from occupational therapy services.

Occupational therapists are skilled professionals whose education includes the study of human growth and development with specific emphasis on the social, emotional, and physiological effects of illness and injury and the concomitant benefits of engagement in occupation. Occupational therapists need to be people-focused as well as art- and science-oriented. They must be well-educated in the functions of mind, body, and spirit. The occupational therapy doctorate degree provides "opportunities for the occupational therapist to possess the necessary knowledge and skills as a direct care provider, consultant, educator, manager, leader, researcher, and advocate for the profession and the consumer" (ACOTE Standards, 2018). Occupational therapy is a rewarding and satisfying career that requires a high level of skill and expertise.

The Occupational Therapy Doctoral Program spans seven semesters post-baccalaureate degree and culminates in an earned entry-level occupational therapy doctorate (OTD) degree. The course of study includes completion of didactic and lab courses, fieldwork Level I and II, a doctoral capstone experience, and a doctoral capstone project. The OTD Program's Mission, Philosophy, and Curriculum Design center around curricular threads of Practice, Ethics, Advocacy, Leadership, and Scholarship. The Program's Mission is to educate students to become competent and ethical practitioners who advocate for justice, serve as leaders, and embrace a lifetime of scholarship.

See the list of [Essential Functions for Coursework and Fieldwork](#) that details the performance abilities and characteristics necessary to successfully complete the requirements of the OTD program.

See [Entry-level Occupational Therapy Doctorate Degree Admission Requirements](#) for application and admission details. Acceptance into the capped OTD program includes but is not limited to the following: completion of a minimum of a bachelor's degree with an earned, preferred cumulative GPA of 3.2 on a 4.0 scale; completion of all pre-requisite course requirements; meeting competitive GRE score criteria (waived for entrance in Fall 2024); and submitting an application accompanied by three letters of recommendation.

## Additional Requirements

Student membership into the state and national occupational therapy professional organizations is required. Prior to beginning community-engaged learning experiences, Level I and Level II fieldwork, and the doctoral capstone experience, students must show evidence of malpractice liability insurance (\$2,000,000/\$4,000,000). Liability insurance is mandatory and provided through the University, and the University has negotiated a favorable group rate for occupational therapy students. Students are billed through the University when they register for courses that include a fieldwork or community experience. All students must have current CPR certification; hepatitis B immunization; measles, mumps, and rubella immunizations; varicella, tetanus/diphtheria/pertussis, Covid-19 full vaccination including booster; an annual FBI & BCI criminal history record check, tuberculosis test, seasonal influenza vaccine, history and physical exam, universal precautions and HIPAA training. Drug testing may be requested upon demand. Possession of or ability to attain a valid passport for travel outside the US is required for the Total Immersion Diversity Experience (TIDE). Level II Fieldwork courses must be completed within 12 months of the didactic coursework. Doctoral capstone must be completed within 24 months of completing didactic coursework.

## Curriculum

- OCTD 501 Applied Neuroscience (3)
- OCTD 502 Occupational Science (3)
- OCTD 505 Professional and Ethical Practice (3)
- OCTD 508 Occupational Therapy Theory (3)
- OCTD 510 Therapeutic Skills (2)
- OCTD 512 Therapeutic Skills Lab (2)
- OCTD 520 Occupational Therapy Measurement and Assessment (3)
- OCTD 522 Scholarship I: Quantitative Research Methods (3)
- OCTD 524 Occupational Justice (3)
- OCTD 526 Occupational Therapy Process: Behavioral Health (3)
- OCTD 528 Behavioral Health Lab (1)
- OCTD 530 Focused Topic Grant Writing (1)
- OCTD 531 Focused Topic: Occupation-Based Movement Analysis (1)
- OCTD 532 Focused Topic: Occupational Therapy Evidence-based Practice (1)
- OCTD 534 Introduction to Capstone (1)
- OCTD 600 Occupational Therapy Process: Pediatrics (3)
- OCTD 602 Pediatrics Lab (1)
- OCTD 604 Capstone Development I (3)
- OCTD 606 Scholarship II: Qualitative Research Methods (3)
- OCTD 608 Environmental Analysis (3)
- OCTD 610 Focused Topic: School-based Practice (1)
- OCTD 612 Focused Topic: Grant Writing (1)
- OCTD 614 Level I Fieldwork Pediatrics (1)
- OCTD 620 Occupational Therapy Process: Adults (3)
- OCTD 622 Adults Lab (1)
- OCTD 624 Culture and Occupation (1)
- OCTD 626 Assistive Technology for Lifespan (3)

- OCTD 628 Assistive Technology Lab (1)
- OCTD 630 Occupational Therapy Management and Supervision (3)
- OCTD 633 Scholarship III: Scholarly Study (3)
- OCTD 634 Focused Topic Lab: Prosthetics, PAMs, and Splinting (1)
- OCTD 700 Occupational Therapy Process Geriatrics (3)
- OCTD 701 Occupational Therapy Process Geriatrics Lab (1)
- OCTD 705 Capstone Project Development II (3)
- OCTD 706 Advanced Practice: Population Health & Community-Based Practice (3)
- OCTD 708 Occupational Therapy Leadership & Advocacy (3)
- OCTD 712 Level I Fieldwork Adult/Geriatric (1)
- OCTD 714 Level I TIDE Fieldwork (1)
- OCTD 720 Level II Fieldwork (A) (6)
- OCTD 722 Level II Fieldwork (B) (6)
- OCTD 800 Capstone Practicum (6)
- OCTD 802 Capstone Dissemination (3)

## Doctor of Psychology

### Clinical Psychology, Psy.D.

The Doctor of Clinical Psychology (PsyD) program builds upon Xavier's strong commitment to the Jesuit tradition of service within the context of scholarship. The program provides students with the knowledge and range of skills necessary to provide psychological services in today's changing professional climate. The full time, five-year program includes four academic years and one internship year. The program emphasizes the importance of a scientific foundation in psychology. The PsyD program is designed to prepare students for the general practice of health service; it also provides training in three areas of interest: children and adolescents, individuals with severe and chronic problems in psychopathology, and health care psychology in medical settings. Students have the opportunity to pursue these areas of interest by taking specialized courses, gaining experience in practicum placements, and conducting applied research.

### Admission Requirements for the PsyD degree

To be eligible for admission, applicants should submit materials before the annual deadline date of **December 1st**.

Go to <http://www.xavier.edu/psychology-doctorate/admission.cfm> on the Xavier website to reference the full details and the admission process.

### Summary List of Admission Requirements

To be eligible for admission, applicants should submit the following items to the Department of Psychology before December 1st:

- (1) A completed application form.
- (2) Non-refundable \$35 application fee.
- (3) One official transcript from each college or university attended. (A minimum 3.000 overall undergraduate grade point average (on a 4.000 scale), and a minimum 3.000 average in all psychology courses, is required).
- (4) Three letters of recommendation.
- (5) A resume or vita.
- (6) A written personal statement of reasons for pursuing a graduate degree in the psychology department at Xavier University, and plans after completion of studies. (2-3 pages)
- (7) A diversity statement.
- (8) A completed Application for Financial Assistance form for possible financial aid if interested.
- (9) Any other information that might aid in the selection process.

Students must have a minimum of 18 undergraduate hours in psychology, including courses in general psychology, psychology statistics, research methods course with lab, and tests and measurements. Courses in developmental and abnormal psychology are recommended. Courses in biological science and college mathematics are also recommended as a preparation for graduate studies. For students with graduate training in clinical psychology or a related field who are accepted, a portion of their previous graduate work (if the student has earned a grade of "B" or higher) might be credited toward the fulfillment of the requirements for the doctoral degree. All decisions regarding acceptance of graduate credit will be made by the School Chair by the end of the first year.

In all cases, a minimum of 75 of the 120 hours required coursework for the PsyD. degree must be completed at Xavier.

## Program of Studies

Students are accepted into the program on a full-time basis and are required to complete a minimum 120 credit hours to graduate. The curriculum of the first four years is divided into two major types of learning experiences: 1) knowledge/academic based, and 2) skills/clinical based. The 93 credit hours of courses that are primarily "academic" in nature are designed to develop content and methodologies in specific areas identified by the American Psychological Association Council on Accreditation (CoA) as essential for clinical training-biological, cognitive and affective, social and cultural aspects of behavior, history and systems in psychology, psychological measurement and assessment, human development, psychopathology, professional standards of ethics, research and evaluation, and professional interpersonal conduct. The remaining 27 credit hours involve courses such as professional development and practicum, clinical practicum, and internship that provide supervised experience and training in a range of clinical areas.

A unique feature of the program is the opportunity for students to develop a focus area in working with children and adolescents, working with individuals with severe and chronic disorders, or applying psychological interventions in health care settings. Prior to applying for internship in the fall of the fourth year, students must successfully complete the Clinical Competency Examination, which evaluates students' progress in clinical skill development, and propose their dissertation.

Students who are accepted into the doctoral program who already hold a master's degree in a field akin to clinical psychology may be able to apply a portion of the previous graduate work toward the fulfillment of the doctoral degree requirements. The allowable number of transferable hours will vary; all accepted hours must come from courses that match the requirements of courses in the PsyD curriculum. In all cases a minimum of 75 hours of the required 120 must be completed at Xavier.

Petitions for transfer of credit will be granted with the recommendation of the School Chair and approval of the Dean of the College of Professional Sciences. Courses will be considered for transfer at a grade of B or higher. Courses taken more than six years prior to entering the doctoral program will normally not be accepted for transfer.

## Grading Policy:

Grades are based on a student's performance meeting the standards established and communicated in writing by the professor of the course. A semester grade point average of 3.000 or higher is required for a student to remain in good standing. Any student whose semester (Fall, Spring, Summer) GPA falls below 3.000 or who earns a grade of "C" (includes C+ or C) or "F" in any 2 credit hour course will be placed on "WARNING" by the Dean of the College of Professional Sciences and remains on WARNING throughout the remainder of the program. Once on warning, any student whose semester (Fall, Spring, Summer) GPA falls below a 3.00 may be dismissed. In addition, once on warning, any student who earns a grade of "C" or "F" in any course is subject to dismissal. A student who earns a grade of C or lower in 4 hours or more of course credit in one semester may be subject to dismissal immediately. The following interpretation of letter grades is used by the department A= excellent, B=good, C=minimal, and F=failure. Faculty may use a +/- system in grading. Students receiving a "C" in a course may be required to retake the course or do additional work to satisfy specific deficiencies. This will be determined by the professor of the course and will be discussed with the student and his/her advisor. The student may be required to register for a one hour tutorial (PSYC 900) to complete the necessary remedial work, for which he/she must earn a grade of pass to fulfill the requirements for the additional work. The work must be completed by the student during the following academic semester. Students receiving an "F" in a course are required to retake the course. A cumulative GPA of 3.000 or higher is required for graduation. An A = 4 points, a B = 3 points and a C = 2 points. Pluses and minuses alter the merit points by .3. All students are required to complete the "Yearly Graduate Student Activity Report: for each academic year by May 1.

## Requirements for the PsyD degree

- All students must complete each of the following courses designed to provide integrative education in the graduate field of psychology. Although the curriculum may change to match advancement of the field of professional psychology, the current curricular requirements are listed below in the present order of completion.
- All students are required to take eight elective courses, four of which are specified as the student's "focus area": clinical child and adolescent psychology; individuals with severe and chronic problems in psychopathology, and; health care psychology across the lifespan. The other four electives are chosen by students in consultation with their advisor. A unique feature of the program is that students may opt to use their additional electives to work toward a "Certificate in the Foundations of Health Services Administration," which is offered in cooperation with the Health Services Administration Department. These courses offer a foundation in the health services discipline and provide a basis for understanding the dynamics involved in the delivery of health care services in today's changing professional climate.
- The PsyD degree will be awarded upon successful completion of required coursework, Clinical Competency Examination, Doctoral Dissertation, and an internship. After the fourth year of enrollment in the doctoral program (or its equivalent for students admitted with advanced standing), the student is expected to be enrolled in either PSYC 999, Internship, or PSYC 790, Continuous Major Research, until the dissertation is defended and deposited in the library. All of these requirements must be earned within the 8-year limit for the PsyD program.
- After the completion of the internship, students must be enrolled in PSYC 790, Continuous Major Research each semester until all dissertation requirements have been completed. A minimum of 75 of the 120 hours required coursework for the PsyD. Degree must be completed at Xavier.

## Year One

### First Semester

- PSYC 584 - Assessment I: Psychometrics & Intelligence Testing
- PSYC 506 - Social Aspects of Behavior
- PSYC 580 - Clinical Psychopathology
- PSYC 511 - Advanced Statistics I
- PSYC 520 - Computer Statistical Language I



## Second Semester

- PSYC 585 - Assessment II: Personality
- PSYC 509 - Cognitive Aspects of Behavior
- PSYC 508 - Diversity
- PSYC 512 - Advanced Statistics II
- PSYC 521 - Computer Statistical Language II
- PSYC 549 - Introduction to Clinical Interactions

## Summer

- PSYC 502 - History & Philosophical Issues
- PSYC 505 - Professional Problems & Ethics in Psychology
- PSYC 852 - Extended Practicum

## Year Two

### First Semester

- PSYC 586 - Assessment III: Cognitive Functioning
- PSYC 510 - Biological and Affective Aspects of Behavior
- PSYC 621 - Advanced Research Design & Analysis I
- PSYC 650 - Prof. Development & Practicum I
- PSYC 608 - Integrative Life Span Psychology I

### Second Semester

- PSYC 629 - Intervention: Behavior Therapy
- PSYC 622 - Advanced Research Design & Analysis II
- PSYC 651 - Prof. Development & Practicum II
- PSYC 609 - Integrative Life Span Psychology II

## Summer

- PSYC 787 - Major Research I
- Elective
- PSYC 852 - Extended Practicum

## \*\*Earn M.A. in Psychology

## Year Three

### First Semester

- PSYC 631 - Intervention: Psychodynamic Psychotherapy
- PSYC 760 - Clinical Practicum III
- AI/Elective

### Second Semester

- PSYC 632 - Intervention: Cognitive Therapies or PSYC 835 - DBT
- PSYC 751 - Clinical Practicum IV
- AI/Elective
- Elective

## Summer

- Elective
- PSYC 788 - Major Research II
- PSYC 852 - Extended Practicum

## Note(s):

- A dissertation prospectus must be accepted by a faculty member who agrees to serve as the dissertation chair by the first Friday in December of the 3rd year in order to register for courses for the spring semester.
- Clinical Competency Examination or Dissertation proposal must be successfully completed by the end of the spring semester prior to applying for internship.

## Year Four

Students are expected to apply for the yearlong clinical internship in their 4th year after having passed all portions of the Clinical Competency Examination and successfully proposed their dissertation..

## First Semester

- AI/Elective
- AI/Elective
- PSYC 740
- PSYC 850 - Clinical Practicum V

## Second Semester

- Elective
- PSYC 821 or 822 - Applied Interprofessional Education
- PSYC 851 - Clinical Practicum VI
- PSYC 789 - Major Research III

## Year Five

- PSYC 999 - Internship (one year)

## Dual Degree

### **Accountancy Combined Undergraduate and Graduate Program, B.S.B.A./M.S. or B.S.B.A./M.B.A.**

These are five year programs that allow students to enroll in graduate studies during their senior year of undergraduate coursework. Many students with advanced placement credit or that enroll in summer courses or take 18-hour course loads complete these programs in less than five years. Completion of a combined program enables a student to earn a BSBA in Accounting and either an M.S. in Accountancy (MSA) or an MBA while satisfying the 150-hour requirement to be eligible to take the CPA exam. Students are allowed to seek admission to the MSA or the MBA program when they have one year remaining to complete their BSBA in Accounting. Those accepted may begin taking a limited number of graduate courses while completing their undergraduate degree. (Note: either of these programs will allow students to meet the requirements to sit for the CPA exam in the state of Ohio. Students planning to practice in other states should become familiar with the requirements in that state)

## Requirements:

- Same as the requirements for Accounting, B.S.B.A. except that six hours of MS or MBA credit may be taken in the senior year under the undergraduate tuition which covers up to 18 credit hours of classes in an academic term.
- Same as requirements for all MS and MBA students.
- The Nine credit hours of graduate electives required in the MBA program may include one or more Masters in Accountancy (MACC) courses with permission of the MSA director or Chair of the Department of Accountancy.

## B.S.B.A. Accounting and MS or MBA

Students that plan to pursue a joint B.S.B.A. and MS or MBA degree should work with their academic advisor to develop a plan for completion of both degrees. Students are also encouraged to meet with the Department Chair, the Director of the MS in Accountancy program or the MBA office for assistance in designing their program of study.

## Exercise Science & Athletic Training, B.S. / M.S.

### B.S. Exercise Science + M.S. Athletic Training 3+2 Option

#### Program Requirements

Students are required to meet all Admission, Progression, Retention and Graduation requirements of the Exercise Science, B.S. and Athletic Training, M.S. .

#### Curriculum Requirements

151 credit hours:

- Undergraduate Core Curriculum
- B.S. Exercise Science Requirements - 97 credit hours
- Dual B.S. Exercise Science / M.S. Athletic Training Requirements - 23 credit hours
- M.S. Athletic Training Requirements - 31 credit hours

#### Course Sequence

##### First Year

##### Fall Semester

- EXSC 100 - Intro to Exercise Science
- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Human A&P I Lab Allied Health
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Second Language I
- CORE 101

##### Spring Semester

- EXSC 200 - Kinesiology
- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health

- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Second Language II
- Historical Perspectives
- CORE 102

## Second Year

### Fall Semester

- CHEM 150 - Physiological Chemistry
- CHEM 151 - Physiological Chemistry Lab
- MATH 116 - Elementary Statistics or MATH 156 - General Statistics
- PSYC 101 - General Psychology
- EXSC 300 - Exercise Physiology
- Theological Perspectives Elective

### Spring Semester

- PHIL 100 - Ethics as Intro to Philosophy
- EXSC 320 - Fitness Training Principles
- EXSC 325 - Resistance Training
- EXSC 360 - Nutrition for Sport & Exercise
- Exercise Science Elective
- ENGL/CLAS/SPAN 205 - Lit & Moral Imag

## Third Year

### Fall Semester

- PHYS 140 - Technical Physics
- PHYS 141 - Technical Physics Lab
- EXSC 380 -&nbsp;Fitness Assessment & Design
- EXSC 381 -&nbsp;Fitness Assess & Design Lab
- Exercise Science Elective
- Ethics/Religion & Society Elective
- Humanities Elective

### Spring Semester

- Exercise Science Elective
- EXSC 460 - Exercise Science Practicum
- PHIL 200 - Philosophical Perspective
- Creative Perspectives Elective
- Core / General Electives

## Summer Semester

- ATTR 500 - Care & Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

## Fourth Year

### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Interventions I
- ATTR 540 - Evidence Based Practice
- ATTR 561 - Clinical Experience I

### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Interventions II
- ATTR 541 - Research I
- ATTR 550 - IP Collaboration
- ATTR 562 - Clinical Experience 2

### Fifth Year

### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts
- ATTR 633 - Therapeutic Interventions III
- ATTR 642 - Research II
- ATTR 663 - Clinical Experience 3

### Spring Semester

- ATTR 650 - Contemporary Issues in AT
- ATTR 664 - Clinical Experience 4

## **Master of Health Services Administration / Master of Business Administration, M.H.S.A. / M.B.A.**

This concurrent degree option provides an opportunity for students to pursue an MBA degree in addition to a MHSA degree. The degree may be earned by pursuing additional hours of MBA graduate level course work through the Xavier Williams College of Business. Candidates for both degrees should declare their intentions when applying and submit one application to the graduate program in health services administration AND one application to the Williams College of Business. Concurrent degree candidates must be accepted to both the GPHSA and MBA programs. For further information about the MBA prerequisites and requirements, call 800-344-4698.

## **Master of Science in Nursing / Master of Education, M.S.N. / M.Ed.**

The MSN/MEd program at Xavier University is an innovative, integrated program whereby the student will receive two separate degrees -- the Master of Science in Nursing (education track) and the Master of Education. This program was developed in response to a community need for nurse educators. The MSN/MEd prepares the graduate to administer and teach in educational settings (e.g., CE providerships, in-service educators and nurse educators).

The curriculum consists of a minimum of 58 semester credit hours. The core courses include theoretical and practical knowledge, which serve as the foundation for advanced nursing education in a variety of roles. Core courses focus on three major themes which are consistent with the philosophy for the graduate program: critical systematic inquiry, professional and personal development, and management of information and resources in a rapidly changing health care environment. The courses in the education track emphasize education principles and skills that enhance adult education management and practices.

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)

### Requirements for the Dual Degree MSN/MEd

Nursing Core required courses (20 semester hours):

- NURS 500 - Health Care Ethics-Nurse Leaders
- NURS 501 - Theoretical Bases for Nursing Practice
- NURS 502 - Nursing Research
- NURS 505 - Health Care Informatics
- NURS 690 - Healthcare Policy-Nurse Leader
- NURS 754 - Leadership/Management Concepts
- NURS 864 - Epidemiologic Methods

### Required Nursing courses for Education track (11 hours)

- NURS 660 - Adult Learners HC Academia
- NURS 664 - Teaching Strategies
- NURS 670 - Curriculum Assessment Plan Development Evaluation

### MEd Courses required (9 semester hours):

- EDAD 660 - Curriculum Design & Teaching Strategies
- EDFD 500 - History/Philosophy of American Education
- EDFD 505 - Organization of Educational Systems in U.S.

### Elective Courses (Total of 12 hours required)

Select 9 credits from the following education courses. \*NURS 660 counts for 3 of the total of 12 elective hours required.

- EDAD 543 - Supervision of Instruction/Staff Personnel
- EDAD 562 - Political Structure & Process
- EDAD 563 - School Finance, Business Affairs / Physical Plant
- EDAD 565 - School Law I
- EDAD 570 - Policy Planning & Evaluation
- EDSP 500 - Special Education: Identification & Issues
- EDFD 510 - Advanced Human Development & Learning

### Synthesis & Application (6 semester hours):

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

## **Master of Science in Nursing / Master of Science in Criminal Justice, M.S.N. / M.S.**

The MSN/MS-CJ program at Xavier University is an integrated program, whereby the student will receive two separate degrees -- the Master of Science in Nursing (forensic concentration) and the Master of Science in Criminal Justice. The Master of Science in Nursing (MSN) program at Xavier University provides nurses with the opportunity to obtain advanced level preparation in nursing science. Graduates of the program are prepared to assume professional leadership roles that encompass educational, consultative, and managerial functions. They are prepared to design and establish delivery services in response to current health care policy changes. This integrated MSN/MS-CJ

program was developed to compliment the forensics track of the MSN program. Graduates are prepared to function in non-traditional roles within the criminal justice system and address the changing needs of the nation to prepare nurses in bioterrorism and disaster planning.

The curriculum consists of a minimum of 46 semester credit hours. The core courses include theoretical and practical knowledge, which serve as the foundation for advanced nursing practice. Core courses focus on three major themes which are consistent with the philosophy for the graduate programs: critical systematic inquiry, professional and personal development, and management of information and resources in a rapidly changing health care environment. Additional courses in the MSN/MS-CJ dual degree emphasize forensic and criminal justice principles and skills that enhance the variety roles in nursing forensics and criminal justice in which graduates may be employed.

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)

## Requirements for the Dual Degree MSN / MSCJ

### Nursing/Graduate required courses (21 semester hours):

- NURS 500 - Health Care Ethics-Nurse Leads
- NURS 501 - Theoretical Bases for Nurs Pra
- NURS 502 - Nursing Research
- NURS 505 - Health Care Informatics
- NURS 754 - Ldrshp/Management Concepts
- NURS 864 - Epidemiologic Methods
- CJUS 643 - Correctional Counseling

### Track (18 semester hours):

- CJUS 611 - Law & Justice in America
- CJUS 620 - Socio of Crime & Delinquency
- CJUS 642 - Criminal Justice Administratio
- NURS 642 - Psycho/Social/Legal Forensics
- NURS 648 - Found of Forensic Nursing

### Synthesis & Application (7 semester hours):

- CJUS 792 - Internship
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

## Minors

### Accounting Minor

The accounting minor is designed to provide students with foundational knowledge in accounting and focused knowledge in one of the primary areas of accounting practice.

The minor is not intended to prepare students for the CPA exam; however, it does represent adequate accounting knowledge for entry into a student's selected area of focus. The minor can also be used as entry into the Master of Science in Accountancy program which would provide students with the qualifications necessary to sit for the CPA exam and enter the accounting profession without completion of the business core. In addition, the minor could significantly enhance the knowledge base and marketability of students in related disciplines such as actuarial science, business analytics, criminal justice, finance and information systems.

The accounting minor requires 15 hours and consists of the following required and optional courses:

## 2 required courses

- ACCT 200 - Introductory Financial Acct
- ACCT 300 - Accounting Profession & Ethics

## 3 elective courses

9 credit hours

- ACCT 201 - Introductory Managerial Acct
  - ACCT 303 - Internship / Accounting Junior
  - ACCT 304 - Acct Info Systems & Controls
  - ACCT 307 - Fin Actg & Reporting I
  - ACCT 308 - Fin Actg & Reporting II
  - ACCT 311 - Introduction to Taxation
  - ACCT 312 - Volunteer Income Tax Asst I
  - ACCT 412 - VITA II
  - ACCT 414 - Corporate Taxation
  - ACCT 421 - Nonprofit & Govt Acct
  - ACCT 425 - Cost Accounting
- 
- ACCT 490 - Auditing

## Advertising Minor

The advertising minor offers an understanding of the principles of advertising, creative concepts, and research.

18 total credit hours are required, as follows

12 hours from:

- COMM 270 - Principles of Strategic Comm
- COMM 329 - Audience Survey & Research
- COMM 332 - Media Strategies in Advtising
- COMM 430 - Creative Strategies Advrtsing

6 hours of electives (2 courses) selected from:

- COMM 235 - Digital Design
- COMM 237 - Elements of Copy & Design
- COMM 264 - Persuasion
- COMM 433 - Social Media Strategies
- COMM 477 - Strat Comm Ethics Society

Note(s):



- A 2.000 cumulative average must be attained in these courses.

## **Africana Studies Minor**

The Africana Studies minor serves as an introduction to the historical, political, cultural and social traditions of the African continent and the African Diaspora within disciplinary and interdisciplinary contexts. Elective courses which satisfy the intellectual requirements of the minor trace the customs, mores and histories of African nations or countries with significant African Diaspora populations, perform comparative analysis between African or African Diaspora populations, or focus on individual spheres - cultural, economic, political, social, etc. - within specific African/African Diaspora populations.

### **Requirements:**

Students completing the 18 credit hour minor must fulfill the following minimal requirements:

#### **Required Introductory Course**

- GDST 210 - Introduction to African American Studies/Africana Studies

#### **One introductory course on the African continent:**

- HIST 123 - African History I or
- HIST 153 - Africa's Past Our Future

#### **One intermediate or advanced courses on the African continent:**

- ENGL 352 - African Literature
- THEO 309 - West African Religions

#### **One intermediate or advanced course on the African Diaspora:**

- HIST 231 - Transatlantic Slave Trade
- THEO 322 - Black Theology
- SPAN 445 - 20th Century Spanish-Amer Lit

#### **One additional course at any level focused on the African continent or the African Diaspora:**

- COMM 323 - Race, Class, Gender & Media
- HIST 124 - African History II
- HIST 125 - Latin America Cortes to Castro
  
- DANC 155 - Dance & Movement Beginner Jazz
  
- MUSC 114 - Jazz: American Creative Music
- SOCI 180 - Culture & Society
- SOCI 240 - Population & Globalization
- SOCI 250 - Racial Ethnic Minorities
- SOCW 318 - Trends in Modern Soc: Race Rel

## One African Studies Community Engagement Capstone course

### Applied Health Sciences Minor

The Applied Health Sciences Minor offers students the ability to critically analyze scientific knowledge and examine career options in science-based, applied health professions. Students consider a variety of approaches, perspectives, and factors contributing to healthy human development and functioning. Course work includes offerings from the natural sciences, social sciences, and professional disciplines, providing students with opportunities to consider and explore their pursuit of a professional degree, most likely as a graduate or second (post) baccalaureate degree, in applied health sciences. Students receive an on-line orientation to the minor (e.g., to explore major requirements and degree options) and meet with the health science minor advisor to select and complete a desired curriculum path in the minor. (23 credit hours; many courses also fulfill core requirements) Students are required to obtain a 2.5 cumulative overall GPA for coursework fulfilling the applied health sciences minor.

23 total credit hours are required, as follows

#### Required Course

- HESA 389 - Applied Health Sciences Seminar

Biology/Chemistry: 8 credits of the following

- BIOL 140/141: Anatomy and Physiology I for Allied Health (lecture and lab)
- BIOL 142/143: Anatomy and Physiology II for Allied Health (lecture and lab)
- BIOL 144/145: Anatomy and Physiology for Social Sciences (lecture and lab)
- BIOL 146/147: Anatomy and Physiology for Social Sciences (lecture and lab)
- BIOL 160/161: General Biology I (lecture and lab)
- BIOL 162/163: General Biology II (lecture and lab)
- CHEM 150/151: Physiological Chemistry (lecture and lab)

Statistics: 3 credits of the following:

- MATH 116: Elementary Statistics
- MATH 146: Introductory Biostatistics
- MATH 156: General Statistics
- PSYC 210: Statistical Techniques

Social Sciences: 3 credits of the following:

- PSYC 101: General Psychology
- SOCI 101: Introduction to Sociology
- SOCW 167: Survey of Society

Health: 6 credits of the following:

- HESA 110: Medical Terminology
- RADT 150 Medical Terminology
- RADT 180 Radiation Protection and Biolo
- EXSC 100: Introduction to Exercise Science
- HESA 101: Introduction to American Health Care
- NURS 130: Ways of Knowing
- NURS 132: Health and Culture
- PSYC 368: Health Psychology
- SOCW 315: Values, Poverty and Society

- SOCI 375: Sociology of Health
- SPMG 110: Introduction to Sport Management
- BIOL 204: Neuroscience
- EXCS 200: Kinesiology

## Applied Mathematics Minor

The minor in Applied Mathematics provides students with a solid foundation for using and understanding the tools of mathematics that are particularly applicable to other disciplines. Mathematical and quantitative competence are increasingly valued in an ever-increasing number of fields, including the physical sciences, business and finance, medicine, any many of the social sciences. The minor in Applied Mathematics broadens the analytical and problem-solving skills of students in virtually any field of study, and it increases their attractiveness to potential employers.

## Applied Mathematics Minor

20 credit hours

11 credit hours

- CSCI 170 - Computer Science I
- MATH 170 - Calculus I
- MATH 171 - Calculus II

9 hours of electives from the following:

- MATH 220 Multivariable Calculus
- MATH 225-399 (Refer to Course Descriptions )

Note(s):

- A 2.000 cumulative average must be attained in these mathematics courses.
- The Mathematics minor is open to all undergraduates except students majoring in Mathematics or Actuarial Science.
- Students can receive no more than one of these three minors: Mathematics, Applied Mathematics, Statistics.

## Art History Minor

18 total credit hours are required, as follows

6 hours required in art courses:

- ARTS 270 - History of Art I
- ARTS 271 - History of Art II

12 hours of art electives (either studio or more art history)

- ARTS 101 - Two-Dimensional Design
- ARTS 105 - Three-Dimensional Design
- ARTS 272 - Art of the 20th Century
- ARTS 273 - History of American Art
- ARTS 274 - Women, Art & Society
- ARTS 275 - Sacred Art-Christian Perspect
- ARTS 276 - Art of the Enlightenment
- ARTS 277 - History of Graphic Design
- CLAS 240 - World Mythology
- CLAS 241 - Classical Mythology: Art
- CLAS 251 - Near Eastern Mythology: Art
- CLAS 261 - Greek Archaeology
- CLAS 262 - Roman Archaeology

## Note(s):

- A minimum grade of "C" must be attained in all art courses to count toward the minor.
- Further information concerning art minors can be obtained from the Department of Art.

## Arts Administration minor

Xavier's Arts Administration program minor is a professional minor consisting of a total of 15 credit hours. The mission of the program is to teach students how to carry out administrative responsibilities in diverse arts organizations.

## Required Courses

- COMM 101 - Oral Communication

## Asian Studies Minor

The Asian Studies Minor is designed to build a deep knowledge of and appreciation for the peoples and cultures of Asia. Students will gain intermediate competency in an Asian language and learn about Asia from a variety of perspectives (e.g. historical, cultural, religious) and broaden their global perspective with insight into the diverse world of Asia.

24 total credit hours are required, as follows

Four language courses in the same language

12 credits

- CHIN 101 - Elementary Chinese I
- CHIN 102 - Elementary Chinese II
- CHIN 201 - Intermediate Chinese I
- CHIN 202 - Intermediate Chinese II
  
- JAPN 101 - Elementary Japanese I
- JAPN 102 - Elementary Japanese II
- JAPN 201 - Intermediate Japanese I
- JAPN 202 - Intermediate Japanese II

One from

3 credits

- HIST 161 - Asian History I
- HIST 162 - Asian History II

One other 200, 300, or 400 level HIST course

3 credits

One from

3 credits

- THEO 342 - World Religions
- THEO 343 - Dialogue Among World Religions
  
- THEO 368 - Buddhism
- THEO 374 - Buddhist Christian Exploration

One elective from HIST, THEO or other approved course

3 credits

Notes

The minimum credit hours for the Asian Studies minor is 18.

If a student transfers in credit for a course or courses in an Asian language, the language requirement for the minor will be adjusted based on the student's level of proficiency, which will be determined by the language instructor. Students whose first language is an Asian language and students with intermediate Asian language proficiency (202) transfer credit will take an additional 6 hours of approved coursework for a total of 18 hours in the minor. Students who transfer proficiency through 201 will take the 202 language course and an additional three hours of approved coursework for a total of 18 hours in the minor.

## Biochemistry Minor

The Biochemistry minor is intended to enhance students' understanding and competency in the area of Biochemistry.

21 total credit hours are required, as follows

17 hours from:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- CHEM 440 - Biochemistry

4 hours of electives selected from:

- CHEM 320 - CHEM 450

## Biology Minor

A minor in biology is earned by completing 8 credit hours of required biology courses including the introductory general biology lecture and lab courses, plus two more courses with at least one lecture and lab combinations selected from advanced courses. A 2.000 cumulative average must be attained in all biology courses. Students should consult the department chair concerning specific requirements for the minor.

15 credit hours are required, as follows

8 hours from:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab

Three additional credits from BIOL 200-490

At least one additional lecture lab combination from:

- |                              |                      |
|------------------------------|----------------------|
| • Microbiology & Lab         | BIOL 200/201 (3 & 1) |
| • Human Physiology & Lab     | BIOL 206/207 (3 & 1) |
| • Botany & Lab               | BIOL 210/211 (3 & 1) |
| • Genetics & Lab             | BIOL 230/231 (3 & 1) |
| • Ecology & Lab              | BIOL 250/251 (3 & 1) |
| • Environ Science & Lab      | BIOL 260/261 (3 & 1) |
| • Entomology & Lab           | BIOL 270/271 (3 & 1) |
| • Aquatic Inverts & Lab      | BIOL 340/341 (3 & 1) |
| • Ornithology & Lab          | BIOL 350/351 (3 & 1) |
| • Human & Comp Anat & Lab    | BIOL 354/355 (3 & 1) |
| • General Microbiology & Lab | BIOL 450/451 (3 & 2) |
| • Developmental Bio & Lab    | BIOL 460/461 (3 & 1) |

Note(s):

- A 2.000 cumulative average must be attained in all these courses.

## Biomedical Sciences Minor

The Biomedical Sciences minor is designed for undergraduate students who wish to complete science courses generally required of applicants to medical school while completing a bachelor's degree in a non-science major.

39 total credit hours are required, as follows

8 hours of biology from:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab

19 hours of chemistry from:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 440 - Biochemistry

8 hours of physics from:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

Note(s):

- Please note that PSYC 101 and SOCI 101 is now also required for the MCAT.
- A 2.000 cumulative average must be attained in these courses.

## **Business Analytics Minor**

The Minor in Business Analytics, a STEM designated program, is intended to educate and develop future data analysts. Those that complete the minor will emerge with the necessary skills to immediately contribute to businesses in roles which require training in and an aptitude for data analysis. Through the utilization of real-world data sets, students will gain the skills, confidence and expertise required to succeed in today's data-driven business world. It is the intention of this minor to produce high-quality students who are not only analytically sound but also ethically responsible in their use of data. Ultimately, the outcome of the minor will be students who are able to help businesses make better decision through data analysis and statistical modelling.

**21 credit hours**

15 credit hours of required courses

- BAIS 211 (WCB Core Course) or MATH 156 or MATH 116
- BAIS 220 (WCB Core Course) or CSCI 170
- BAIS 358
- BAIS 365
- BAIS 329 / MKTG 329

6 credit hours from:

- BAIS 311
- BAIS 360
- BAIS 367
- BAIS 389
- BAIS 462
- BAIS 498
- MKTG 302
- MKTG 315 or MKTG 370
- ACCT 385 / FINC 385
- FINC 365
- ACCT 304
- ECON 306
- ECON 307

Note(s):

At a minimum, to receive the Minor in Business Analytics, a student must complete at least 9 hours within the minor which are not double counted in any other program or concentration.

## Business Minor

This minor is available to all undergraduate non-business majors as it provides students with an introduction to business. Students gain exposure to a variety of business disciplines and topics.

20-21 total credit hours are required, as follows:

18 hours of specific business courses:

- ACCT 200 - Introductory Financial Acct
- BAIS 220 - Mgmt of Info Tech
- ECON 200 - Microeconomic Principles
- FINC 300 - Business Finance
- MKTG 300 - Principles of Marketing
- MGMT 200 - Organizational Management

2-3 hours of a business elective course are also required for the minor:

(All prerequisites for elective courses must be met)

Courses typically chosen as an elective are:

- ACCT 201 - Introductory Managerial Acct
- BAIS 211 - Intro to Business Analytics
- BLAW 300 - Legal Environment
- ECON 201 - Macroeconomic Principles
- ECON 300 - Int'l Trade & Bus Environment
- MGMT 201 - Business & Professional Comm
- SHRM 200 - Human Resources In a Diverse S



## Note(s):

- A 2.000 cumulative average must be attained in these courses.
- At least half of these credit hours must be taken at Xavier.

## Catholicism and Culture Minor

In the late second and early third centuries Christian theologians debated the relationship of religious belief and contemporary culture. Many Christians sided with Origen who believed that Christians could use contemporary culture both to understand and defend their belief. Since then Christianity in its Roman Catholic and Eastern Orthodox branches has had a symbiotic relationship with the cultures in which they exist. Changes in culture have resulted in changes in church organization and development of Christian dogma. Developments in dogma and church organization have affected the development of culture. The result of these interactions is that the various manifestations of Catholicism as they appear in different places, times, and cultures are shaped by those very intersections.

The subject of the minor is, therefore, Catholicism and its various cultural embodiments across time and across the entire world. Students in this minor will examine the intersection of theological ideas and human culture.

18 credit hours

### Introductory Course

- HIST 393 - History of the Jesuits

### Elective Courses

12 credit hours

### Capstone Course

3 credit hours

## Chemistry Minor

20 total credit hours are required, as follows

16 hours from:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab

4 additional hours of coursework must be selected from the following lecture/lab combinations:

- CHEM 226/227, CHEM 340/341, CHEM 420/421, CHEM 440/441

### Note(s):

- A 2.000 cumulative average must be attained in the chemistry courses.

## Classical Humanities Minor

18 total credit hours are required, as follows:

Select hours in classical culture courses offerings, from:

- CLAS/GREK/LATN 101-399 (Refer to Course Descriptions.)

### Note(s):

- A 2.500 cumulative average must be attained in the classical culture courses.
- Courses with the CLAS designation require no knowledge of an ancient language.
- Courses with the LATN and GREK designations can apply to the Classical Humanities Minor.

## Clinical Science Management minor

15 credit hours

### Required Courses

- HESA 240 Clinical Science Management
- Either HESA 110 Medical Terminology or BIOL 140 Human Anatomy & Physiology or BIOL 354 Human and Comparative Anatomy

### Elective Courses (9 credit hours)

- BAIS 220 Management of Information Technology
- BAIS 358 Data Modelling and Management
- BIOL 160 General Biology I
- BIOL 162 General Biology II
- BIOL 222 Immunology
- BIOL 230 Genetics
- BIOL 360 Cell Biology
- BIOL 364 Virology
- BIOL 370 Endocrinology
- CHEM 160 General Chemistry I
- CHEM 162 General Chemistry II
- CHEM 435 Medicinal Chemistry
- CSCI 220 Data Structures & Algorithms
- CSCI 230 Socially Responsible Data Usage

- CSCI 335 Databases
- ENTR 305 Creativity and Innovation
- EXSC 200 Kinesiology
- EXSC 300 Exercise Physiology
- HESA 355 Quantitative Methods in Healthcare
- HESA 361 Health Data Management
- HESA 380 Quality Management and Performance Improvement
- HESA 390 Foundation of Healthcare Law and Ethics
- MATH 146 Introductory Biostatistics
- MATH 256 Introduction to Probability and Stats
- MGMT 200 Organizational Management
- MGMT 305 Creativity and Innovation
- MGMT 309 Change Management
- MGMT 312 Leadership
- MGMT 385 Project Management
- NURS 333 Health Assessment
- NURS 364 Pathophysiology
- NURS 370 Intro to Nursing Research
- PSYC 368 Health Psychology
- PSYC 426 Physiological Psychology
- SHRM 300 Human Resource Management
- SHRM 345 Compensation
- SHRM 360 Staffing
- SHRM 370 Training and Development
- THEO 312 Christian Health Care Ethics
- THEO 327 Religion and Bioethics

## Note(s)

- Students will be required to maintain a cumulative GPA of 2.0 or higher in the minor courses.

## Coaching Education minor

The purpose of the Coaching Education minor is to plant the seeds for an athlete-centered approach which is developmentally appropriate, with an emphasis on long-term athlete development (LTAD). As a result, students will be better able to contribute to the growth and well-being of the ones they will coach in the future.

## 12 credit hours of required courses

- SPMG 390 - Contemp Coaching:Issues & Trds

## 6 credit hours of electives

- SPMG 110 - Intro to Sports Management
- SPMG 132 - Sociology of Sport
- SPMG 195 - History of American Sport
- SPMG 348 - Legal & Ethical Issues in Sprt
- SPMG 377 - Sport Psychology
- SPMG 410 - Sport Ethics
- EXSC 200 - Kinesiology

## Communication Studies Minor

The communication studies minor focuses on communication processes within public and private organizations.

18 total credit hours are required, as follows:

9 hours from:

- COMM 101 - Oral Communication
- COMM 209 - Group Dynamics
- COMM 260 - Organizational Communication

9 hours of electives (3 courses) selected from:

- COMM 123 - Intro To Comm and Media
- COMM 207 - Interpersonal Communication
- COMM 264 - Persuasion
- COMM 301 - Presentational Speaking
- COMM 327 - Interpersonal Conflict Mgmt

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## **Computer Science Minor**

15 total credit hours are required, as follows:

9 hours from:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms

6 hours of electives selected from:

- CSCI 200-397 (Refer to Course Descriptions) (includes co-op CSCI 395 Co-Op Education in Comp Sci)
- MATH 330 Graph Theory
- Three of the six hours of computer science electives must be from CSCI 210-390

Note(s):

- A 2.000 cumulative average must be attained in the computer science courses (exclusive of CSCI 160).

## Corrections Minor

18 total credit hours are required, as follows:

15 hours from:

- CJUS 101 - Intro to Criminal Justice
- CJUS 230 - Legal Aspects of Corrections
- CJUS 243 - Correctional Counseling & Comm
- CJUS 321 - Juvenile Justice
- CJUS 336 - Inside Out Prison Exchange II

3 additional hours must be selected from either:

- CJUS 103 - Intro to Corrections or
- CJUS 364 - Overview of Contemp Correction

Note(s):

- A 2.000 cumulative average must be attained in these criminal justice courses.

## Criminal Justice Minor

18 total credit hours are required, as follows:

- CJUS 101 - Intro to Criminal Justice
- CJUS 102 - Intro to Law Enforcement
- CJUS 103 - Intro to Corrections
- CJUS 206 - Criminology
- CJUS 210 - Basic Const Law & Amer Justice
- CJUS 321 - Juvenile Justice

Note(s):

- A grade of C or better is required for all courses designated as required for the Criminal Justice major and minor.

## Cybersecurity Systems Minor

**This minor is for non-Computer Science majors only.**

The minor in Cybersecurity Systems is an interdisciplinary minor that facilitates the students' intellectual immersion into the core curriculum by providing cases for direct application of ethics, analysis, and technical skills, and requiring that the students be able to communicate about their analysis, conclusions, and recommended priorities. The

topics studied in cybersecurity expose students to questions of privacy rights, responsibility when security fails, ethics of storing data insecurely and of using one's skills to penetrate system defenses. The case studies experienced by students will require decisions and justifications that draw directly from the ethical frameworks they study in the core.

## Requirements:

- BAIS 359 Hardware, Software, and Security
- BAIS 459 Introduction to Cyber Security
- BAIS 357 Telecommunications and Networking
- CSCI 150 Scripting for System Administration
- CSCI 230 Socially Responsible Data Usage
- CSCI 234 Intrusion Detection, Prevention, and Reporting
- CSCI 237 Cybersecurity Planning and Management

## Note(s):

- Students must achieve an average GPA of 2.0 or better in the courses taken for the minor.

## Deaf Studies Minor

The Deaf Studies minor provides students with a strong foundation in American Sign Language (ASL) skills, a broad understanding of the history, literature and culture of the Deaf community, and knowledge of issues in areas such as education, the legal system, and medical care that affect Deaf individuals. The minor involves direct engagement with members of the Deaf community both on and off campus, and adds value to a student's major and career options by demonstrating an ability to work and interact with members of the Deaf community in professional and social contexts.

## Minor Requirements

The Deaf Studies minor consists of 15 hours, with 9 credit hours of ASLN 101-201 as prerequisite or placement.

## Prerequisites or Placement

9 credit hours

- ASLN 101 - Elem American Sign Language I
- ASLN 102 - Elem American Sign Language II
- ASLN 201 - Interm American Sign Lang I

## Required Courses

15 credit hours

- ASLN 202 - Interm American Sign Lang II
- ASLN 290 - Deafness Origins & Orientation
- ASLN 291 - Deafness Culture & Community

## Digital Innovation, Film and Television Minor

The Digital Innovation, Film and Television cultivate students to become responsible, adaptable, and innovative leaders in a complex and rapidly converging digital environment.

18 total credit hours are required, as follows:

12 hours from:

- COMM 206 - Writing for the Media
- DIFT 215 - Aesthetics & Tech of Post Prod
- DIFT 250 - Screenwriting & Story Craft
- DIFT 254 - Intro to Video Production

6 hours of electives (2 courses) selected from:

- COMM 209 - Group Dynamics
- COMM 211 - Media Literacy
- COMM 426 - Media Law & Policy
- DIFT 210 - Art of Film
- DIFT 213 - Non-Fiction Film
- DIFT 214 - Film Criticism
- DIFT 310 - The Horror Film
- DIFT 354 - Field Prod and Story Telling
- DIFT 451 - Introduction to Video Graphics
- MUSC 106 - Music In Film

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Digital Media Minor

The Digital Media Minor requires 18 hours of coursework that augments existing majors and minors in the Department of Communication Arts as well as students from outside the department. Students who complete the Digital Media minor will be able to define and apply theories of digital media, locate and assess arguments in digital media, interrogate the implications of digital media on communication, plan and produce digital content to serve a client's needs, and assess the effectiveness of digital content within strategic communication.

## Curriculum

18 credit hours, including:

- COMM 211 - Media Literacy
- COMM 221 - Introduction to Digital Media
- COMM 235 - Digital Design
- COMM 247 - Understanding New Media
- COMM 321 - Advanced Digital Media
- COMM 433 - Social Media Strategies

## Economics Minor

The Department of Economics and Human Resources offers the minor in Economics.

This minor is available to business and non-business undergraduate students.

15 total credit hours are required, as follows:

6 hours of economics:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

3 hours:

- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis

6 hours of upper division electives, select from:

- ECON 300-499 (Refer to Course Descriptions.)  
(except WCB students may not count ECON 300 in the minor).

Note(s):

- A 2.000 cumulative average must be attained in the courses of the minor.
- At least half of these credit hours must be taken at Xavier.

## Electronics Engineering Minor

The Minor in Electronics Engineering aims at teaching students the fundamentals of electronics engineering and introducing them to the exciting applications of modern electronics. The minor is designed to provide students a foundation to explore specialized topics in electronics engineering such as Electrical Circuit Analysis, Semi-conductor Electronics, Digital Logic Circuits, Microprocessors, Communication Theory, and Control Systems.

Requirements:

13 hours of physics and engineering courses:

- PHYS 170 - University Physics I
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab

A minimum of 3 hours of electives from:

- ENGR 346 - Signals and Systems
- ENGR 354 - Microprocessors & Digital Syst



4 hours of math pre-requisites:

- MATH 170 - Calculus I

Notes:

- Students who are not majoring in Physics, Applied Physics, or Engineering Physics are required to take 3 hours of electives.
- Student majoring in physics must take 6 hours of electives (instead of 3 hours).
- Applied Physics majors with a concentration in engineering cannot minor in electronics engineering.
- Engineering Physics majors cannot minor in Electronics Engineering
- Biophysics majors who minor in Electronics Engineering cannot count courses that are program electives in Biophysics that also count toward the Electronics Engineering minor.
- Note that ENGR 346, ENGR 348, and ENGR 372 have pre-requisites that are outside of the minor. Most students would therefore be advised to take ENGR 354 as their elective.

## **English Minor**

18 total credit hours are required, as follows:

9 hours from:

- ENGL 115 - Rhetoric
- ENGL 210 - Methods Workshop
- ENGL 221 - Poetry

9 hours of upper-level electives:

- ENGL 300-498 (Refer to Course Descriptions), including one course each in British literature and American literature.

Note(s):

- A 2.000 cumulative average must be attained in the English courses.

## **Entrepreneurship and Innovation minor**

The Department of Management and Entrepreneurship offers the minor in Entrepreneurship and Innovation.

This minor is available to business and non-business undergraduate students.

15 total credit hours are required, as follows:

9 hours of required entrepreneurship courses:

- ENTR 305 - Creativity & Innovation

Complete any 2 additional courses from the following list:

- ENTR 311/MGMT 311: New Venture Planning
- ENTR 303/403: Entrepreneurship Internship
- ENTR 494: Contemporary Topics in Entrepreneurship
- MGMT 309: Change Management
- MGMT 310: Teamwork & Team Building
- MGMT 312: Negotiation & Conflict Management
- MGMT 314: Leadership
- MGMT 385: Project Management
- SHRM 300: Human Resources Management
- SHRM 345: Compensation
- FINC 388: Entrepreneurial Finance
- MKTG 302: Marketing Research
- MKTG 325: Services Marketing
- MKTG 329: Data Mining
- MKTG 330: Retail Marketing
- MKTG 361: Professional Selling
- MKTG 368: Brand Building
- MKTG 385: Digital Marketing & Analytics
- MKTG 398: Social Media Marketing
- BAIS 329: Data Mining
- BAIS 330: Introduction to Robotic Processing
- BAIS 336: Strategic Sourcing
- BAIS 365: Management Science/Linear Programming
- ACCT 200 - Introductory Financial Acct
- MKTG 300 - Principles of Marketing (included in the Business Core for WCB students).

3 hours of business:

- BLAW 300 - Legal Environment
- SHRM 200 - Human Resources In a Diverse S or
- ECON 200 - Microeconomic Principles (included in the Business Core for WCB students).

Note(s):

- A 2.000 cumulative average must be attained in the courses of the minor.
- At least half of these credit hours must be taken at Xavier.

## Environmental Studies Minor

The Environmental Studies Minor is a 16-hour interdisciplinary program compatible with any major. It offers students an integrated overview of environmental and natural resource fields.

Required Courses:

- ECON 200 - Microeconomic Principles
- ECON 320 - Natural Resource Economics
- BIOL 250 - Ecology and
- BIOL 251 - Ecology Lab (prerequisite: BIOL 120 or BIOL 162)
- BIOL 398 - SEM: Environmental Studies or BIOL 397 - SEM: Air and Water Pollution or BIOL 396 - SEM: Climate Change

## Approved Non-Science Electives

(The below list is a sample of offerings. Please use the "Attribute Type" when searching the Schedule of Classes to find other approved courses).

- ECON 421 - Environment, Economics and Policy
- ENGL 205 - Lit. & Moral Imagination: Literature & the Environment (Specific environmental sections must be approved)
- ENGL 348 - Literature & the Environment
- ENGL 363 Ecocriticism
- HIST 123 - African History I
- HIST 171 - US Environmental History
- HIST 398 - History of Agriculture
- HIST 399 - Green Urbanism
- HIST 400 - History of Agriculture
- HIST 436 - Urban Ecologies and Economics
- PHIL 200 - Philosophical Perspectives: Philosophy and Ecology Konopka only
- PHIL 387 - Topics in Contemporary Philosophy Konopka only
- PHIL 392 - Philosophy of Nature
- POLI/HIST 316 - Globalization
- SOCI 240 - Population and Globalization
- SUST 301 - Cultural Studies and Sustainability
- SUST 465 - Topics in Sustainability: Renewable Energy and Economics Bertaux only
- THEO 245 - God Creation and Ecology
- THEO 332 - Sacred Ground and New Story/Cosmology
- THEO 360 - Consumption as a Problem
- THEO 388 - Theology and Ecology
- THEO 396 - Native American Lifeways

### Note(s):

- A 2.000 cumulative average must be attained in all these courses.
- Information regarding the minor can be obtained from the co-directors, whose names are noted in each semester's schedule of classes.

## Finance Minor

The Minor in Finance is designed to give students exposure to additional finance coursework and allows them to pursue the credential signifying successful completion of this coursework.

15 credit hours are required:

6 hours from:

- ACCT 200 - Introductory Financial Acct
- FINC 300 - Business Finance

3 hours from:

- FINC 365 - Investments
- FINC 401 - Intermediate Financial Mgmt

6 hours of upper division electives from:

- FINC 306 - 499 (except FINC 403 )

## Notes:

- A minimum cumulative grade point average of 2.50 must be attained in the courses of the minor.
- At least half of these credit hours must be taken at Xavier.

## Forensic Science Minor

The Forensic Science minor is intended to enhance students' understanding and competency in the area of Forensic Science.

23 total credit hours are required, as follows

17 hours from:

- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 440 - Biochemistry
- CJUS 101 - Intro to Criminal Justice
- CJUS 239 - Criminalistics I

6 hours of Criminal Justice (CJUS) electives

## Note(s):

- Biomedical Sciences and Natural Sciences majors (as interdisciplinary majors) are not eligible to receive a minor in Biology, Chemistry, or Biochemistry. However, Biomedical Sciences and Natural Sciences majors may double count their major requirements toward a minor in Forensic Science.

## French and Francophone Studies Minor

15 credit hours of FREN 202-498 are required:

Please see Course Descriptions

## Note(s):

- All courses must be taught in French to count toward the minor.
- A 2.5 cumulative average must be attained in all these French courses.

## Gender and Diversity Studies Minor

The Gender and Diversity Studies (GDST) Minor is an **18-hour** interdisciplinary minor open to all Xavier undergraduates and compatible with any major. The minor acquaints students with scholarship on gender and diversity in their broadest, most inclusive sense. Courses in the minor facilitate the development of students' critical thinking skills, knowledge base, and intellectual frameworks for analyzing and exploring the nature of diversity including socioeconomic, political, psychological, and cultural experiences and positions between and among individuals and groups defined by gender, race, sexual orientation, ethnicity, socioeconomic class, age, religious beliefs, and physical/mental abilities. Students in the minor examine the individual and collective experiences of traditionally disenfranchised as well as privileged social groups, investigating the conceptual roots of identity as well as similarities and differences among them.

### 18 Credit Hours

Students are required to take the following course:

- SOCW 206 - Intro to Gender & Diversity St

One Upper-Level Course from the following:

These classes explore both the social construction of identity and multiple axes of identity and difference, taking into consideration the various ways they may interrelate or intersect:

- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- ENGL 359 - Gender & Diversity in Film
- HIST 324 - African-Am Struggle for Equity
- PSYC 385 - Proc of Intergroup Dialogue
- SOCW 315 - Values, Human Rights, Advocacy
- SOCW 318 - Trends in Modern Soc: Race Rel
- SOCW 338 - Lesbian Gay BTQ Studies
- SOCW 404 - Rel/Ethics & Profession Pract
- SPMG 410 - Sport Ethics
- THEO 322 - Black Theology
- THEO 358 - Immigration Theology & Ethics
- THEO 372 - Disability, Ethics & Theology

### 12 Credit Hours of Approved GDST Electives

#### Notes:

- Students must take courses in at least three different disciplines.
- Students must maintain at least a 2.000 GPA in courses for the minor.
- Half of the credit hours must be in courses at the 200-level or above.
- For information regarding the minor, contact the director.

## German Minor

15 credit hours of GERM 202-499 are required:

- Please see Course Descriptions

## Note(s):

- All courses must be taught in German to count toward the minor.
- A 2.5 cumulative average must be attained in all these German courses.

## Greek Minor

15 total credit hours are required, as follows

Select Greek courses beyond the Elementary II level:

- GREK 201-399 (Refer to Course Descriptions.)

## Note(s):

- A 2.500 cumulative average is required in all Greek courses.

## Health Services Administration Minor

This 15 credit hour minor is available to APEX/ADC students only.

## Curriculum

### Required Courses (6 credit hours)

- HESA 101 - Intro To US Health Care
- HESA 110 - Medical Terminology

### Health Services Administration Courses (9 hours of the following)

- HESA 120 - Health Care Management
- HESA 210 - HC Marketing & Strategic Mgmt
- HESA 220 - HC Reimbursement Systems
- HESA 230 - Health Care Finance
- HESA 250 - Public Health
- HESA 341 - Health Informatics
- HESA 361 - Health Data Management
- HESA 380 - Qual Mgmt & Performance Imp
- HESA 390 - Foundation of HC Law & Ethics
- HESA 401 - Health Policy
- HESA 451 - Aging In Society
- HESA 455 - Admin Of Agencies Serv Aged

- HESA 459 - Admin of Post-Acute Care

## **Health, Ethics and Spirituality minor**

The Health, Ethics and Spirituality minor, a collaboration between the Department of Theology and the healthcare-related programs at Xavier, will provide enhanced integrative opportunities for students specializing in the health sciences to deepen their engagement with questions of meaning, purpose, and value, and to explore issues of spiritual and ethical concern most relevant to health care professionals.

15 credit hours

### **Required Courses**

- THEO 111 - Theological Foundations
- THEO 312 - Christian Health Care Ethics

9 credit hours from the following:

- THEO 312 - Christian Health Care Ethics (if THEO 340 is taken as the required minor course)
- THEO 327 - Religion and Bioethics
- THEO 372 - Disability, Ethics & Theology
- THEO 313 - Christian Sexual Ethics
- THEO 315 - Contemporary Ethical Issues
- THEO 374 - Buddhist Christian Exploration
- THEO 345 - The Challenge of Peace
- THEO 386 - Spirituality & Solidarity
- THEO 416 - Theology and Trauma

## **History Minor**

18 total credit hours are required, as follows:

3 hours of Historical Perspectives

12 hours of electives from:

- HIST 105 - World Civilizations I
- HIST 106 - World Civilizations II
- HIST 133 - European History I
- HIST 134 - European History II
- HIST 143 - U.S. History I
- HIST 144 - U.S. History II

3 hours of seminar from:

- HIST 400-498 (Refer to Course Descriptions.)

Note(s):

- Students must include at least one course, at any level, from any two of the following areas: .
  - (1) U.S., (2) European, (3) African, Asian, or Latin American history
- A 2.000 cumulative average must be attained in these courses for the minor.

## Human Centered Making Minor

The minor in Human-Centered Making consists of five courses in Human-Centered Making. It is designed to give students an introduction to design thinking, digital fabrication, and user experience in a series of project-based courses.

Required Courses (12 hours)

- MAKE 101 - Introduction to Making
- MAKE 102 - Making the User Experience
- MAKE 201 - Objects of Digital Fabrication
- MAKE 202 - Modeling Digital Objects

1 Additional, Approved Course (3 hours)

- ARTS 101 - Two-Dimensional Design
- ARTS 105 - Three-Dimensional Design
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms
- CSCI 260 - Software Engineering I
  
- MGMT 385 - Project Management

## Information Systems Minor

The Department of Business Analytics and Information Systems offers the minor in Information Systems.

This minor is available to business and non-business undergraduate students.

18 total credit hours are required, as follows:

12 hours from two required courses:

- BAIS 211 (WCB Core Course) or MATH 156 or MATH 116
- BAIS 220 (WCB Core Course) or CSCI 170
- BAIS 358
- BAIS 389

6 hours from elective courses:



- BAIS 311
- BAIS 329
- BAIS 330
- BAIS 357
- BAIS 359
- BAIS 360
- BAIS 365
- BAIS 459
- BAIS 462
- BAIS 463
- BAIS 499
- ACCT 385 / FINC 385
- ACCT 304
- Other technologically driven courses (must be approved by the BAIS Chair)

## Note(s):

- A 2.000 cumulative average must be attained in these courses.
- At a minimum, to receive the Minor in Information Systems, a student must complete at least 9 hours within the minor which are not double counted in any other program or concentration.

## Innovation Minor

The minor in Innovation teaches students from any major to create, communicate, and commercialize or otherwise realize meaningfully unique ideas in any field. The minor in Innovation gives students the tools and confidence to create their own opportunities, and to realize a prosperous and sustaining future within or outside organizations, businesses, or institutions. Students completing this minor will be able to lead change within their education, their careers, their affiliations, their communities and their personal lives.

Students will choose from one of two tracks. These tracks allow two ways to earn the minor in a field of study in which multiple disciplines intersect. The MAKE track provides students the opportunity to complete independent Innovation projects in collaboration with external partners. The Business track allows students to focus more on innovation within an entrepreneurial context. Innovation minors in the second track seeking to start their own businesses will also be advised to take an additional three courses to complete the Entrepreneurship and Innovation minor

The Minor in Innovation consists of 18 credit hours, including:

### MAKE Track (18 hours):

- MAKE 101 - Introduction to Making
- INNV 103 - Design Thinking
- MGMT 300 - Managerial Behavior
- MGMT 385 - Project Management or MAKE 301 - Human-Centered Project Development
- INNV 400 - Internship
- INNV 403 - Project Development
- INNV 404 - Capstone Project

### Business Track (18 hours):

- MAKE 101 - Introduction to Making
- INNV 103 - Design Thinking
- MGMT 300 - Managerial Behavior
- ENTR 305 - Creativity and Innovation
- ACCT 200 - Introductory Financial Accounting
- ENTR 311 - New Venture Planning

Addition of Entrepreneurship minor

Innovation minors in the **Business** track may take 3 additional courses to complete an Entrepreneurship and Innovation minor .

- MKTG 300 - Principles of Marketing
- MGMT 495 - Strategic Management
- BLAW 300 - Legal Environment **or** SHRM 200 - Human Resources in a Diverse Society **or** ECON 200 - Microeconomic Principles

## **International Business Minor**

This minor is available to undergraduate business students, since all the prerequisites must be met. This includes the entire Business Core, including ECON 200 and ECON 201

15 total credit hours are required, as follows:

6 hours from two required courses:

- MKTG 320 - International Marketing
- FINC 476 - International Finance

6 additional hours of upper division business courses:

- ECON 341 - Econ of Developing Countries
- ECON 450 - International Economics
- MGMT 325 - International Management
- SHRM 325 - International Human Resources

3 hours of approved electives, including:

- FREN 315 - Business French I
- GERM 315 - Business German
- SPAN 306 - Business Spanish

**Note(s):**

- A 2.000 cumulative average must be attained in the courses of the minor.
- At least half of these credit hours must be taken at Xavier.

## **International Studies Minor**

15 credit hours are required, as follows:

9 hours from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations
- POLI 390 - Sem: International Relations

3 hours from either

- ECON 300 - Int'l Trade & Bus Environment
- POLI 372 - International Political Econom

3 hours from 1 elective course of:

- HIST 428 - SEM: Latin Amer Revolutions
- POLI 374 - U.S. Foreign Policy

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## **Italian Studies Minor**

The Italian Studies minor will offer students an interdisciplinary approach to the study of Italian language and culture. Students will achieve intermediate proficiency in the Italian language while pursuing electives on Italian cultural topics in fine art, philosophy, Classics, history, theology, and/or other disciplines. A study abroad experience in Italy is highly encouraged in order to perfect students' language skills, and courses taken while abroad will count towards the minor.

## **Curriculum**

21 credit hours

## **Language Courses**

12 credit hours

- ITAL 101 - Elementary Italian I
- ITAL 102 - Elementary Italian II
- ITAL 201 - Intermediate Italian I
- ITAL 202 - Intermediate Italian II

## Electives

9 credit hours

- ARTS 271 History of Art II: Renaissance - Present
- CLAS 102 Ancient Mediterranean Civilization: Rome
- CLAS 160 From Romulus to Octavian
- CLAS 161 From Augustus to Attila
- CLAS 262 Roman Archaeology
- HIST 138 Francis: The Making of a Saint
- PHIL 351 Italian Philosophy
- PHIL 352 Bacon and Machiavelli
- PHIL 378 Vico
- THEO 257 Franciscan Spirituality
- THEO 270 New Testament and Politics
- THEO 318 Women and Early Christianity

## Courses taught during Xavier's Summer Program in Rome:

- ARTS 112 The Aesthetic Experience: Rome in Film
- ARTS 113 Art in Rome
- EDEC 300 Studies in Early Childhood
- ITAL 258 Language and Culture in Italy
- PHIL 200/351 Italian Philosophy
- PHYS 124/125 Our Universe: In the Beginning
- PHYS 126/127 Science in Art and Architecture
- THEO 244/344 Early Christianity in Rome

## Note(s):

- If students place into a higher level of Italian language coursework, they may complete the Italian Studies minor by pursuing courses counting for no fewer than 15 total credit hours.
- The electives for the minor will be approved by the Italian Language Section Coordinator and by the Chair of the Department of Classics and Modern Languages.

## Jewish Studies Minor

The 15 credit hour Jewish Studies minor is earned by completing courses within four learning goals.:

1. a multi-faceted understanding of Jewish civilization, history, culture, and religion **(C)**
2. the experience of deep engagement with secular and religious Jewish texts **(T)**
3. an understanding of historical and contemporary relations between Jews and Christians and the effects of this history on Jewish and Christian memory and identity **(R)**
4. an experience of the Jewish world from multiple disciplinary perspectives

To achieve these ends, students will take at least one course serving each of the first three learning goals (designated by the abbreviations C, T, and/or R). To achieve learning goal number four, students are strongly encouraged to take courses from three or four different academic disciplines, although the minimum requirement is two. The curriculum is intended to offer students both breadth of knowledge and flexibility so that the minor can be tailored to each person's unique academic program.

## Courses serving the minor include:

- CLAS 171 - Ancient Iraq and Bible Lands **(C)**
- CLAS 173 - Introduction to Biblical Hebrew **(C or T)**
- CLAS 211 - The Dead Sea Scrolls **(C or T)**
- CLAS 251 - Near Eastern Mythology: Art **(C)**
- CLAS 252 - Near Eastern Mythology: Literature **(C or T)**
- CLAS 307 - Biblical Archaeology **(C)**
- ENGL 336 - Israeli Literature **(C or T)**
- ENGL 350 - Modern Jewish Fiction **(C or T)**
- ENGL 351 - Jewish American Literature **(C or T)**
- HIST 264 - Hellenism, Judaism, Christianity **(C or T or R)**

- HIST 351 - Zionism and Modern Israel (offered as a tutorial on demand) (C)
- HIST 464 - Russian Jewish History (offered as a tutorial on demand) (C)
- PHIL 200 - Judaism and the Enlightenment (C or T)
- PHIL 309 - Medieval Islamic Philosophy (C or T)
- PHIL 383 - Spinoza (C or T)
- PHIL 396 - Travel Seminar in Israel (C or R)
- THEO 211 - The Dead Sea Scrolls (C or T)
- THEO 273 - Introduction to Biblical Hebrew (C or T)
- THEO 280 - Readings in Biblical Hebrew (C or T)
- THEO 281 - Readings in Biblical Hebrew II (C, T)
- THEO 283 - Jewish/Christian Dialogue (R)
- THEO 284 - Jews and the Gospels (C or T or R)
- THEO 296 - Jewish Interpretations of Job (C or T)
- THEO 319 - Anti-Semitism: The Great Hatred (R)
- THEO 329 - Judaism and Ritual (C)
- THEO 346 - Hellenism, Judaism, Christianity (C or R)
- THEO 351 - Introduction to Hebrew Scriptures (C or T)
- THEO 352 - Judaism: Customs, Practice and Belief (C)
- THEO 353 - The Holocaust (C, R)
- THEO 382 - Interfaith Relations in Israel (R)
- THEO 394 - Hebrew Bible: Ethical Living (C or T)
- THEO 477 - Jewish and Christian Bioethics (C or R)
- THEO 491 - Healing Deadly Memories (R)

## Latin American, Latinx, & Caribbean Studies Minor

The Latin American, Latinx, & Caribbean Studies Minor is an interdisciplinary program housed in the department of modern languages. It is available to all Xavier undergraduates and enhances any major. It is designed to help students achieve an advanced level of ability in the Spanish language and cultural competency in Latin America. Many employers look for evidence that candidates for employment are prepared to deal with the realities of a global society.

18 credit hours required as follows:

### Introductory Course

- SPAN 253 - Intro to Latin American Stud

1 course in Spanish Language Development

- SPAN 300-310

1 course in Latin American Literature and Culture

- SPAN 345 - Contemporary Lat Amer Cinema
- SPAN 352 - Latin Amer Trad & Pop Cult
- SPAN 357 - Language and Culture in Guatem
- SPAN 359 - Community Engagement Peru
- SPAN 427 - Spanish-American Lit & Civ I
- SPAN 428 - Spanish-American Lit & Civ II
- SPAN 429 - Spanish-American Lit & Civ III
- SPAN 444 - 19th Century Spanish-Amer Lit
- SPAN 445 - 20th Century Spanish-Amer Lit

1 course with Latinx Focus

- SPAN 328 - Phonetics and Dialectology
- SPAN 331 - Latino Voices in the Community

- SPAN 332 - Span Community Health Settings

## 1 History course

- HIST 199 - Historical Perspectives (sections with a specific Latin American focus, such as "Latin America from Cortes to Castro" and "Africans in the Americas")
- HIST 231 - Transatlantic Slave Trade
- HIST 429 - SEM: Latin America & the US
- HIST 478 - Atlantic Slavery
- HIST 481 - The U.S.-Mexico Borderlands

## 1 approved elective

- THEO 345 - The Challenge of Peace

## **Latin Minor**

15 total credit hours are required, as follows:

Select Latin courses beyond the Elementary II level:

- LATN 201-399 (Refer to Course Descriptions.)

Note(s):

- A 2.500 cumulative average is required in all Latin courses.

## **Management Minor**

This minor is for Non-Business majors only.

15 total credit hours are required, as follows:

3 credit hours in:

- MGMT 200 - Organizational Management

12 credit hours of MGMT or SHRM electives

- MGMT Elective #1 (excluding 201, 303, and 403)
- MGMT Elective #2 (excluding 201, 303, and, 403)
- MGMT/SHRM Elective #3 (excluding 201)
- MGMT/SHRM Elective #4 (excluding 201)

## Mathematics Minor

20 total credit hours are required, as follows:

11 hours of mathematics courses:

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 225 - Foundations Of Higher Math

9 additional hours of mathematics electives selected from:

- MATH 220 Multivariable Calculus
- MATH 225-399 (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these mathematics courses.
- The Mathematics minor is open to all undergraduates except students majoring in Mathematics or Actuarial Science.
- Students can receive no more than one of these three minors: Mathematics, Applied Mathematics, Statistics.

## Montessori Education Minor

This 15 hour minor is an introduction to Montessori Education and does not grant an American Montessori Society Credential. This minor can be completed alongside any major.

### Courses

- EDME 350 - Observation/Assessment Methods
- EDME 351 - Montessori Ed: Phil Approach
- EDME 364 - Early Childhood/Mont Meth
- EDME 355 - Mont Cultural Subjects Method
- EDME 377 - Early Childhood Math & Science
- EDME 353 - Mont Math & Geometry Methods
- EDME 376 - Phonics Skills for Early Chldh
- EDME 354 - Mont Language Arts & Read Meth

## **Music Performance Minor**

18 total credit hours are required, as follows:

8 hours of music courses from:

- MUSC 200 - Music Theory I (Quantitative Reasoning Flag)
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II

3 semesters in Recital Attendance:

- MUSC 199 - Recital Attendance (0 credit hours, 7 recitals or other approved events per semester)

4 hours in an Private Lessons from:

- MUSC 278-299 (4 semesters at 1 credit each) (Refer to Course Descriptions )

6 hours in an Ensemble from:

- MUSC 259 - XU Men's Chorus
- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 266 - Chamber Music
- MUSC 267 - Percussion Ensemble
- MUSC 270 - Chamber Orchestra
- MUSC 271 - Jazz Orchestra

Note(s):

- Additional Requirements:
- Pass applied music exam at the end of each semester of private lessons.
- Perform in a minimum of 4 department recitals.
- Optional: Present a recital (MUSC 450 - Senior Recital) during the final semester of lessons.
- Maintain a 2.0 cumulative average in these courses.

## **Music Production Minor**

15 total credit hours are required, as follows:

9 hours of music courses from:

- MUSC 127 - Electronic Music
- DIFT 340 - Audio Production



3 hours of popular music electives from:

- MUSC 105 - Hip Hop: Music and Culture
- MUSC 106 - Music In Film
  
- MUSC 113 - American Popular Music
- MUSC 114 - Jazz: American Creative Music
- MUSC 117 - History of Rock
- MUSC 118 - Heavy Metal: Music and Culture

3 hours of Private Lessons from:

- MUSC 276-299 or MUSC 425 (3 semesters at 1 credit each) (Refer to Course Descriptions )

Notes:

- Attendance at a minimum of 21 recitals (7 each semester of MUSC 199).
- A 2.000 cumulative average must be attained in these courses.

## **Music Studies Minor**

18 total credit hours are required, as follows:

8 hours of music courses from:

- MUSC 200 - Music Theory I (Quantitative Reasoning Flag)
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II

4 hours in an Ensemble from:

- MUSC 259 - XU Men's Chorus
- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 266 - Chamber Music
- MUSC 267 - Percussion Ensemble
- MUSC 270 - Chamber Orchestra
- MUSC 271 - Jazz Orchestra

6 hours of Music electives:

- MUSC 101-425 (Refer to Course Descriptions )

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Musical Theatre Minor

The Musical Theatre Minor is an interdisciplinary minor with the Department of Music of Theater. This minor brings together courses involving singing, dancing, and stage performance to provide a unique opportunity for students interested in music and theatre to concentrate on both areas while earning one minor. These are students who, due to constraints of time and credit hours, must currently choose between either a Music or a Theatre Minor.

22 total credits are required, as follows:

### Theatre Classes:

- THTR 100 - Introduction to the Theatre
- THTR 120 - Acting I
- THTR 221 - The Audition Process

### Musical Theatre Classes:

- THTR 195 - Musical Theatre Ensemble (2 semesters)
- THTR 197 - Voice for Theatre Majors (4 semesters)
- THTR 219 - American Musical Theater

### Dance Courses from the following:

Must take two courses in two styles of dance.

#### Jazz

- MUSC 155 - Dance & Movement - Bgnr Jazz
- MUSC 157 - Dance & Movement - Adv Jazz

#### Tap

- MUSC 154 - Dance & Movement - Bgnr Tap
- MUSC 156 - Dance & Movement - Adv Tap

#### Ballet

- MUSC 158 - Ballet I
- MUSC 159 - Ballet II
- MUSC 160 - Ballet Intermediate/Advanced

#### Musical Theatre

- DANC 201 - Musical Theatre Dance
- DANC 301 - Musical Theatre Dance II

### Performance Classes:

- Must be on a musical theatre production

- THTR 199 - Theatre Performance Workshop

## Operations and Supply Chain Management Minor

21 Credit Hours

18 credit hours from:

- BAIS 211 (WCB Core Course) or MATH 156 or MATH 116
- BAIS 220 (WCB Core Course) or CSCI 170
- BAIS 302 (WCB Core Course)
- BAIS 330
- BAIS 333 / MGMT 333
- BAIS 336 / MGMT 336

3 credit hours from:

- MKTG 310
- MKTG 340
- BAIS 360
- BAIS 365
- BAIS 367
- BAIS 389
- BAIS 463
- BAIS 498
- ACCT 304
- ACCT 425
- MGMT 322

### Note(s)

At a minimum, to receive the Minor in Operations and Supply Chain Management, a student must complete at least 9 hours within the minor which are not double counted in any other program or concentration.

## Peace and Justice Studies Minor

Peace and Justice Studies is a rapidly developing, interdisciplinary area of academic study which examines:

- issues of peace/war, social justice, and ecological sustainability
- strategies for conflict resolution/conflict transformation
- the history of nonviolent direct action
- human rights and grassroots movements for social change
- the relationship between spirituality and social action
- the impacts of our daily choices in creating a better world

Xavier's Peace and Justice Studies Minor is a fifteen hour interdisciplinary program compatible with any undergraduate major. Peace and Justice Studies draws on a wide range of academic subjects including history, political science, theology, literature, economics, social work, gender and diversity studies, the natural sciences, and others. The minor requires the Challenge of Peace seminar (THEO 345/POLI 344) and four approved electives. No more than two of the electives can be in the same department. A 2.000 cumulative average must be attained in all courses for the minor.

15 credit hours

3 credit hours in

- THEO 345 - The Challenge of Peace
- POLI 344 - The Challenge of Peace

12 credit hours in approved electives

Notes:

- No more than two of the electives can be in the same department.
- A 2.000 cumulative average must be attained in all courses for the minor

## **Philosophy Minor**

18 total credit hours are required, as follows:

6 hours of philosophy courses from:

- PHIL 340 - Metaphysics

3 hours of a "history of philosophy" elective selected from:

- PHIL 354 - Classical American Philosophy
- PHIL 362 - Ancient Political Philosophy
- PHIL 363 - Medieval Political Philosophy
- PHIL 364 - Modern Political Philosophy

6 hours of two philosophy electives selected from:

- PHIL 300 and higher (Refer to Course Descriptions.)

3 hours of a philosophy seminar course section from:

- PHIL 300 and higher (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Physics Minor

18 total credit hours are required, as follows:

8 hours of introductory physics courses:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
  
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II

10 hours of electives:

- PHYS 206-398 (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Political Communication Minor

The minor in political communication enables students to explore the process through which citizens learn about the political process and the institutions, people and decisions that impact the world around us. The minor also provides students with an opportunity to develop oral and writing skills that are central to the students' academic and social development, while enhancing their ability to understand the political process and contribute effectively to civic life.

18 total credit hours required

- POLI 140 - American Government and Politi
- POLI 359 - Campaigns, Elections & Parties
- COMM 206 - Writing for the Media
- COMM 221 - Introduction to Digital Media
  
- COMM 385 - Media, Democracy & the Public
  
- POLI 246 - Mass Media and Politics
  
- POLI 399 - Political Comm Internship
  
- COMM 398 - Communication Internship I

## Political Economy Minor

The Minor in Political Economy explores the integration of economics, law, public policy, and financial markets. **This minor is available to Smith Scholars only** and is designed to prepare Smith Scholars for engagement with global and regional issues that require economic, political, legal, and financial analysis.

15 credit hours are required:

- POLI 347 - Supreme Court on Civil Liberties (3)
- FINC 370 - Financial Markets and Institutions (3)
- BLAW 400 - Regulatory Environment of Business (3)
- ECON 315 - History of Economic Thought (3)
- ECON 370 - Economic Theory and Applications in Public Policy (3)

**Optional:**

- IDST 499 - Senior Thesis (3)

## Political Science Minor

15 total credit hours are required, as follows:

9 hours of political science courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 140 - American Government and Politi
- POLI 277 - International Relations

3 hours from a choice of either:

- POLI 301 - Political Philosophy
- POLI 350 - Political Theory & Amer Polity

3 hours for an elective from:

- POLI 200-490 (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these political science courses.

## Political Thought Minor

The minor in Political Thought is an opportunity for students to pursue an interest in researching major issues and texts in political theory. The minor builds on students' exposure to the question of justice and the best regime in Plato's *Republic*, a text studied by all undergraduates in Philosophy 100 as part of the core. In the spirit of that course (which is not included in the minor), the Political Thought minor emphasizes landmark texts that raise fundamental questions about the nature and purpose of politics. Such questions may include: What is a political community? What is the best form of government? What is the philosophical basis of the American political system? What legitimates a regime or a body of law? What is the essence of justice? What are the rights and responsibilities of a citizen? What is a revolution and when is it justified? What are the proper relations between politics and ethics, and between politics and religion?

18 hours of coursework to be selected from the courses below. A 2.000 cumulative average must be attained in these courses.

## 18 credit hours from:

### Philosophy courses:

- PHIL 338 - Enlightenment & Revolution
- PHIL 339 - Revolution & Its Aftermath
- PHIL 359 - Philosophy & Slavery
- PHIL 360 - Social Contract Theory
- PHIL 362 - Ancient Political Philosophy
- PHIL 363 - Medieval Political Philosophy
- PHIL 364 - Modern Political Philosophy
- PHIL 372 - John Locke
- PHIL 374 - Hobbes
- PHIL 382 - John Stuart Mill

### Political Science courses:

- POLI 301 - Political Philosophy
- POLI 302 - Liberalism and Its Critics
- POLI 307 - Pol of Commerce & Character
- POLI 308 - Rousseau's Human Poli Vision
- POLI 347 - Supreme Ct on Civil Liberties
- POLI 350 - Political Theory & Amer Polity
- POLI 363 - Lincoln & Debate on Slavery
- POLI 415 - Paris Seminar Political Theory

### Notes:

- A 2.000 cumulative average must be attained in these courses.
- Other courses may count toward the minor if the student gains approval from the chairs of both the Philosophy Department and the Political Science Department. Ordinarily such courses will be offered by these two departments, but courses offered by other departments will be considered on a case-by-case basis.
- If a Philosophy or Political Science major wishes to obtain a minor in Political Thought, that student must take at least one of the courses for the minor from the other department, i.e., the department in which he or she is not a major.

## Population Health Minor

The Population Health Minor is an interdisciplinary minor open to all Xavier University undergraduate students and compatible with any major. Courses provide students with an understanding of the distribution of health outcomes within populations, the social determinants of health (SDoH) that influence health distribution and equity, the economic framework influencing social determinants of health (SDoH), and the policies and interventions that impact the determinants and life expectancy of the population within diverse communities.

**Academic Support** - The minor has a faculty Director who is available to advise and guide students on the minor in population health requirements.

15 total credit hours are required, as follows:

## 9 hours of a required course

- HESA 245- Intro to Population Health
- HESA 380- Quality Management & Performance Improvement
- HESA 499- Population Health Capstone

## 6 hours of Population Health courses

- Students are to select courses totaling 6 credits from the list of courses that contain the approved attribute for population health
- Note: No more than six hours may come from a single department.

### Approved Courses include:

- BIOL 227 Parasitology
- BIOL 260-261 Environmental Sciences
- BIOL 364 Virology
- BIOL 398 Air and Water Pollution
- BIOL 430 Medical Genetics
- ECON 395 Economics of Poverty
- EDME 359 Community and Advocacy in Education
- HESA 101 Introduction to US Health Care
- HESA 345 Population Health Management
- HESA 372 Internship 2 Community Service Learning
- HESA 373 Immersive Learning in Population Health
- HESA 380 Quality Management and Performance Improvement
- HESA 390 Foundations of Healthcare Ethics and Law
- HESA 498 Independent Study in Advanced Health Services
- HESA 101 Introduction to American Health Care
- HIST 114 History of Native American Health
- HIST 237 History of Epidemic Disease
- HIST 319 Health in Modern Britain
- HOCS 323 Occupational Justice I: Foundations
- NURS 132 Health and Culture
- NURS 470 Community Health Nursing
- NURS 471 Community Health Nursing Practicum
- PSYC 277 Abnormal Psychology
- PSYC 368 Health Psychology
- SOCW 208 Economics of Society
- SOCW 300 Adolescence to Older Adult Development
- SOCI 375 Sociology of Health
- SOCW 299 Child Welfare and Development
- SOCW 315 Values, Poverty and Society
- SPAN 332 Spanish in Community Health Settings
- THEO 312 Christian Health Care Ethics

## Pre-Physical Therapy Minor

A minor in pre-physical therapy is earned by completing a minimum of 44-46 credit hours of required science and other courses and is based on an examination of pre-requisites for graduate physical therapy programs, as described by the Physical Therapist Centralized Application Service (PTCAS), which is a service of the American Physical Therapy Association (APTA). Please note that pre-requisites for DPT programs vary by school so students will need to carefully research the pre-requisites at those schools to which they intend to apply. The Pre-Professional Health Advisor at Xavier will be able to advise students with regard to this minor. Students should consult the Biology department chair concerning specific requirements for the minor.

## 44-46 total credit hours are required, as follows

### Biology:

16/18 hours of lecture & lab from



## Option 1:

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health
- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health

## Option 2:

- BIOL 354 - Human and Comparative Anat
- BIOL 355 - Human and Comp Anat Lab

## Note:

General Biology Sequence (BIOL 160-163) is a pre-requisite for BIOL 354/355 and 410/411

## Additional Required Courses

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- EXSC 300 - Exercise Physiology
- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics
- PSYC 101 - General Psychology
- SOCI 101 - Introduction to Sociology

## Note(s):

- A 2.000 cumulative average must be attained in all these courses.

## Professional Education Minor

In adolescent to young adult or secondary (grades 7-12) and pre-K-12 multi-age programs, students have a major in their area reaching field and complete licensure requirements in professional education courses. Exceptions to this are the Music and Theater pre-K-12 programs where students major in Music Education and Theater Education, respectively.

A Professional Education minor is normally declared by an undergraduate who intends to achieve state licensure to teach at the pre-K-12 or 7-12 grade levels. The student must meet with a secondary education advisor for licensure requirements. The student retains his/her major area advisor for guidance in the major, University core and for all other purposes.

This minor requires the completion of 31 to 36 semester hours of education course work, including internship/student teaching, and a minimum GPA of 2.700 must be achieved. State licensure also requires the completion of prescribed courses in the teaching subject area, as well as all required state-mandated tests for teacher licensure. In order to complete the licensure sequence at the end of his/her bachelor's program, the undergraduate should begin the licensure sequence no later than the first semester of the sophomore year. Contact the Department of Secondary and Special Education for further information (513 745-3485).

All areas of concentration must take these foundation courses:

19 hours required from:

- EDFD 110 - Advanced Human Development
- EDMS 131 - Professional Education
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

Concentration areas:

15-20 hours required (complete 1 of the following 4 options)

### 1. Secondary Ed (7-12):

15 hours required, take one course from:

- EDMS 207 - World & Cultural Geography (also take EDMS 333)
- EDMS 325 - Meth/Curr/Asmt in World Lang
- EDMS 330 - Meth/Curr/Asmt in Mathematics
- EDMS 331 - Meth/Curr/Asmt in English Lang
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 333 - Meth/Curr/Asmt in Social St (also take EDMS 207)
- EDMS 335 - Meth/Curr/Asmt in Ancient Lang
  
- EDMS 470 - Student Teaching AYA and
- EDMS 480 - Secondary Student Teaching Sem

### 2. Languages (pre-K - 12):

15 hours required, take:

- EDMS 325 - Meth/Curr/Asmt in World Lang or
- EDMS 335 - Meth/Curr/Asmt in Ancient Lang
  
- EDMS 471 - Student Teaching: Multi-Age
- EDMS 480 - Secondary Student Teaching Sem

### 3. Music (pre-K - 12):

21 hours required, take:

- MUSC 221 - Elementary Methods
- MUSC 320 - Instrumental Methods
- MUSC 321 - Choral Methods
- EDMS 471 - Student Teaching: Multi-Age
- EDMS 480 - Secondary Student Teaching Sem

#### 4. Theater (pre K-12):

21 credit hours

- EDMS 471 - Student Teaching: Multi-Age
- EDMS 480 - Secondary Student Teaching Sem

#### 5. Visual Art (pre-K - 12):

15-18 hours required, take:

- EDMS 336 - Methods Curr & Assment in Art or
- ARTS 221 - Early & Middle Childhood Art and
- ARTS 223 - Secondary School Art
- EDMS 471 - Student Teaching: Multi-Age
- EDMS 480 - Secondary Student Teaching Sem

#### Note(s):

- **Caution:** Please consult with the Director of Secondary Education for exact program details and specific State of Ohio teaching licensure requirements.

### **Psychology Minor**

18 total credit hours, as follows:

9 hours of required courses from:

- PSYC 101 - General Psychology
- PSYC 261 - Social Psychology

3 hours from either:

- PSYC 231 - Developmental Psychology
- PSYC 277 - Psychological Disorders

6 hours of approved electives from:

- PSYC 232 - PSYC 498

## Note(s):

- \* PSYC 220 requires a statistics course as a pre-requisite or a co-requisite. Acceptable statistics courses for this requirement include: MATH 116, MATH 146, MATH 156, PSYC 210/212 or BAIS 210.
- A 2.000 cumulative average must be maintained in these psychology courses.
- The University core Social Science elective is included in the minor requirements.

## Public History Minor

Public History is the research and presentation of history specifically for popular consumption. Public historians are found in museums, historical sites, archives, non-profits, and digital ventures. While public historians utilize the skills of the historical discipline, they apply them directly to public ends, including education, policymaking, and preservation. A minor in Public History helps students succeed in mastering research, analysis, and presentation skills and better understand how those skills can be translated into satisfying employment and lifelong learning.

### 20 credit hours, as follows:

- HIST 290 - Introduction to Public History
- DIFT 104 - Video Production Non-Electronic Media or ARTS 215 - Web Design
- HIST 415 - Practicum in Public History
- HIST 416 - Public History & Communities
- HIST 448 - Internship in Public History I
- HIST 449 - Internship in Public History II
- 6 hours of HIST electives selected in consultation with advisor

## Public Relations Minor

The public relations minor includes the study of the principles, audiences, ethics, and skills of public relations.

### 18 total credit hours are required, as follows:

#### 15 hours from:

- COMM 101 - Oral Communication
- COMM 206 - Writing for the Media
- COMM 270 - Principles of Strategic Comm
- COMM 372 - PR Cases and Planning
- COMM 477 - Strat Comm Ethics Society

#### 3 hours of electives (1 course) selected from:

- COMM 301 - Presentational Speaking
- COMM 371 - Public Relations Writing
- COMM 426 - Media Law & Policy

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Religious Education Minor

The Religious Education minor is designed to prepare theology majors to meet the Archdiocese of Cincinnati's professional requirements for Catholic High School Religion Teacher Certification. The Religious Education minor alone does not suffice to meet those professional requirements. Rather, the theology major must be completed in addition to this minor in order to satisfy the necessary educational requirements for archdiocesan certification. The certification standards of other Catholic dioceses are similar to Cincinnati's, but students are strongly encouraged to check with the diocese where they plan to teach religion.

**The Religious Education minor is only available to students majoring in Theology.**

19 total credit hours are required, as follows:

- EDFD 110 - Advanced Human Development
- EDSP 380 - Classroom Management
- EDMS 411 - Clinical Experiences
- EDMS 471 - Student Teaching: Multi-Age

Note(s):

- A 2.70 minimum cumulative average must be attained in all Theology courses and the courses for the minor. The Theology Department will also assess a student's readiness to teach in January of their junior year.

## Social Work Minor

The social work minor provides students with:

- An understanding of the profession of social work and the central role of advocacy
- An understanding of social work values and ethical practices
- An examination of contemporary social issues affecting individuals, families, groups, organizations, and communities integrating diversity and social justice perspectives
- An understanding of social policies and social institutions that impact citizens and society
- An understanding of knowledge and skills necessary to engage in empowerment and advocacy for the collective well-being of all and developing solutions to many contemporary social problems

18 credit hours

6 credit hours:

- SOCW 167 - Survey of Society Social Work
- SOCW 316 - Soc Policy & Contemporary Issu

12 credit hours

Choose 4 of the following 5:

- SOCW 206 - Intro to Gender & Diversity St
- SOCW 208 - Economics of Society
- SOCW 299 - Child Welfare and Development
- SOCW 300 - Adolescence - Older Adulthood
- SOCW 315 - Values, Human Rights, Advocacy
- SOCW 404 - Rel/Ethics & Profession Pract or

- THEO 404 - Rel/Ethics & Prof. Practice

## Note(s):

- A grade of C or better is required for all coursework in the minor.

## Sociology Minor

15 credit hours are required, as follows:

9 hours from:

- SOCI 101 - Introduction to Sociology
- SOCI 200 - Foundational Social Thought
- SOCI 352 - Investigating Social Life I

6 hours of elective courses selected from:

- SOCI 200-499 (Refer to Course Descriptions.)

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Spanish Minor

This list describes in general terms the proposed sequence of courses for the Xavier University Spanish minor. Every student's path may be different, and all minors will consult with their Spanish advisor each semester to ensure that they are taking the right course at the right time for their individual needs and goals. The sequence may be adjusted when a student studies abroad.

18 credit hours are required (a minimum of 8 credit hours must be taken on campus):

- SPAN 202 - 3 hours (If a student tests into SPAN 300 and begins the minor with SPAN 300 or SPAN 301, then 6 hours of 350-498 are required)
- SPAN 300 or 301 - 3 hours
- SPAN 302-310 - 3 hours
- SPAN 311-498 - 9 hours (12 hours if they student begins with SPAN300 or SPAN301)

## Note(s):

- All courses must be taught in Spanish to count toward the minor.

- A 2.5 cumulative average must be attained in all these Spanish courses.

## Special Education Minor

The Special Education program is offering a minor for students who are not training to be Special Education Interventionists but want the information regarding disabilities to better perform their duties as nurses, social workers, psychologists, teachers, etc will welcome the opportunity to gather additional skills that will support their future careers. The Special Education Minor-Education track is for educators who want to learn more about servicing students with special needs but do not intend to become intervention specialists who are responsible for the education of students with disabilities. If this student later determines that they do wish to pursue a license or endorsement in special education, then these courses would lend themselves to that opportunity as well. The Special Education licensure in the State of Ohio is a teaching license, requires a state licensing exams and student teaching, whereby the minor does not. The Special Education Minor-Disability track is for professionals outside of education who intend to service populations that may include individuals with special needs such as social workers, medical professionals, criminal justice majors, etc. To formalize the minor, individuals need to have it noted on their academic transcripts.

The courses described below offer the necessary knowledge needed to work with individuals with special needs. Eligibility for the Special Education Minor requires an undergraduate acceptance into the university and acceptance into the Xavier Special Education Minor program. Xavier University's Special Education Minor includes 18 undergraduate credit hours and requires documented field hours.

The following courses are required for the minor and students be invited to choose which track that would like to participate in--Special Education Minor--teaching track or the disability awareness track.

### Special Education Minor - Education Track

- EDFD 110 - Advanced Human Development
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 205 - Foundations in ECSPED
- EDSP 360 - M/M Characteristics & Strategi
- EDSP 380 - Classroom Management

### Special Education Minor - Disability Track

- EDFD 110 - Advanced Human Development
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 372 - Communication Strategies & Tec

Special Education Electives available for the Disability Track include the following courses:

- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 362 - M/M Support Services

## Spirituality and Solidarity Minor

18 total credit hours are required, as follows:

- THEO 111: *Theological Foundations*
- THEO 386: *Spirituality and Solidarity*
- An approved course in spirituality (Christian, Buddhist, or another tradition)
- An approved course focusing on social and/or ecological issues (such as poverty, hunger, violence, immigration, gender, race, climate change, etc.
- Six hours of electives from THEO 201-499

Note:

Courses used to complete the Spirituality and Solidarity minor may not double-count in meeting the requirements of the Theology minor.

## Statistics Minor

The Department of Mathematics offers the minor in Statistics.

This minor is intended to enhance student's understanding of data, uncertainty, and estimation. Students completing the minor will acquire a mastery of fundamental theory in probability and statistics, as well as a working knowledge of advanced data analysis methodology that have found applications in a broad range of areas (e.g., biology, medicine, computer science, economics, finance, psychology, marketing, manufacturing, and engineering).

20 total credit hours are required, as follows:

17 hours of mathematics courses:

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 256 - Intro to Probability & Stats
- MATH 311 - Probability Theory
- MATH 312 - Statistical Inference

3 additional hours selected from one of the following:

- MATH 257 - Data Modeling
- ECON 350 - Business Cycles & Forecasting
- BAIS 329 - Data Mining

Note(s):

- A 2.000 cumulative average must be attained in these courses for the minor.
- The Statistics minor is available to all undergraduates. For statistic minors also majoring in Mathematics, at most two of the Statistics minor courses numbered 220 or higher may count towards the requirements of the Mathematics major.
- Students can receive no more than one of these three minors: Mathematics, Statistics, Applied Mathematics,

## Strategic Human Resource Management Minor

The Department of Management, Entrepreneurship and Strategic Human Resources offers the minor in Strategic Human Resources Management.

This minor is available to any undergraduate student. It is designed to give business and non-business majors skills that will enhance their attractiveness to employers upon graduation. Since all managers are people managers, the Strategic HRM minor benefits all future managers. It also provides an opportunity to pursue a business specialty in HR. Strategic HRM concerns the total activity of an organization, business, or firm as these activities relate to the work force. Such activities include employment law, recruiting and selection, training and development, performance management, compensation and benefits, workplace diversity, and labor relations.

Outside of the classroom, students expand their knowledge by participating in a part-time or full-time internship in human resources. Credit and non-credit opportunities are available.

### Requirements for the Strategic Human Resource Management Minor



15 total credit hours are required, as follows:

3 hours specifically required:

- SHRM 200 - Human Resources In a Diverse S
- MGMT 200 - Organizational Management

9 hours of SHRM Electives

- From SHRM 301-499 (excluding 303 and 403)

3 hours from the following:

- SHRM 303 - Human Resources Internship I
- SHRM 403 - Human Resources Internship II
  
- BAIS 311 - Sabermetrics
- BAIS 329 - Data Mining
- BAIS 358 - Data Modeling and Management
- BAIS 365 - Business Analytics
- ECON 350 - Business Cycles & Forecasting
- ECON 370 - Historic Dev of Amer Econ
- ECON 410 - Economic Growth
- ECON 460 - Labor Economics
- FINC 388 - Entrepreneurial Finance
- FINC 480 - Risk Management & Insurance
- MKTG 361 - Professional Selling
- MKTG 362 - Professional Selling Practicum
- MKTG 370 - Consumer Behavior
- MKTG 385 - Digital Mktg and Analytics
- PSYC 321 - Industrial-Organizational Psyc
  
- HESA 210 - HC Marketing & Strategic Mgmt

Note(s):

- No more than three (3) hours may double count between MGMT major and SHRM minor (excluding SHRM 200, which is fulfilled in the business core; this is not considered double counting).
- A 2.000 cumulative average must be attained in the courses of the minor.

## **Studio Art Minor**

18 total credit hours are required, as follows

6 hours required in art courses:

- ARTS 101 - Two-Dimensional Design and
- ARTS 105 - Three-Dimensional Design

12 hours of Studio electives, including but not limited to:

- ARTS 102 - Drawing I
- ARTS 103 - Painting I
- ARTS 104 - Printmaking I
- ARTS 106 - Fiber Arts I
- ARTS 107 - Sculpture I
- ARTS 108 - Photography I
- ARTS 109 - Ceramics I
- ARTS 113 - Art in Rome
- ARTS 116 - Designing on Silk
- ARTS 119 - The Potter's Wheel
- ARTS 142 - Graphic Design I
- ARTS 152 - Illustration I
- ARTS 202 - Drawing II
- ARTS 203 - Painting II
- ARTS 204 - Printmaking II
- ARTS 205 - Figure Modeling
- ARTS 206 - Fiber Arts II
- ARTS 207 - Sculpture II
- ARTS 208 - Photography II
- ARTS 209 - Ceramics II
- ARTS 214 - Technology For Artists
- ARTS 215 - Web Design
- ARTS 242 - Graphic Design II
- ARTS 252 - Illustration II

Note(s):

- Consult with an advisor for guidance.
- A minimum grade of "C" must be attained in all art courses to count toward the minor.
- Further information concerning art minors can be obtained from the Department of Art.

## Theatre Minor

19 total credit hours are required, as follows:

12 hours of theatre credits:

- THTR 100 - Intro to Theatre
- THTR 120 - Acting I
- THTR 150 - Stagecraft
- THTR 210 - Script Analysis

At least 1 credit must be a 198 or 199 up to 4 (1/4)

- Or Another Theatre Course (3)

3 credits from another 200 or above level theatre course

## **Theology Minor**

18 total credit hours are required, as follows:

12 hours of theology courses from:

- THEO 111 - Theological Foundations
- THEO 209 - Exploring the Christian Past I or  
• THEO 210 - Exploring Christian Past II
- THEO 351 - Intro to Hebrew Scriptures or  
• THEO 303 - Christian Ethics: Methods & Q
- THEO 328 - Intro to Christian Scriptures

6 hours of electives from:

- THEO 201-499 (Refer to Course Descriptions.)

Note(s):

- The core curriculum theology requirement is included within the minor.
- A 2.000 cumulative average must be attained in these courses.
- Courses used to complete the Theology minor may not double-count in meeting the requirements of the Spirituality and Solidarity minor.

## **Writing Minor**

The Writing Minor is an 18 credit curriculum requiring two introductory courses and four electives drawn from Communication Arts and English Department courses. See the English Department Chair for more information.

18 total credit hours are required, as follows

6 hours from:

- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric
- COMM 206 - Writing for the Media

12 hours of upper-level electives from:

- COMM 237 - Elements of Copy & Design
- COMM 371 - Public Relations Writing
- COMM 398 - Communication Internship I (with a writing emphasis, as approved by the Communication Arts internship director)
- ENGL 307 - Humanities Internship
- ENGL 309 - Creative Writing: Poetry
- ENGL 310 - Creative Writing: Fiction
- ENGL 314 - Writing Journals&Autobiography
- ENGL 315 - Composition Tutoring
- ENGL 318 - Creative Nonfiction
- ENGL 319 - Writing as Social Action
- ENGL 337 - Theories & Research in Writing
- ENGL 339 - Digital Writing

## Note(s):

- A 2.000 cumulative average must be attained in English/Communication Arts courses.

## Certificate

### Applied Computation Certificate

The Department of Computer Science offers the Certificate in Applied Computation. This certificate program is designed for students who are pursuing an undergraduate degree in a program other than computer science who wish to demonstrate proficiency in computational methods and problem solving.

## Requirements:

10 total credit hours, as follows:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms

## Note(s):

- A 2.000 cumulative average must be attained in these courses.
- At least half of these credit hours must be taken at Xavier. CSCI 290 must have been completed at Xavier.

### Business Intelligence and Analytics Certificate

This certificate is offered as part of the Castellini Foundation Business Certificate Program.

## Curriculum

- BAIS665 Business Analytics
- BAIS689 Data Visualization
- BAIS674 Database Management

# Computer Science Cybersecurity Certificate

The Computer Science Cybersecurity Certification requires post-baccalaureate standing. Students must earn an average GPA of 2.0 in 12 hours of cybersecurity courses.

## Requirements

- CSCI 540 Accelerated Security Fundamentals
- CSCI 340 Networking
- CSCI 341 Network Vulnerabilities, Penetration, and Defense
- CSCI Cybersecurity Electives to complete the remainder of 12 hours.

# Criminal Justice Administration Certificate

The Department of Criminal Justice offers a Certificate in Criminal Justice Administration at the Master's level. The certificate is intended toward two groups of students: 1) professionals who have a graduate degree, but see courses in administration as a way to advance in the field, and 2) those with an undergraduate degree who, for whatever reason, are not ready to apply to the criminal justice graduation program. The particulars of the Criminal Justice Administration Certificate are as follows:

The Certificate will consist of nine (9) credit hours that include the following courses:

- CJUS 642 Criminal Justice Administration (3 credits)
- CJUS 644 Government & Non-profit Accounting (3 credits)
- CJUS 647 Human Resources for CJ Administrators (3 credits)

Admission requirements in to the certificate program:

- Minimum of a Bachelor's Degree
- Personal Statement/Essay
- 3 years of experience in the field

Candidates for certificates must:

- Complete the nine (9) credit hour requirements at Xavier.
- Earn a minimum of "C" or better in each course.
- Satisfy all financial obligations to the University.

Students who complete the certificate may apply for the criminal justice graduate program. Students must obtain a minimum of "B" in each certificate course for acceptance into the M.S. CJUS degree program.

# Innovation Certificate

This certificate is offered as part of the Castellini Foundation Business Certificate Program.

## Curriculum

Choose 3 of 4:

- ENTR 694 Technology and Innovation Management
- ENTR 611 New Venture Creation
- ENTR 605 Strategic Innovation
- ENTR 631 Corporate Innovation and Entrepreneurship

# Medical Trauma Informed Care Certificate

COVID. Cancer. Heart Attacks. Strokes. Childbirth complications. Those are only a few of the medical experiences that have the potential to be terrifying, disorienting, life-altering and traumatic. While the experience of medical trauma is far from being a new phenomenon, in today's climate of heightened anxiety and isolation due to the Pandemic,

it is more likely to be an issue of concern.

Whether you are a mental health professional, helping your clients heal from traumatic medical events/chronic illness, or a health care professional on the front lines of patient care, this training will empower you to meet the complex needs of people suffering the devastating effects of unrecognized and untreated medical trauma.

The Counseling Department of Xavier University offers this one-of-a-kind, Certificate in Medical Trauma Informed Care, for those working in the health care and counseling industries. This certificate is 9 credit hours, can be completed in 1 year and is fully online. The Certificate in Medical Trauma Informed Care, is exactly what you need to help others navigate stressful medical experiences.

## Admission Requirements

Candidates applying to the certificate program must have earned at least a Bachelor's degree and submit official academic transcripts as well as a statement of interest.

## Graduation Requirements

Successful completion of the certificate program requires that students earn the grade of "S" in all three courses in the sequence, as well as successful completion of the capstone project. Students requiring an "IP" grade will earn their certificates following successful completion of COUN 703, Capstone in Medical Trauma.

## Curriculum

- COUN 701 - Introduction to Medical Trauma Informed Care
- COUN 702 - Applied Medical Trauma Studies
- COUN 703 - Capstone Project in Medical Trauma Studies

## Pre-Medical Studies Certificate

This certificate program is designed for students who are not seeking a degree, but who want to prepare for admission to medical school. Medical schools generally expect their applicants to have the equivalent of a bachelor's degree along with the four years of science courses required for this certificate. They are:

They are:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 440 - Biochemistry

Note(s):

A student is eligible for a certificate if at least one half (17 credit hours) of the courses are completed at Xavier University with a minimum grade point average of 3.000. Interested students should consult with the chair of the Health Sciences Committee or the Coordinator of Pre-Professional Health Advising.

## Supply Chain Management Certificate

This certificate is offered as part of the Castellini Foundation Business Certificate Program.

### Curriculum

- BAIS633/MGMT633 Global Supply Chain Management
- BAIS635/MGMT635 Strategic Sourcing
- BAIS630 Robotic Process Automation

## Teaching English to Speakers of Other Languages Certificate (Undergraduate)

As populations in the United States become more diverse both linguistically and culturally, the need for individuals working with non-English speaking people who are knowledgeable and skilled in serving these populations is essential. The courses offer the necessary knowledge needed to work with English Language Learners and obtain a TESOL certificate. The TESOL certificate is available to anyone working on an undergraduate degree and is accepted at Xavier. Xavier University's TESOL certificate includes 18 undergraduate credit hours and requires 50 documented field hours.

### Required Courses

- EDRE 269 - Phonics & Foundation of Litera
- EDEL 350 - Foundations of TESOL
- EDEL 351 - Instruct Strat for EL
- EDEL 352 - Culturally Responsive Teaching
- EDEL 353 - Effective Assessment Practices
- EDEL 354 - Aspects of Lang & Socioling

## Post Master's Certificate

### Addiction Counseling Post-Master's Certificate

The Addiction Counseling Certificate program is designed to provide additional training to those desiring advanced knowledge and skills in addiction counseling. With record instances of drug related overdose deaths and shortages in licensed addiction professionals, this certificate will help meet the training needs of those desiring to serve as addiction counselors during this challenging time.

### Admission Criteria

Candidates applying to the certificate program must have earned at least a Bachelor's degree and submit official academic transcripts as well as a statement of interest.

Consideration

- Students with one year (2,000 hours) of chemical dependency related work experience may receive credit towards COUN 712, Addiction Counseling Practicum.

Please submit your application for admission into Xavier University's Graduate Programs online on the following webpage: <https://admit.xavier.edu/apply/>

### Curriculum

- COUN 639 - Substance Use and Prevention
- COUN 710 - Relationships and Addictions
- COUN 711 - Treating Behavioral Addictions

- COUN 712 - Addiction Counseling Practicum
- COUN 767 - Treating Addictive Disorders

## Clinical Nurse Leader Post-Master's Certificate

**This program is not admitting students at this time.**

This certificate program is designed for the registered nurse with an earned master's degree in nursing who wants to add the certification as a Clinical Nurse Leader (CNL). This program will prepare registered nurses to assume roles as advanced generalists who deliver nursing care at the point of care. This role, the Clinical Nurse Leader, is a national initiative developed by the American Association of Colleges of Nursing (AACN) in 2004 to address fragmentation in health care delivery. The CNL role is a proactive, integrative and comprehensive role that assists direct care providers in bringing the best of health care science and practice to the point of care.

Specifically this program will allow those nurses with an earned master's degree:

- To complete coursework required for the CNL
- To take the CNL certification exam
- To receive documentation of the work on an official Xavier University academic transcript.

### Clinical Nurse Leader Track Objectives

- Apply the art and science of nursing to the role of the clinical nurse leader at the point of care;
- Communicate effectively across health care disciplines;
- Ensure quality and safety in health care delivery;
- Implement and coordinate the best practice at the point of care and across settings;
- Integrate knowledge of nursing theory, research, epidemiology, informatics, ethics, health care policy, economics, healthcare finances and leadership into the management of healthcare delivery.

Admission Requirements: [www.xavier.edu/msn/Admission-Post-Masters.cfm](http://www.xavier.edu/msn/Admission-Post-Masters.cfm)

## Curriculum for Post Master's Certificate in Clinical Nurse Leader:

### First Semester - Fall

- Nurs 558 Introduction to CNL for RNs
- Nurs 559 CNL Clinical Practicum:Microsystem Assessment (45 clinical hours)

### Second Semester - Spring

- Nurs 680 Advanced Pathophysiology for RNs
- Nurs 602 Applying CNL Concepts for RNs (45 clinical hours)

### Third Semester - Summer

- Nurs 658 Advanced Clinical Pharmacology for RNs
- Nurs 756 Advanced Health Assessment for RNs
- NURS 859 Scholarly Project I (45 clinical hours)

### Fourth Semester - Fall

- Nurs 873 Leadership Practicum (135 clinical hours)
- Nurs 861 Scholarly Project II (45 clinical hours)

**Total: 20 credits / 315 clinical hours**



## Note(s):

- A minimum overall cumulative GPA of 3.000.
- Part-time study will require one day per week for classes. Classes scheduled late afternoons and evenings. Summer will likely be two evenings per week.

## Family Nurse Practitioner Post-Master's Certificate

Family Nurse Practitioners are prepared to care for individuals and families across the life span. FNPs have specialized advanced education and clinical competencies, FNPs use scientific principles, competencies and national standards of care as they diagnose, manage and treat healthcare concerns of individuals and families. Practice settings needing FNPs include primary care practices, nurse-managed health centers, and emerging ambulatory delivery models.

Registered nurses with a Master of Science in Nursing (MSN) from a regionally accredited college or university and CCNE accreditation are eligible to apply for the post-master's certificate program.

The post-master's certificate program requires between 19 to 28 semester hours, depending upon the applicant's previous completed course work.

## Family Nurse Practitioner Objectives

1. Applies advanced practice skills, abilities and knowledge to provide holistic family centered primary health care to populations across the lifespan in a variety of ambulatory care settings as an advanced practice nurse specializing in family nursing
2. Provides culturally competent, population-based preventive, management, and maintenance care for acute and chronic conditions for the family unit, however the family chooses to define itself
3. Demonstrate knowledge, skills, and abilities to sit for the FNP Certification Examination in order to apply for a state certificate of authority in advanced practice, as well as authority to prescribe as an FNP-BC (board certified)

Admission Requirements: [www.xavier.edu/Admission-Post-Masters.cfm](http://www.xavier.edu/Admission-Post-Masters.cfm)

## Curriculum:

- NURS 658 - Advanced Clinical Pharmacology
- NURS 680 - Adv Pathophysiology Lifespan
- NURS 756 - Advanced Health Assess RN
- NURS 770 - Primary Care Fam Pract Role
- NURS 771 - Women's & Family Health Care Pra
- NURS 772 - Women's and Family Health Care
- NURS 773 - Ped & Adol Health Care Pract
  
- NURS 775 - Adult & Geriatric Fam Care Pra
- NURS 776 - Adult & Geriatric Family Care
- NURS 777 - FNP In Practice

## Note(s):

Each practicum credit hour is eight clinical hours: 1:8. The total number of practicum hours required for the FNP is 600.

## Forensic Nursing Post-Master's Certificate

The program consists of courses currently within the Forensic Nursing Track, in conjunction with the Criminal Justice Department. The program is fully online and consists of 15 credits over four semesters. No capstone project is required. 180 hours of total practicum are required over the course of NURS 703/NURS 705 (90 hours of practicum per course).

## Admission Requirements

- Current, unencumbered nursing license in their state of practice
- BSN from an accredited higher education institution and/or MSN from an accredited higher education institution
- Undergraduate statistics course with a grade of C or better

## Application Process

- Submit a Curriculum Vitae
- Submit an essay on their goal for obtaining a certificate
- Submit two references
- Provide official transcripts

## Curriculum

### Fall Semester

- NURS 648 - Found of Forensic Nursing
- CJUS 609 - Forensic Aspects Pop Health

### Spring Semester

- NURS 779 - Applied Interprofession Collab
- NURS 642 - Psycho/Social/Legal Forensics

### Summer Semester

- NURS 703 - Graduate Nursing Practicum I

### Fall Semester

- NURS 705 - Graduate Nursing Practicum II

## Nursing Education Post-Master's Certificate

Nurses who choose the Post-Master's Certificate in Nursing Education are provided with advanced level preparation in the principles of education. At the completion of this program, nurses are prepared to use their advanced knowledge and clinical experience to assume professional leadership roles that encompass all educational settings as nurse educators, consultants, staff educators, clinical nursing faculty, and continuing education providers.

### Admission Requirements:

- Must be an RN applicant who has graduated with, or is about to graduate with: MSN, DNP, Ed.D. or Ph. D. (at least one graduate degree must be in nursing from a nationally accredited program)
- Applicants must hold an unencumbered Registered Nurse license to practice in the United States.
- A strong candidate will also possess:
  - 2 years of RN experience
  - Minimum 3.0 GPA
  - 3 professional references
    - at least one from a direct manager or supervisor who evaluates their clinical work
    - two will be from someone with a masters or doctoral degree

## 10 credit hours required:

- NURS 660: Development of the Adult Learner in Healthcare (3) (Pre-requisite to NURS 668, 670, & 701)
- NURS 664: Teaching Strategies (2) (Pre-requisite to NURS 668, 670, & 701)
- NURS 670: Curriculum Assessment, Planning, Development, and Evaluation (3)
- NURS 701: Educational Nursing Practicum (2)

## Psychiatric Mental Health Nurse Practitioner Post-Master's Certificate

The psychiatric/mental health nurse practitioner (PMHNP) program focuses on children, adolescents, adults, and the elderly who are at risk for developing and/or are experiencing acute or complex mental health problems, behavior disorders or psychiatric diagnoses. The PMHNP curriculum focuses on facilitating the transitions of individuals, families, communities and populations' health and well-being across the lifespan and the utilization of evidence-based, culturally sensitive, recovery-oriented holistic care.

Graduates of the PMHNP program will be prepared to apply a holistic nursing process and medical/medication management to promote optimal mental health while engaging in active, ongoing collaboration with individuals, their families, significant others, and the interprofessional team. Graduates are eligible for national certification through the American Nurses Credentialing Center.

## Curriculum

### Pre-requisite: the Nurse Practitioner Core

- Nurs 658 Advanced Clinical Pharmacology (3)
- Nurs 680 Advanced Pathophysiology for RNs (3)
- Nurs 756 Advanced Health Assessment for RNs (3)

### PMHNP Core

- Nurs 780 PMHNP Core 1 (3)
- Nurs 783 PMHNP Clinical Practicum 1 (1)\*
- Nurs 781 Role Development (1)
- Nurs 782 Ethical issues in Psychiatric Mental Health Nursing (1)
- Nurs 784 PMHNP Core 2 (3)
- Nurs 785 PMHNP Clinical Practicum 2 (1)\*
- Nurs 787 PMHNP Clinical Practicum 3 (1)\*
- Nurs 786 Psychopharmacology (2)
- Nurs 788 PMHNP Core 3 (3)
- Nurs 789 PMHNP Clinical Practicum 4 (1)\*
- Nurs 791 PMHNP Clinical Practicum 5 (1)\*
- Nurs 790 Current Issues and Trends in PMH (1)

\* Practicum courses: 1cr = 120 contact hours/ semester (8 contact hr/cr./week)

## Endorsement

### Computer Endorsement

Xavier University offers a Computer Endorsement which consists of 18 semester hours which may be added to an existing teaching license. Knowledge gained in each 100% paperless course can be immediately applied professionally. Tools used are cloud-based and free.

Required courses are as follows

- EDMS 570: Bring Your Own Device: 3 Semester Hours
- EDMS 572: Cloud Computing: 3 Semester Hours
- EDMS 574: Current Topics in Technology & Education: 3 Semester Hours
- EDMS 576: Gamification, Virtual Worlds & Alternate Reality in the Classroom: 3 Semester Hours
- EDMS 578: Instruction & Technology: Rigor, Relevance, Relationships & Accessibility: 3 Semester Hours
- EDMS 580 Online and Hybrid instruction and learning: 3 Semester Hours

## Early Childhood (4-5) Generalist.

### Early Childhood (4-5) Generalist.

A series of courses offered for the undergraduate student who is a candidate for the Ohio Early Childhood License/Grades P-3. To receive the endorsement the candidate must qualify for the Ohio Early Childhood license, complete the 9 credit hours described below, and pass the Ohio Assessment for Educators (OAE): OAE Elementary Education (Subtest I)/018 and OAE Elementary Education (Subtest II)/019. Undergraduates must complete the following prerequisites **PRIOR** to enrolling in the EDEL/Endorsement series of courses: EDEC 330 and EDEC 335. Note that in 2017 the Ohio Department of Higher Education added a 50 clock hour field component. Please see an advisor regarding this requirement.

- EDEL 440 or EDEL 640 Middle Childhood Transitions: Development and Management (1)
- EDEL 441 or EDEL 641 Mathematics Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 442 or EDEL 642 Science Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 443 or EDEL 643 Language Arts Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 444 or EDEL 644 Social Studies Content, Pedagogy, and Assessment Grades 4-5 (2)

## Elementary Mathematics Specialist Endorsement

The program of study for the Elementary Mathematics Specialist Endorsement (K-6) includes 24 semester hours of coursework. Each course links the course content to the Ohio Common Core Mathematics curriculum and effective classroom practice. The courses are designed to prepare specialists capable of providing coaching and professional development in mathematics education for classroom teachers of mathematics in grades pre-kindergarten through grade six. Teacher candidates will be involved in 90 hours of field experiences where they will use the knowledge and skills gained in the courses. This endorsement may only be added to a valid teaching license in one of the following areas: Kindergarten - primary, elementary or early childhood license, or middle childhood, high school, or adolescence to young adult mathematics teaching license. Candidates must have a least three years of successful experience teaching mathematics under a standard teaching certificate or license. Please note that to make the endorsement valid you must take the Ohio licensing exam for Middle Childhood Mathematics Content Knowledge.

The Mathematics Specialist Endorsement at Xavier is a 24 credit hour endorsement. All courses requirements must be taken at the Graduate level. The program requires 90 hours of documented field hours. Graduate level coursework taken as part of the Mathematics Specialist Endorsement may be used towards the M.Ed. in Elementary Education. Please refer to the counseling sheet for Masters in Elementary Education.

Entrance Requirements: Admission into Xavier University Graduate Program, Valid Ohio Teaching License, Documented Three Year Mathematics Teaching Experience.

## Required Mathematics Specialist Courses for the Endorsement

Successful completion requires a B- or above and meets or exceeds expectations on key assessments. (All courses are three (3) semester hours.)

- EDEL 550 - Mathematics as Second Lang
- EDEL 551 - Algebra and Functions

## Gifted and Talented Endorsement

Xavier University Special Education Programs offers a Gifted and Talented Endorsement which consists of 18 semester hours which may be added to an existing teaching license. Knowledge gained in each course can be immediately applied professionally.

### Required courses are as follows

- EDSP 582 - Gifted/Talented Chara & Strat
- EDSP 583 - Res Mat & Tech: Gift/Talent
- EDSP 584 - G/T Assessment & Instruction
- EDSP 585 - G/T Program Design & Practices
- EDSP 586 - G/T Program Design & Pract II
- EDSP 605 - G/T Teaching Practicum

## Middle Childhood (4-6) Generalist

## Middle Childhood Generalist (4-6)

The Middle Childhood Generalist (MCG) Endorsement allows the teaching candidate with two licensure areas to add either one or two more content areas specifically for teaching in a self-contained 4th, 5th, or 6th grade classroom. This endorsement is not valid for holders of any license other than Ohio Middle Childhood Education. Updates and/or changes to licensure are dictated by the State of Ohio and may supersede the requirements listed for licensure in the catalog.

To have the MCG endorsement added to the MCE license:

1. The candidate must have previously completed a MC Education program in two content areas and hold a valid MCE license (we will assume that our initial licensure candidate will apply for the endorsement along with, or soon after application for the initial license in two areas); and
2. In addition to successfully completing the MCG Endorsement course work in either one or two additional areas, the candidate must also successfully complete the required test(s).

Either the candidate must pass:

- A.) OAE Education (Subtest I)/018 and OAE Elementary Education (Subtest II)/019

OR

- B.) Content area test for each content area added to MCE license:
  - OAE MS English/Language Arts (028)
  - OAE MS Mathematics (030)
  - OAE MS Social Studies (031)
  - OAE MS Science (029)

The candidate must complete the following courses in the chosen content area.

### Language Arts

- ENGL 304 - Teaching & Research in Writing
- EDCH 326 - Children's Lit for Middle Chil

### Mathematics

- MATH 213 - Algebra Concepts -MCED
- MATH 214 - Math Problem Solving -MCED

### Science

- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab

### Social Studies

- EDMS 207 - World & Cultural Geography
- POLI 140 - American Government and Politi

## Pre-K Special Needs Endorsement

Xavier University Special Education Programs offers a PreK Special Needs Endorsement which consists of 18 semester hours which may be added to an existing teaching license. Knowledge gained in each course can be immediately applied professionally.

Required courses are as follows

- EDSP 503 - Sp Ed: Comm & Collaboration
- EDSP 505 - Foundations in ECSPED
- EDSP 581 - Play & Its Role in Dev & Learn
- EDSP 591 - ECSPED Learning Theories
- EDSP 592 - ECSPED: Observation & Asmt
- EDSP 593 - ECSPED: Curriculum Practices
- EDSP 607 - GT Endorsement Practicum

## Reading (K-12) Endorsement

The Reading Endorsement coursework at Xavier is a 21 credit hour endorsement program. Only six hours of undergraduate credit can be applied toward the endorsement. All other course requirements must be taken at the graduate level. The State of Ohio requires 100 hours of documented field hours. Graduate level coursework taken as part of the Reading Endorsement may be used toward the M.Ed. in Reading. Please refer to the counseling sheet for Master's in Reading Education.

### Required Reading Courses for the Endorsement:

- EDRE 269/EDRE 569 Phonics & Found of Literacy (3 credit hours)
- EDRE 471/EDRE 671 Content Area Literacy (3 credit hours)
- EDRE 672 Theories of Reading (3 credit hours)
- EDRE 478/EDRE 678 Literary Assess: Adm, Ana, App (3 credit hours)
- EDRE 679 Practicum in Reading (3 credit hours) (Prerequisite for EDRE 679: EDRE 269/569, EDRE 471/671, EDRE 672, EDRE 478/678)

Choose 21 Credit Hours Required from below:

- EDCH 324/EDCH 524 Children's Literature (3 credit hours) (or it's equivalent)
- EDCH 326/EDCH 526 Children's Lit for Middle Chil (3 credit hours) (Fall & Summer only) (or it's equivalent)
- EDCH 501 Advanced Children's Literature (3 credit hours)
- EDCH 305/EDCH 505 Storytelling as a Cultural Cra (3 credit hours)
- EDCH 315/EDCH 515 Adolescent Literature (3 credit hours)
- EDCH 320/EDCH 520 Multi-Cultural Lit for Childrn (3 credit hours)
- EDCH 528 Topics in Children's Literature (3 credit hours)
- EDME 362 /EDME 562 Phonics and Orton-Gillingham (3 credit hours)
- EDRE 675 Current Research in Reading (3 credit hours) (Fall only)
- EDRE 376/EDRE 676 Teaching Writing Process (3 credit hours) (Grade 4-14) (Spring only)
- EDRE 685 Teach Read Children w/SpC Need (3 credit hours)

### Assessment Requirement for the Reading Endorsement:

Ohio Assessments for Educators (OAE) Reading (Subtest I)/038 and OAE Reading (Subtest II)/039 are required for the reading endorsement. For additional information please visit <http://www.oh.nesinc.com>.

### Application Process:

If you are pursuing a reading endorsement only, the following documents are required:

- Xavier graduate application
- Official copy of college transcript
- A copy of your valid Ohio teaching license

If you are pursuing a M.Ed. Degree, the following is required:

- MAT or GRE test is required

All materials are sent to the Xavier University Graduate Services office. Please refer to the advising sheet for the Reading Endorsement.

## Transition to Work Endorsement

Xavier University Special Education Programs offers a Transition to Work Endorsement which consists of 18 semester hours which may be added to an existing teaching license. Knowledge gained in each course can be immediately applied professionally.

Required courses are as follows

- EDSP 551 - Hist, Theory & Prac Transition
- EDSP 553 - Asmt&Prog Plan Transition Ed
- EDSP 554 - Cog & Soc Skills - Transition
- EDSP 555 - Com/Coll Partship Trans Ed&Ser
- EDSP 556 - Resources in Trans. Ed & Serv
- EDSP 557 - Transitions: Field Practicum

## License

### Early Childhood Education Licensure

#### Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

#### Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

#### Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

#### Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

## Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

## Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

## Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

## Early Childhood/Montessori, ages 2.5 to 6, or ages 6 to 9, or ages 6 to 12 Licensure

### Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

### Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure



## Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

## Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

## Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

## Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

## Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

# Middle Childhood Education Licensure

## Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

## Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

### Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

### Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

### Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

### Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

## Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

## Professional Education Licensure

### Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

### Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

### Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

### Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

## Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

## Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

## Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

## School Treasurer Licensure

### Educational Requirements

- Candidate has a baccalaureate degree in **business**, three semester hours in school law, and three semester hours in school finance, OR
- Candidate has a baccalaureate degree in a non-business area, nine semester hours in accounting, three semester hours in school law, and three semester hours in school finance.

### Courses

- EDAD 563 - Sch Finance, Bus Aff / Phys
- EDAD 565 - School Law I
- EDAD 772 - Admin Specialist Intern I
- EDAD 782 - Admin Specialist Intern II

### Ohio Standards for School Treasurers

- Standard 1: Leadership School treasurers participate in a leadership role within the district.
- Standard 2: Financial Management School treasurers demonstrate a clear understanding of financial resources and manage those resources in collaboration with the board of education and district leadership.
- Standard 3: Facilities, Property and Capital Asset Management School treasurers provide fiscal leadership in the management of capital assets and support services.
- Standard 4: Communication and Collaboration School treasurers communicate and collaborate effectively with the board of education, district leadership and stakeholders.
- Standard 5: Professionalism School treasurers are committed to a high level of professionalism in their conduct and adhere to established ethical standards

# Internship Requirements

The field experience component may be met through completion of a 300-hour internship in a school treasurer's office, under the direct supervision of a licensed school treasurer.

The 300-hour internship should be an individualized, mutually developed series of experiences reflective of the results of an assessment of the educational needs of the intern as related to the role, functions and responsibilities of the treasurer.

The 300 hours of field experience should be well distributed over the following:

1. Overview of Treasurer and Business Office Responsibilities (10 hours)
  - o Review of statutory duties
  - o Relationship with board of education
  - o Role and relationship with superintendent and other administrators
  - o Relationship with other offices and officials
2. Financial Management (20 hours)
  - o Basic banking depository requirements
  - o Investments
  - o Bonds and notes
3. Fund Accounting (50 hours)
  - o Processing accounts payable and receivable
  - o Receipts
  - o Billing and invoices
  - o Purchase orders and encumbrances
  - o Petty cash and change funds
  - o Student activity funds/management
  - o Internal accounting controls
4. Financial Reporting (50 hours)
  - o Budget and appropriations
  - o Financial forecasting and fiscal analysis
  - o General purpose financial statements, cash reporting
  - o GAAP
5. Purchasing and business functions (80 hours)
  - o Bidding and purchasing procedures
  - o Employee contracts
  - o Payroll processing/distribution/reports
  - o Employee benefits (type, enrollment & claims)
  - o Salary schedules
6. Legal/Legislation (50 hours)
  - o Ohio compliance functions
  - o Fiscal certificates
  - o Legal notices
  - o Short and long-term borrowing
  - o FMLA, ADA, FLSA, Workers' Compensation
7. Administrative and other duties (20 hours)
  - o Board secretary-minutes and role at board meetings
  - o Member of administrative team/role with policy team
  - o Record retention/destruction
  - o Collective bargaining (public sector)
8. Other areas, if appropriate, to the particular district and its needs (20 hours)

## Secondary Education Licensure

### Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

# Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

## Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

## Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

## Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

## Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

## Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

# Special Education Licensure

## Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Department of Higher Education, for primary education, middle childhood, multi-age, adolescent to young adult (secondary), intervention specialist (mild/moderate, moderate/intensive, gifted/talented [program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (Pre-K - 12) at the graduate level only is also offered. Intervention Specialist (P-5) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

## Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Primary Education
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

### Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

### Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.7 or higher.
- Required grades in following courses:
  - ENGL 101 "B-" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

### Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.7
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

### Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes).

#### Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.
- Successful FBI/BCI checks on file.

## Other Programs

### Air Force Reserve Officers' Training Corps (ROTC)

Air Force ROTC Aerospace Studies is offered through a cooperative agreement with the University of Cincinnati. Qualified freshmen and sophomore students may participate in the program and may compete for scholarship opportunities through the United States Air Force ROTC.

Air Force ROTC prepares students to assume positions as commissioned officers in the U.S. Air Force, through a combination of classroom and practical leadership experiences, and esprit-de-corps activities with others in the cadet wing. Graduates are commissioned as second lieutenants trained to begin careers as pilots, navigators, engineers, program managers, scientists, space and missile operators, air battle managers, nurses, security forces or maintenance officers, as well as any of the more than 150 officer career fields offered.

The Air Force ROTC program begins with a general military course. Freshmen and sophomore level students participate in classroom work, a one credit hour aerospace studies course, and a hands-on leadership skills laboratory course. The program consists of 12 credit hours in aerospace studies courses that count toward your degree requirements. (Students must consult their academic advisor for details.)

Students interested in additional information may visit the national website (<http://www.afrotc.com>) or the local website ([www.uc.edu/afrotc.html](http://www.uc.edu/afrotc.html)), call 513-556-2237 or email [afrotc@ucmail.uc.edu](mailto:afrotc@ucmail.uc.edu).

### Army Reserve Officers' Training Corps (ROTC)

The Department of Military Science offers a commission as a Second Lieutenant and provides an opportunity for men and women to study subjects of recognized military and educational value which assist them in gaining the foundations of leadership. The primary purpose of this program is to produce quality leaders to serve as commissioned officers in the United States Army, the Army National Guard, and the Army Reserves.

A commission is earned through a two or a four year Reserve Officers' Training Corps (ROTC) program. The four-year program is completed at the University and consists of lower division courses in the freshman and sophomore years, followed by upper division courses in the junior and senior years. The two-year program begins with a four week paid summer camp at Fort Knox, Kentucky, between the sophomore and junior years which teaches the student all subjects covered in the lower division courses. The student then completes the upper division courses during the junior and senior years. *Lower division courses are taken on a voluntary basis. There is no military obligation incurred for taking lower division courses.* The upper division courses qualify the student for a commission as an officer in the United States Army. A military obligation is incurred for taking upper division courses. Admission to upper division courses must be approved by the chair of the Military Science department.

#### Requirements for admission to upper division courses are:

1. Voluntary application by the student.
2. Completion of MILS 101, MILS 102, MILS 103, MILS 104, MILS 201, MILS 202, MILS 203 and MILS 204; or completion of ROTC Leaders Training Course; or prior military service; or completion of Air Force, Navy, or Army ROTC lower division courses at other institutions; or completion of JROTC.
3. Demonstrated potential for leadership.
4. Successful completion of a US Army administered physical examination.
5. A GPA of at least 2.000.
6. Signing the ROTC Advanced Course Student Contract.
7. Junior academic standing.

Credit for military science courses is granted by the University. The credit hours for these courses may satisfy free elective requirements. To receive a commission, students must complete a baccalaureate or masters degree. For additional information, telephone 513 745-1062.



## Freshman Year

- MILS 101 - Leadership & Personal Dev
- MILS 102 - Freshman Leadership Lab I \*
- MILS 103 - Intro to Tactical Leadership
- MILS 104 - Freshman Leadership Lab II \*

## Sophomore Year

- MILS 201 - Innovative Team Leadership
- MILS 202 - Sophomore Leadership Lab I \*
- MILS 203 - Found. of Tactical Leadership
- MILS 204 - Sophomore Leadership Lab II \*

## Junior Year

- MILS 301 - Adaptive Tactical Leadership
- MILS 302 - Junior Leadership Lab I \*
- MILS 303 - Lead in Changing Environ
- MILS 304 - Junior Leadership Lab II \*

## Senior Year

- MILS 401 - Developing Adaptive Leaders
- MILS 402 - Senior Leadership Lab I \*
- MILS 403 - Lead. in a Complex World
- MILS 404 - Senior Leadership Lab II \*

## Note(s):

\* Each leadership laboratory is a co-requisite.

## **Institute for Spirituality and Social Justice**

### Institute for Spirituality and Social Justice

The ISSJ of Xavier's Theology Department empowers constructive theological reflection and responsible social action through three tracks, including (1) General Theology, (2) Ethics and Spirituality, and (3) Pastoral and Social Ministry. Each track includes offerings in three areas, (1) Programs, Workshops, and Retreats, (2) Certificates, and (3) Graduate Degrees. Each of the three tracks in all three areas is designed to cultivate depth of thought, imagination, and critical skills in a world challenged by violence, social inequity, and environmental instability. Distinctive features of the Institute include experiential learning through spiritual formation, practicums/internships, and the program capstone. The Institute is rooted in a rich tradition of spiritual practices coupled with rigorous intellectual inquiry and social analysis which manifest the Jesuit commitment to work in the service of faith and the promotion of justice in a diverse and pluralistic world.

For more information, call the Director of the M.A. in Theology, at 513 745-2894 or email [issj@xavier.edu](mailto:issj@xavier.edu).

## Pre-Legal Study

The basic criteria for acceptance into law school are the grade point average acquired during undergraduate studies and performance on the Law School Admission Test (LSAT). Application forms and information regarding the dates of this test can be obtained from the prelaw advisor, Timothy J. White, 811 Schott Hall or 513 745-2997. Some importance is also attached to letters of recommendation, job experience, and extracurricular or community activities.

American law schools prescribe neither specific courses nor a specific major for prelaw study. They pay particular attention to students engaged in a broad program of high quality in liberal arts. The degree program should educate the students to assimilate difficult documents and to interpret factual data, to think logically and creatively, to express themselves well orally and in writing, and to acquire a critical understanding of the human institutions and values with which the law deals. While there is no such thing as a prelaw program, it does not follow that all courses or majors are of equal value for the study of law. Some subjects (not necessarily majors) to which law schools attach special importance are accounting, economics, English, history, philosophy and political science.

Students considering law as a career are urged to consult with both their departmental chair and the prelaw advisor. They are also encouraged to join the St. Thomas More Prelaw Society. This organization provides activities that inform pre-law students of current and future trends related to law school admissions and careers in the law.

## Pre-MBA Studies Plan

This plan satisfies the foundation courses required for the Xavier MBA programs. It is designed for the non-business student or for the returning student who already has completed a bachelor's degree. Upon admission to the MBA program, the pre-MBA will count for the waiver of the 500 level foundation courses provided the courses were completed within the previous five years and a grade of "B" or above was attained in each course. Foundation course waivers apply to the Full Time MBA, Evening MBA, and the On Line MBA. Admission to the Pre-MBA Studies plan does not guarantee MBA program acceptance or admission.

### Requirements for Pre-MBA Studies Plan:

Plan is 9 hours.

### Required courses include:

- ACCT 200 - Introductory Financial Acct
- BAIS 210 - Quantitative Methods
- BAIS 211 - Intro to Business Analytics

### Note(s):

- A grade of "B" must be attained in these courses and they must be less than five years old for M.B.A. foundation course waiver.

## Pre-Pharmacy Program

The Pre-Pharmacy Program at Xavier University is a program of advisement where the minimum requirements for entry to most pharmacy schools are placed early in the students program of study and university general core-curricular course work is placed later in the curriculum. Most pharmacy schools do not require an undergraduate bachelor's degree for acceptance. The minimum requirements for application to pharmacy school can, in most cases, be completed in two years. If a student successfully completes these courses, he or she may apply for admission to pharmacy schools at the end of two years of study. If the student is unsuccessful at gaining admission at that time they can continue in their studies, and apply in their third year or after completing their undergraduate bachelor's degree. Regardless of whether one enters pharmacy school at the end of two years of study or earns a bachelors degree, the pharmacy school degree necessary to become a licensed registered pharmacist (Pharm.D.) normally still requires an additional four years of study to complete. For the specific requirements and recommended courses at each pharmacy school in which you are interested, you should consult the "Pharmacy School Admission Requirements", published by the American Association of Colleges of Pharmacy. There is a copy available to browse in the office of the Director of Pre-professional Health Advising in Albers Hall 105B.

The Pre-Pharmacy Program is administered by the Department of Chemistry. Colleges of pharmacy require a minimum of two years of undergraduate study and include certain required courses for admission. If the required courses have been completed, students may apply to a college of pharmacy after two years of study or after earning a baccalaureate degree.

The pre-pharmacy curriculum satisfies the minimum preparation for admission to most colleges of pharmacy. It may be modified to meet other specific requirements of a particular college of pharmacy. A current listing of such requirements\* should be consulted by the student in order to plan a satisfactory program. The student is advised to meet regularly with a member of the Committee on Health Sciences so as to be well-informed about all current prerequisites and the procedures to be followed in applying for admission to a college of pharmacy. If the student plans to continue undergraduate education at Xavier University and to obtain a BS degree, this can be done easily within the

BS in Biology, BS in Chemistry, or BS in Biomedical Sciences programs. The student then should meet with the chair of the appropriate science department for guidance in the choice of courses necessary for the desired degree.

\* "Pharmacy School Admission Requirements," published by the American Association of Colleges of Pharmacy.

## Pre-Pharmacy

This block serves as a guideline for progress in the program. See your academic advisor.

## Freshman Year

### First Semester

- CHEM 160: General Chemistry 1
- CHEM 161: General Chemistry 1 Lab
- CHEM 180: Intro. to Chem. Enterprise
- BIOL 160: General Biology I
- BIOL 161: General Biology I Lab
- CORE 100 1st Year Seminar OR THEO 111
- ENGL 101 Engl Comp OR ENGL 115 Rhetoric
- CORE 101: GOA

Total (15)

### Second Semester

- CHEM 162: General Chemistry 2
- CHEM 163: General Chemistry 2 Lab
- MATH 146: Biostatistics
- CORE 100 1st Year Seminar OR THEO 111
- PHIL 100: Ethics as Intro
- Historical Perspectives Elective
- CORE 102: GOA

Total (16)

## Sophomore Year

### First Semester

- CHEM 240: Organic Chemistry 1
- CHEM 241: Organic Chemistry 1 Lab
- BIOL 140: Anat. & Phys. 1
- BIOL 141: Anat. & Phys. Lab 1
- MATH 140
- Second Language I
- SOCI 101: Introduction to Sociology

Total (17)

## Second Semester

- CHEM 242: Organic Chemistry 2
- CHEM 243: Organic Chemistry 2 Lab
- BIOL 142: Anat. & Phys. 2
- BIOL 143: Anat. & Phys. Lab 2
- MATH 141
- Second Language II
- Theological Perspectives Elective (E/RS)

Total (17)

## Junior Year

### First Semester

- CHEM 440: Biochemistry
- BIOL 310: Foundations of Pharmacology
- ENGL 205: Lit & the Moral Imagination
- PHIL 200: Philosophical Perspectives Elective
- PSYC 101: General Psychology

Total (15)

### Second Semester

- CHEM 435: Medicinal Chemistry
- BIOL 200: Microbiology
- BIOL 201: Microbiology Lab
- PHYS 160: College Physics I
- PHYS 161: Introductory Physics Lab I
- Creative Perspectives Elective
- Humanities Elective

Total (17)

## Note:

\* If a Pharmacy School requires Biochemistry, the organic chemistry sequence should be completed in the summer before the sophomore year.

# College of Arts and Sciences

## College of Arts and Sciences

The College of Arts and Sciences is the oldest and largest college at Xavier University. The goal is to provide an excellent liberal arts education in the Jesuit tradition that prepares students for careers, professional or graduate school, and life in a global society.

## Degrees, Programs and Block Schedules

The College of Arts and Sciences offers undergraduate degrees and programs in the departments of Art, Biology, Chemistry, Classics & Modern Languages, Communication, Computer Science, English, History, Mathematics, Music and Theatre, Philosophy, Physics, Political Science, Race, Intersectionality, Gender and Sociology, and Theology.

Graduate degrees are offered in the areas of Public Affairs, Urban and Regional Sustainability and Resilience, and Theology.

# Art

The Department of Art offers two degrees and three majors: the Bachelor of Arts in Art, the Bachelor of Arts in Graphic Design and the Bachelor of Fine Arts, as well as minors in Studio Art and Art History.

## Bachelor of Arts

### Art, B.A.

The Department of Art fosters an integrated way of life in which the student, through art experiences, grows in awareness and response to both spiritual and material values. The potential artist has opportunity for studio practice in one of the following concentrations: art education, art history, ceramics, drawing, fibers, graphics, painting, photography, printmaking, and sculpture. Studies in art history are required of each major and may also be an area of concentration. Students who wish to be licensed as teachers follow a special program for pre K-12 licensure. Students interested in careers as art therapists are advised to follow a pre-art therapy program.

## Requirements for the Art Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Major Requirements:

52 credit hours, as follows

- 10 credit hours in foundation requirements
- 9 credit hours in 100 level courses
- 3 elective credit hours
- 9 credit hours in Art History
- 3 credit hour exit seminar
- 12 credit hours (4 courses) in one area of study leading to the senior concentration
- 6 credit hour senior concentration and exhibition are required.

### Concentrations:

Must be arranged with the approval of the concentration advisor.

### Note(s):

- In the spring semester of the sophomore year the prospective art major will present a portfolio for evaluation. Acceptance or rejection from the Department of Art will be based upon this evaluation.
- a minimum grade of "C-" must be attained in all art courses to count toward an art major degree.
- a minimum grade of "B" must be attained in ARTS 221/ARTS 521 and ARTS 223/ARTS 523 for those pursuing art licensure.
- A recommended program sequence is available for each of the concentrations. Art licensure requires an additional 28 hours of education courses as well as 55 semester hours in art for a Pre-K to 12 license. Please direct requests and/or questions to the department chair.
- Introductory courses (or equivalent with permission of the instructor) are prerequisites for all advanced courses. Courses numbered 500 or above are for graduate students only. All studio courses may be taken for graduate credit.

# B.A. Art

This is a sample course sequence to illustrate class offerings for this major. See your academic advisor.

## Freshman Year

### First Semester

- Art 100: Seminar
- Art 101: 2D Design
- Art 102: DRAWING
- Core 100 or Theology 111
- Core 101
- Second Language I
- English 101 or English 115

Total (16)

### Second Semester

- Art 105: 3D Design
- Art Studio elective (100 level)
- Historical Perspective
- Core 100 or Theology 111
- Core 102
- Second Language II

Total (15)

## Sophomore Year

### First Semester

- Art Studio elective (100 level)
- Art Studio elective (100 level)
- Art 270: History of Art I
- English 205
- Philosophy 100

Total (15)

### Second Semester

- Art elective
- Art Concentration elective
- Art 271: History of Art II
- Philosophy 200 Philosophical Perspectives
- Theology 200+ Theologylogical Perspectives

Total (15)

## Junior Year

### First Semester

- Art 441: Junior Seminar
- Art Concentration elective
- History of Art elective
- Oral Communications Flag
- Natural Science elective

Total (15)

### Second Semester

- Art Concentration elective
- Mathematical Perspectives elective
- DCR Flag elective
- Social Science elective
- Humanities elective

Total (15)

## Senior Year

### First Semester

- Art concentration elective
- E/RS Flag
- Quantitative Reasoning Flag
- Writing Intensive Flag
- General elective

Total (15)

### Second Semester

- Art 490: Senior Concentration
- Scientific Perspectives elective
- General elective
- General elective
- Core 499

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- A minimum of 120 credit hours is required for this degree.

# Graphic Design. B.A.

Graphic Design is the process of visual problem-solving on a 2D surface. The field of Graphic Design continues to grow and become a powerful force in the creation of our contemporary society and culture. The Bachelor of Arts in Graphic Design provides students the techniques, processes, aesthetics, and creative approaches of Graphic Design, all from a fine arts perspective. Students are prepared with dynamic portfolios that show a range of innovative thinking, technical prowess, and aesthetics sensibility. Real-world experiences in the form of mentoring, portfolio reviews, and internships enable the students to be competitive designers.

## Requirements for a Major in Graphic Design

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Major Requirements:

55 credit hours, as follows:

- ARTS 100 - Freshman Seminar
- ARTS 101 - 2D
- ARTS 102 - Drawing I
- ARTS 105 - 3D
- ARTS 270, 271 or 272 - Art History Elective
- ARTS 108 - Photography I
- ARTS 441 - Junior Seminar
- ARTS - History of Graphic Design
- ARTS 142 - Intro to GD
- ARTS 242 - Typography
- ARTS 342 - packaging
- ARTS 442 - New Media
- ARTS 215 - Web Design
- ARTS 315 - Adv. Web Design
- ARTS 214 - Tech for Artists
- ARTS 493 - Design Internship
- ARTS 490 - Snior Thesis
- Track Course
- Track Course

### Note(s):

- In the spring semester of the sophomore year the prospective art major will present a portfolio for evaluation. Acceptance or rejection from the Department of Art will be based upon this evaluation.
- A minimum grade of "C-" must be attained in all art courses to count toward an art major degree.
- A recommended program sequence is available for each of the concentrations.
- Introductory courses (or equivalent with permission of the instructor) are prerequisites for all advanced courses.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A., Graphic Design

### Freshman Year



## First Semester

- Art 100: Seminar
- Art 101: 2D Design
- Art 102: Drawing
- Core 100 or Theology 111
- Second Language I
- Computer Science 170: Computer Science
- Core 101

## Second Semester

- Art 105: 3D Design
- Art 142: Graphic Design I
- English 101 or English 115
- Core 100 or Theology 111
- Core 102
- Second Language II
- Computer Science 180: Computer Science II

## Sophomore Year

### First Semester

- Track Course
- Art 242: Layout & Print Production
- Art 270, 271, 272: Art History Elective
- English 205
- Philosophy 100
- Art 215: Web Design

### Second Semester

- Art 342: Package Design
- Art 214: Technology for Artists
- Art 108: Photography I
- Art 493: Internship
- Philosophy 200: Philosophical Perspectives
- Theology 200+ Theological Perspectives

## Junior Year

### First Semester

- Art 441: Junior Seminar
- Art 108: Photo I
- History of Art Elective

- Oral Communications Flag
- Natural Science Elective

## Second Semester

- Art 442: Advanced Typography
- Art 493: Internship
- Mathematical Perspectives Elective
- DCR Flag Elective
- Social Science Elective
- Humanities Elective

## Senior Year

### First Semester

- Art 315: Advanced Web Design
- Arts Elective (204 or 208)
- Art 493: Internship
- E/RS Flag
- Quantitative Reasoning Flag
- Writing Intensive Flag

### Second Semester

- Art 490: Senior Concentration
- Track Course
- Historical Perspectives Elective
- Scientific Perspectives Elective
- General Elective
- Core 499

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Consider a Applied Computation Certificate or Advertising Minor

## Bachelor of Fine Arts

### Art, B.F.A.

The BFA degree in Art is distinguished from the BA degree in Art by its intensity and structure. Students seeking a BFA degree in Art usually have full determination to pursue their livelihood as professional artists or are thinking of acquiring an MFA degree for university/college teaching. It is a higher degree and immediately acknowledges the fact that its recipient has experienced a deeper involvement in, and commitment to, art.

## Requirements for the Bachelor of Fine Arts Major

## Core Curriculum Requirements:

See Undergraduate Core Curriculum

## Major Requirements:

73 credit hours, as follows

- 10 credit hours in foundation requirements
- 15 credit hours in 100 level courses
- 9 elective credit hours
- 12 credit hours in Art History
- 3 credit hour exit seminar
- 18 credit hours (6 courses) in one area of study leading to the senior concentration
- 6 credit hours in senior concentration and exhibition are required.

## Note(s):

- Concentrations must be arranged with the approval of the concentration advisor.
- In the spring semester of the sophomore year, at the time of the sophomore portfolio evaluation, students will express their intention of pursuing a BFA degree by delivery of a signed declaration form to the department chair, endorsed by the proposed concentration instructor.
- a minimum grade of "C-" must be attained in all art courses to count toward an art major degree.
- It should be noted that in order to complete a degree in the regular four-year sequence, a student would need to carry approximately 18 credit hours per semester. Most students seeking this degree, however, are very competent and would probably have some advanced standing in regard to the core. It is also usual for these students to take courses during the summer sessions.
- A recommended program sequence is available. Please direct requests to the department chair.

## B.F.A. Art

Suggested sequence of courses for a BFA degree in Art with a concentration in any area. This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- Art 100: Seminar
- Art 101: 2D Design
- Art 102: DRAWING
- Core 100 or Theology 111
- Core 101
- Second Language I
- English 101 or English 115

### Second Semester

- Art 105: 3D Design
- Art Studio elective (100 level)
- Historical Perspective
- Core 100 or Theology 111
- Core 102

- Second Language II

## Sophomore Year

### First Semester

- Art Studio elective (100 level)
- Art Studio elective (100 level)
- Art 270: History of Art I
- English 205
- Philosophy 100

### Second Semester

- Art elective
- Art Concentration elective
- Art 271: History of Art II
- Philosophy 200 Philosophical Perspectives
- Theology 200+ Theological Perspectives

## Junior Year

### First Semester

- Art 441: Junior Seminar
- Art Concentration elective
- History of Art elective
- Oral Communications Flag
- Natural Science elective

### Second Semester

- Art Concentration elective
- Mathematical Perspectives elective
- DCR Flag elective
- Social Science elective
- Humanities elective

## Senior Year

### First Semester

- Art concentration elective

- E/RS Flag
- Quantitative Reasoning Flag
- Writing Intensive Flag
- General elective

## Second Semester

- Art 490: Senior Concentration
- Scientific Perspectives elective
- General elective
- General elective
- Core 499

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## Minors

### Art History Minor

18 total credit hours are required, as follows

6 hours required in art courses:

- ARTS 270 - History of Art I
- ARTS 271 - History of Art II

12 hours of art electives (either studio or more art history)

- ARTS 101 - Two-Dimensional Design
- ARTS 105 - Three-Dimensional Design
- ARTS 272 - Art of the 20th Century
- ARTS 273 - History of American Art
- ARTS 274 - Women, Art & Society
- ARTS 275 - Sacred Art-Christian Perspect
- ARTS 276 - Art of the Enlightenment
- ARTS 277 - History of Graphic Design
- CLAS 240 - World Mythology
- CLAS 241 - Classical Mythology: Art
- CLAS 251 - Near Eastern Mythology: Art
- CLAS 261 - Greek Archaeology
- CLAS 262 - Roman Archaeology

## Note(s):

- A minimum grade of "C" must be attained in all art courses to count toward the minor.
- Further information concerning art minors can be obtained from the Department of Art.

## Arts Administration minor

Xavier's Arts Administration program minor is a professional minor consisting of a total of 15 credit hours. The mission of the program is to teach students how to carry out administrative responsibilities in diverse arts organizations.

### Required Courses

- COMM 101 - Oral Communication

## Studio Art Minor

18 total credit hours are required, as follows

6 hours required in art courses:

- ARTS 101 - Two-Dimensional Design and
- ARTS 105 - Three-Dimensional Design

12 hours of Studio electives, including but not limited to:

- ARTS 102 - Drawing I
- ARTS 103 - Painting I
- ARTS 104 - Printmaking I
- ARTS 106 - Fiber Arts I
- ARTS 107 - Sculpture I
- ARTS 108 - Photography I
- ARTS 109 - Ceramics I
- ARTS 113 - Art in Rome
- ARTS 116 - Designing on Silk
- ARTS 119 - The Potter's Wheel
- ARTS 142 - Graphic Design I
- ARTS 152 - Illustration I
- ARTS 202 - Drawing II
- ARTS 203 - Painting II
- ARTS 204 - Printmaking II
- ARTS 205 - Figure Modeling
- ARTS 206 - Fiber Arts II
- ARTS 207 - Sculpture II
- ARTS 208 - Photography II
- ARTS 209 - Ceramics II
- ARTS 214 - Technology For Artists
- ARTS 215 - Web Design
- ARTS 242 - Graphic Design II
- ARTS 252 - Illustration II

Note(s):

- Consult with an advisor for guidance.
- A minimum grade of "C" must be attained in all art courses to count toward the minor.
- Further information concerning art minors can be obtained from the Department of Art.

## Biology

The Department of Biology, in cooperation with the Departments of Chemistry and Physics, offers these degrees and programs:

- The Bachelor of Science in Biology
- The Bachelor of Science in Applied Biology - Cooperative Forestry & Environmental Management Program
- The Bachelor of Science in Biomedical Sciences (for premedical and pre-dental students)
- The Certificate in Pre-Medical Studies
- The Bachelor of Science in Teaching Life Sciences (in cooperation with the School of Education)
- The Minor in Biology
- The Minor in Biomedical Sciences
- The Minor in Pre-Physical Therapy
- The Minor in Environmental Studies

## Bachelor of Science

### Biological Sciences for Business, B.S.

The Biological Sciences for Business program is a program with a dual-degree in which students earn a Bachelor of Science in the first four years and have the option of beginning the Master of Business Administration program in the fifth year. It is designed to prepare students for leadership in the Biotech, pharmaceutical, environmental and/or related industries.

### Requirements for the BS in Biological Sciences for Business:

#### Core Curriculum Requirements

Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

#### Mathematics

- MATH 140 - Concepts of Calculus or [MATH 180 - Differential Calculus](#) or [MATH 181 - Calculus II](#)

#### Social Science

- ECON 200 - Microeconomic Principles

### Major Requirements:

65-67 credit hours, as follows

#### 30 hours in Biology courses

- BIOL 160 - General Biology I

- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab

20 hours of electives from BIOL 200-490, or CHEM 435 or CHEM 440, including at least two lecture-lab combinations from:

- BIOL200/201, BIOL206/207, BIOL210/211, BIOL230/231, BIOL250/251, BIOL260/261, BIOL270/271, BIOL340/341, BIOL350/351, BIOL354/355, BIOL450/451, BIOL460/461

### Senior Capstone

- 2 credits from BIOL 495-499

### 8 hours in required Chemistry courses

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab

### 6-8 hours in another science

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II

### 6 hours in Mathematics courses:

- MATH 140 - Concepts of Calculus or
- MATH 180 - Differential Calculus or
- MATH 181 - Calculus II
- STAT 146 Biostatistics

### 18 hours in Business courses:

- ACCT 200 - Introductory Financial Acct
- ECON 200 - Microeconomic Principles

### 3 hours in Science-In-Business courses:

- Choose from CHEM 250, CHEM 270, ECON 320, ECON 421, HESA 101, HESA 110, HESA 345, HESA 410, HIST 308, HIST 436, or SUST 370



## Note:

- A 2.000 cumulative average must be attained in the major courses.
- If opting to pursue the MBA, 6 hours of business graduate classes may be taken in the senior year after acceptance to the MBA program. They do not count towards your undergraduate degree. They are BLAW 550 - Business Law and Ethics and MGMT 550 - Strategy and Organizations
- BLAW 550 - Business Law and Ethics
- MGMT 550 - Strategy and Organizations

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## Biological Sciences for Business, B.S.

This block serves as a guideline for progress toward a degree for students who start with a math placement in pre-calculus (MATH 120) or calculus ("ELC" or "ADV"). See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

For MBA fifth year, consult program and adviser.

## First Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- PHIL 100 - Ethics as Intro to Philosophy†
- MATH 120 - Elementary Functions† (if needed)
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II

Total (14-17)

## Second Year

### First Semester

- BIOL Elective with Lab
- Creative Perspectives Elective††
- MATH 140 or MATH 180 or STAT 146†
- Historical Perspectives Elective††
- Second Language I†
- Recommended: BIOL 299 Prof. Comm. in the Sciences (oral comm flag)

Total (16-17)

## Second Semester

- BIOL Elective with Lab
- PHIL 200 - Philosophical Perspectives Elective††
- MATH 140 or MATH 180 or STAT 146†
- Second Language II†
- ECON 200 - Microeconomics

Total (16)

## Third Year

### First Semester

- BIOL Elective
- Other Science Elective
- ACCT 200 - Introduction to Financial Accounting
- Business Elective
- ENGL 205 - Literature & Moral Imagination††

Total (16-17)

### Second Semester

- BIOL Elective
- Other Science Elective
- Humanities Elective††
- Business Elective
- Theological Perspectives Elective††

Total (16-17)

## Summer

- Take GMAT Exam and Apply to MBA Program if Desired

## Fourth Year

### First Semester

- BIOL Capstone

- BIOL Elective
- E/RS Focus Elective††
- Business Elective
- General Elective
- MBA Option: BLAW 550 - Business Law and Ethics

Total (12-15 UG + 3 MBA Option)

## Second Semester

- BIOL Capstone
- BIOL Elective
- Business Elective
- DCR Elective††
- General Elective
- MBA Option: MGMT 550 - Strategy

Total (12-15 UG + UG + 3 MBA Option)

## Fifth Year

- MBA (optional; consult consult program and adviser)

## Notes:

- Students intending to apply for and complete the MBA program must notify their advisor and take the GMAT before the fall of their senior year. ACCT 200 and ECON 200 are pre-MBA foundation requirements for MBA candidates.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## Biological Sciences for Business, B.S. Alternative Pathway

This block serves as a guideline for progress toward a degree for students who start with a math placement in MATH 105. See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

## First Year

### First Semester

- BIOL 158 - Integrated Biology I
- BIOL 159 - Integrated Biology I Lab
- MATH 105 - Fundamentals of Mathematics
- Second Language I†
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 101 - 1st Year Co-Curricular Program I

Total (16)

### Second Semester

- BIOL 160 - General Biology I

- BIOL 161 - General Biology I Lab
- PHIL 100 - Ethics as Intro to Philosophy†
- MATH 120 - Elementary Functions
- Second Language II
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II

Total (16)

## Second Year

### First Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 140 or MATH 180 or STAT 146†
- Creative Perspectives Elective††
- Recommended: BIOL 299 Prof. Comm. in the Sciences (oral comm flag)

Total (14-15)

### Second Semester

- BIOL Elective with Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 140 or MATH 180 or STAT 146†
- ECON 200 - Microeconomics

Total (14)

## Third Year

### First Semester

- BIOL Elective
- Other Science Elective
- ACCT 200 - Introduction to Financial Accounting
- Business Elective
- ENGL 205 - Literature & Moral Imagination††
- Historical Perspectives Elective††

Total (16-17)

### Second Semester

- BIOL Elective
- Other Science Elective
- Humanities Elective††
- Business Elective
- Theological Perspectives Elective††

Total (16-17)

## Summer

- Take GMAT Exam and Apply to MBA Program if Desired

## Fourth Year

### First Semester

- BIOL Capstone
- BIOL Elective
- E/RS Focus Elective††
- Business Elective
- PHIL 200 - Philosophical Perspectives Elective††
- MBA Option: BLAW 550 - Business Law and Ethics

Total (12-15 UG + 3 MBA Option)

### Second Semester

- BIOL Capstone
- BIOL Elective
- Business Elective
- DCR Elective††
- General Elective
- MBA Option: MGMT 550 - Strategy

Total (12-15 UG + UG + 3 MBA Option)

## Fifth Year

MBA (optional; consult program and adviser)

### Notes:

Students intending to apply for and complete the MBA program must notify their advisor and take the GMAT before the fall of their senior year. ACCT 200 and ECON 200 are pre-MBA foundation requirements for MBA candidates.

- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## Biology, B.S.

The biology curriculum includes courses that present current concepts of the molecular, cellular, organismal, and population levels of biological organization. Basic biological principles are presented through the study of animals, plants, and microorganisms. Laboratory sessions provide experience in careful observation, controlled experimentation, and thoughtful analysis of scientific data. The biology program provides preparation for further study at the graduate level or in the health professions (medicine, dentistry, veterinary medicine, podiatry, or optometry), as well as preparation for a teaching career or other specialized employment.

## Requirements for the Biology Major

### Core Curriculum Requirements:

Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

### Mathematical Perspectives:

- MATH 140 - Concepts of Calculus or

Science requirement specified by the major as:

16 hours in chemistry courses:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab

8 hours in physics courses:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

### Major Requirements:

35 credit hours, as follows

12 hours in required biology courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory

21 hours of biology electives which must include

At least one physiology course from:

- BIOL206 - Human Physiology and
- BIOL207 - Human Physiology Lab

At least one molecular biology course from:

- BIOL 222 - Immunology
- BIOL 360 - Cell Biology
- BIOL 364 - Virology
- BIOL 430 - Medical Genetics
  
- CHEM 440 - Biochemistry
- BIOL 460 - Developmental Biology and
- BIOL 461 - Developmental Biology Lab

At least one ecological course from:

- BIOL 240 - Evolution
- BIOL 244 - Animal Behavior
- BIOL 250 - Ecology and
- BIOL 251 - Ecology Lab
- BIOL 255 - Tropical Ecology
- BIOL 256 - Conservation Biology Ireland
- BIOL 260 - Intro to Environmental Science and
- BIOL 261 - Intro to Environ Science Lab

And one organismal lecture/ lab combination from:

- BIOL 210 - General Botany and
- BIOL 211 - General Botany Lab
  
- BIOL 270 - Introduction To Entomology and
- BIOL 271 - Introduction To Entomology Lab
  
- BIOL 450 - General Microbiology and
- BIOL 451 - General Microbiology Lab

2 hours of capstone experience from:

- BIOL495 - Professional Project
- BIOL 496 - Senior Capstone Seminar

or

- BIOL 497 - Experimental Biology Lab

or

- BIOL 498 - Methods of Biol Research I
- BIOL 499 - Methods of Biol Research II

Note(s):

- A 2.000 cumulative average must be attained in the 35 hours of biology courses.
- Up to 4 hours of independent study (either BIOL 290, BIOL295, BIOL298 or BIOL 495) may be used in this elective requirement

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

**B.S. Biology**

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 1st Year Seminar or Theology 111
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- CORE 101 GOA

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 1st Year Seminar or Theology 111
- CORE 102 - GOA
- PHIL 100 - Ethics as Intro to Philosophy

Total (14)

## Sophomore Year

### First Semester

- BIOL206 - Human Physiology
- BIOL207 - Human Physiology Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 140 - Concepts of Calculus OR MATH 170 Calculus I OR MATH 171 Calculus II
- PHIL 200 - Philosophical Perspectives Elective
- Second Language I

Total (16)

### Second Semester

- BIOL230 - Genetics
- BIOL231 - Genetics Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- Second Language II
- Theological Perspectives Elective

Total (16-17)



## Junior Year

### First Semester

- BIOL Elective \*\* (3-5)
- MATH 146 - Biostatistics or MATH 171 - Calculus II
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- Historical Perspectives Elective
- Social Science Elective\*

Total (15-17)

### Second Semester

- BIOL Elective (3-5)
- Creative Perspectives Elective
- General Elective
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

Total (13-15)

## Senior Year

### First Semester

- Senior Capstone (BIOL495-499)
- BIOL Elective (5-6)
- ENGL 205 - Literature & Moral Imagination
- Diversity Curriculum Requirement
- General Elective

Total (16 - 17)

### Second Semester

- Senior Capstone (BIOL495-499)
- BIOL Electives \* (5-6)
- E/RS Focus Elective
- Humanities Elective
- General Elective

Total (14-17)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Freshman Year: Alternative Courses: Can take Historical Perspectives, Creative Perspectives, Second Language, Math or Humanities Elective instead of PHIL 100.

- \* PSYC 101 and SOCI 101 (DCR flag) must be taken before the MCAT. Students interested in health professional programs must check with Kara Rettig-Pfingstag about specific requirements by their sophomore year and before you apply.
- The MCAT requires BIOL 160-163, BIOL 206-207, CHEM 160-163, CHEM 240-243, CHEM 440 (counts as BIOL molecular elective), PHYS 160-163, PSYC 101 and SOCI 101. Pre-medical students generally take the MCAT ~15 months before their desired medical school start date.
- All students must elect one each of oral communications, quantitative reasoning and writing-intensive flagged courses; many of these are available within the core or major.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## B.S. Biology - Alternative Pathway I

This block serves as a guideline for progress toward a degree for students who start with a math placement in pre-calculus ("PRE"). See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

### Freshman Year

#### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- MATH 120 - Elementary Functions
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

#### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†

Total (14)

### Sophomore Year

#### First Semester

- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab (writing flag)
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 140 - Concepts of Calculus OR MATH 180 - Differential Calculus
- Second Language I†
- PHIL 100 - Ethics as Intro to Philosophy†

Total (17)

#### Second Semester

- BIOL 230 - Genetics (quantitative flag)
- BIOL 231 - Genetics Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- Social Science Elective \*† or ††
- Second Language II†
- Recommended: BIOL 299 Professional Communication in the Sciences (oral flag)

Total (14-15)

## Junior Year

### First Semester

- BIOL Elective (3-4)\*
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- STAT 146 - Biostatistics†
- Diversity Curriculum Requirement \*† or ††
- Theological Perspectives Elective

Total (16-17)

### Second Semester

- BIOL Elective (3-4)
- Creative Perspectives Elective†
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- PHIL 200 Philosophical Perspectives Elective††

Total (13-14)

## Senior Year

### First Semester

- BIOL Capstone
- BIOL Electives \*\* (6-8)
- ENGL 205 - Literature & Moral Imagination††
- Historical Perspectives† or ††

Total (13-17)

### Second Semester

- BIOL Capstone
- BIOL Electives \* (5-8)
- E/RS Focus Elective\*\*
- Humanities Elective

Total (12-16)

Notes:

- \* For students interested in medical school, PSYC 101, SOCI 101 and CHEM 440 must be taken before the MCAT. Students interested in health professional programs must check with Kara Rettig-Pfingsttag about specific requirements by their sophomore year and before applying.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## B.S. Biology - Alternative Pathway II

This block serves as a guideline for progress toward a degree for students who start with a math placement in MATH 105. See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

### Freshman Year

#### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- MATH 105 - Fundamentals of Mathematics
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

#### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II
- MATH 120 - Elementary Functions

Total (14)

### Sophomore year

#### First Semester

- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 140 - Concepts of Calculus OR MATH 180 - Differential Calculus
- Second Language I†
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†

Total (17)

#### Second Semester

- BIOL 230 - Genetics
- BIOL 231 - Genetics Lab
- CHEM 242 - Organic Chemistry II

- CHEM 243 - Organic Chemistry II Lab
- Social Science Elective \*† or ††
- Second Language II†
- Recommended: BIOL 299 Professional Communication in the Sciences (oral flag)

Total (14-15)

## Junior Year

### Fall Semester

- BIOL Elective (3-4)\*
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- STAT 146 - Biostatistics†
- Diversity Curriculum Requirement \*† or ††
- Theological Perspectives Elective

Total (16-17)

### Second Semester

- BIOL Elective (3-4)
- Creative Perspectives Elective†
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- PHIL 100 - Ethics as Intro to Philosophy†

Total (13-14)

## Senior Year

### First Semester

- BIOL Capstone
- BIOL Electives \*\* (6-8)
- ENGL 205 - Literature & Moral Imagination††
- Historical Perspectives† or ††
- PHIL 200 Philosophical Perspectives Elective††

Total (15-18)

### Second Semester

- BIOL Capstone
- BIOL Electives \* (5-8)
- E/RS Focus Elective\*\*
- Humanities Elective

Total (12-16)

## Notes:

- \* For students interested in medical school, PSYC 101, SOCI 101 and CHEM 440 must be taken before the MCAT. Students interested in health professional programs must check with Kara Rettig-Pfingstg about specific requirements by their sophomore year and before applying.
- A cumulative average of 2.0 is required in the major courses for graduation.

- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## Biomedical Sciences, B.S.

This major is designed for people preparing for health professions, like medicine and dentistry, although those students may choose other majors instead and ensure they take all the courses within the Biomedical Sciences minor.

The Biomedical Sciences curriculum presents a liberal arts program with emphasis on those sciences required for an excellent background for subsequent studies in medicine, dentistry, and similar health professions. Recurrent pronouncements by Committees on Admissions at professional schools leave no doubt that they regard an education in the liberal arts as one of the most important factors in forming a genuinely capable and effective health professional, but majoring in biomedical sciences is not a requirement for admission to a health profession. (See Biomedical Sciences Minor or Pre-Medical Studies Certificate .) The student should consult a current listing of professional school admission requirements (below denoted with \*, plus one year of college math) so that the selected course of study will assure the student of a degree and include all the minimum requirements for admission to those schools of medicine or dentistry to which he/she intends to apply.

"Medical School Admission Requirements," published by the Association of American Medical Colleges, or "Admission Requirements of U.S. and Canadian Dental Schools," published by the American Association of Dental Schools, or individual Physician Assistant, Physical Therapy, Optometry, Veterinary or other programs.

## Requirements for the Biomedical Sciences Major

### Core Curriculum Requirements:

Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

### Mathematical Perspectives:

Choose from:

- MATH 140 - Concepts of Calculus

### Social Sciences:

- PSYC 101 - General Psychology \*
- PSYC 261 - Social Psychology

### Diversity Flag:

- SOCI 101 - Introduction to Sociology \*

### Science:

- Requirement included within the major.

### Major Requirements:

65 hours

- BIOL 160 - General Biology I \*
- BIOL 161 - General Biology I Lab \*
- BIOL 162 - General Biology II \*

- BIOL 163 - General Biology II Lab \*
- BIOL 230 - Genetics \*
- BIOL 231 - Genetics Laboratory \*
- BIOL 354 - Human and Comparative Anat \*
- BIOL 355 - Human and Comp Anat Lab \*
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 160 - General Chemistry I \*
- CHEM 161 - General Chemistry I Lab \*
- CHEM 162 - General Chemistry II \*
- CHEM 163 - General Chemistry II Lab \*
- CHEM 220 - Principles of Physical Chem \*
- CHEM 240 - Organic Chemistry I \*
- CHEM 241 - Organic Chemistry I Lab \*
- CHEM 242 - Organic Chemistry II \*
- CHEM 243 - Organic Chemistry II Lab \*
- CHEM 435 - Medicinal Chemistry
- CHEM 440 - Biochemistry \*
- PHYS 160 - College Physics I \* Or
- PHYS 170 - University Physics I
- PHYS 161 - Introductory Physics Lab I \* Or
- PHYS 171 - Explorations in Physics I
- PHYS 162 - College Physics II \* Or
- PHYS 172 - University Physics II
- PHYS 163 - Introductory Physics Lab II \* Or
- PHYS 173 - Explorations in Physics II

2 additional hours in Senior Capstone: BIOL 495-499 or CHEM 400

### Note(s):

- A 2.000 cumulative average must be attained in all biology, chemistry, physics and math courses.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Biomedical Sciences

This block serves as a guideline for progress toward a degree for students starting with Math placement in calculus ("ELC" or "ADV"). See your academic advisor. Student is ready to apply to medical school during the summer after 3rd year, or with in 2-5 years. MCAT scores last 2-3 years. Courses with a † or †† or ††† can be swapped around with other courses with the same symbol.

### Freshman Year

#### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theological Foundations
- MATH 140, 180 or STAT 146† - Calculus or Biostats
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

## Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theological Foundations
- CORE 102 - 1st Year Seminar Program II
- ENGL 101 - Engl Comp or ENGL 115 Rhetoric†
- MATH 140/180 or STAT 146/ MATH 181† - Calculus or Biostats

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- BIOL 206 - Human Physiology†††
- BIOL 207 - Human Physiology Lab††† (writing flag)
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language I

Total (14)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- BIOL 230 - Genetics††† (quantitative flag)
- BIOL 231 - Genetics Laboratory†††
- PHIL 200 - Philosophical Perspectives Elective††
- PSYC 101 - General Psychology†
- Second Language II†

Total (17)

## Junior Year

### First Semester

- CHEM 440 - Biochemistry
- PHYS 160 - College Physics I or PHYS 170 University Physics I†††
- PHYS 161 - Introductory Physics Lab I or PHYS 171 Exploration in Physics I Lab†††
- CHEM 220 - Principles of Physical Chemistry
- ENGL 205 - Lit & the Moral Imagination††
- PSYC 261 - Social Psychology†

Total (17)

### Second Semester

- BIOL 354 - Human and Comparative Anatomy
- BIOL 355 - Human and Comparative Anatomy
- PHYS 162 - College Physics II or PHYS 172 University Physics II†††
- PHYS 163 - Introductory Physics Lab II or PHYS 173 Exploration in Physics II Lab†††
- SOCI 101 - Introduction to Sociology (DCR) †
- General Elective (1 credit) Suggested: BIOL 299 Prof. Comm in Sci (oral flag)
- MCAT Prep Class (optional - 0 credit hours)



Total (12)

## Senior Year

### First Semester

- BIOL or CHEM Senior Capstone
- HIST 199 - Historical Perspectives Elective††
- Humanities Elective††
- Creative Perspectives Elective††
- BIOL 310 - Foundations of Pharmacology OR General Elective
- Theological Perspectives Elective††

Total (16-17)

### Second Semester

- BIOL or CHEM Senior Capstone
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 435 - Medicinal Chemistry OR General Elective
- E/RS Focus Elective††
- General Elective

Total (15-16)

### Note(s):

- A total of 2 credit hours of Senior Capstone is required. May be fulfilled in one semester or two.
- A minimum of 120 credit hours is required for the degree. A second bachelor's degree requires 150 cred hours (30 additional credit hours).

## B.S. Biomedical Sciences - Alternative Pathway I

Alternative pathway for students who start in MATH 120 ("PRE" placement). See your academic advisor. Student is ready to apply to medical school during the summer after 3rd year, or with in 2-5 years. MCAT scores last 2-3 years. Courses with a † or †† or ††† can be swapped around with other courses with the same symbol.

## Freshman Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theology
- MATH 120 - Elementary Functions
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theological Foundations
- CORE 102 - 1st Year Seminar Program II
- ENGL 101 - Engl Comp or ENGL 115 Rhetoric†
- MATH 140 or STAT 146 - Calculus or Biostats

Total (17)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- BIOL 206 - Human Physiology†††
- BIOL 207 - Human Physiology Lab††† (writing flag)
- MATH 140 or STAT 146 - Calculus or Biostats
- Second Language I†

Total (14)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- BIOL 230 - Genetics††† (quantitative flag)
- BIOL 231 - Genetics Laboratory†††
- PHIL 100 - Ethics as Intro to Philosophy†
- PSYC 101 - General Psychology†
- Second Language II†

Total (17)

## Junior Year

### First Semester

- CHEM 440 - Biochemistry
- PHYS 160 - College Physics I or PHYS 170 University Physics I†††
- PHYS 161 - Introductory Physics Lab I or PHYS 171 Exploration in Physics I Lab†††
- CHEM 220 - Principles of Physical Chemistry
- PSYC 261 - Social Psychology†
- ENGL 205 - Lit & the Moral Imagination††

Total (17)

### Second Semester

- BIOL 354 - Human and Comparative Anatomy
- BIOL 355 - Human and Comparative Anatomy
- PHYS 162 - College Physics II or PHYS 172 University Physics II†††
- PHYS 163 - Introductory Physics Lab II or PHYS 173 Exploration in Physics II Lab†††
- SOCI 101 - Introduction to Sociology (DCR) †
- General Elective (1 credit) Suggested: BIOL 299 Prof. Comm in Sci (oral flag)
- MCAT Prep Class (optional - 0 credit hours)

Total (12)

## Senior Year

### First Semester

- BIOL or CHEM Senior Capstone
- HIST 199 - Historical Perspectives Elective††
- Humanities Elective††
- Creative Perspectives Elective††
- BIOL 310 - Foundations of Pharmacology OR General Elective
- Theological Perspectives Elective††

Total (16-17)

### Second Semester

- BIOL or CHEM Senior Capstone
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 435 - Medicinal Chemistry OR General Elective
- E/RS Focus Elective††
- PHIL 200 - Philosophical Perspectives Elective††

Total (15-16)

### Note(s):

- A total of 2 credit hours of Senior Capstone is required. May be fulfilled in one semester or two.
- A minimum of 120 credit hours is required for the degree. A second bachelor's degree requires 150 cred hours (30 additional credit hours).

## B.S. Biomedical Sciences - Alternative Pathway II

Alternative pathway II for students with MATH 105 placement. This block serves as a guideline for progress toward a degree. See your academic advisor. Student is ready to apply to medical school during the summer after graduation, or within 2 - 5 years. MCAT scores last 2-3 years. Courses with a † or †† or ††† can be swapped around with other courses with the same symbol.

## Freshman Year

### First Semester

- BIOL 158 - Integrated Biology I
- BIOL 159 - Integrated Biology I Lab
- CORE 100 - First Year Seminar OR THEO 111 - Theology
- CORE 101 - 1st Year Co-Curricular Program I
- ENGL 101 - Engl Comp or ENGL 115 Rhetoric†
- MATH 105 - Fundamentals of Mathematics
- PSYC 101 - General Psychology†

Total (16)

### Second Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab

- CORE 100 - First Year Seminar OR THEO 111 - Theological Foundations
- CORE 102 - 1st Year Co-Curricular Program II
- MATH 120 - Elementary Functions
- Second Language I†
- PHIL 100 - Ethics as Intro to Philosophy†

Total (16)

## Sophomore Year

### First Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 140 or STAT 146 - Concepts of Calculus or Biostatistics
- Second Language II†

Total (14)

### Second Semester

- BIOL 230 - Genetics (quantitative flag)
- BIOL 231 - Genetics Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 140 or STAT 146 - Concepts of Calculus or Biostatistics
- PHIL 200 Philosophical Perspectives Elective††
- Suggested: BIOL 299 Professional Communication in the Sciences (Oral comm flag)

Total (15)

## Junior Year

### First Semester

- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab (writing flag)
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- HIST 199 - Historical Perspectives Elective
- PSYC 261 - Social Psychology††
- SOCI 101 - Intro to Sociology (DCR) †

Total (17)

### Second Semester

- BIOL 354 - Human and Comparative Anatomy
- BIOL 355 - Human and Comparative Anatomy
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- ENGL 205 - Literature and the Moral Imagination††
- Creative Perspectives Elective††

Total (15)

## Senior Year

### First Semester

- BIOL or CHEM - Senior Capstone\*\*
- PHYS 160 - College Physics I or PHYS 170 University Physics I
- PHYS 161 - Introductory Physics I Lab or PHYS 171 Exploration in Physics I Lab
- CHEM 440 - Biochemistry
- CHEM 220 - Principles of Physical Chemistry
- BIOL 310 Foundations of Pharmacology OR Theological Perspectives Elective with E/RS flag

Total (14-15)

### Second Semester

- BIOL or CHEM Senior Capstone\*\*
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- PHYS 162 - College Physics II or PHYS 172 University Physics II
- PHYS 163 - Introductory Physics II Lab or PHYS 173 Exploration in Physics II Lab
- CHEM 435 - Medicinal Chemistry OR Theological Perspectives Elective with E/RS flag
- Humanities Elective††
- MCAT prep class (optional)

Total (14-15)

### Note(s):

- A total of 2 credit hours of Senior Capstone is required. May be fulfilled in one semester or two.
- A minimum of 120 credit hours is required for the degree. A second bachelor's degree requires 150 cred hours (30 additional credit hours).

## Environmental Science, B.S.

The environmental science major includes the interdisciplinary study of the impact of human systems on our natural environment and how in turn these natural systems affect the human environment.

### Requirements for the Environmental Science Major

#### Core Curriculum:

- Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

#### Mathematical Perspectives

- MATH 140

## Biology: 21 Credit Hours

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
- BIOL 398 - SEM: Environmental Studies or
  
- BIOL 495 - Professional Project (Senior Internship) or
- BIOL 496 - Senior Capstone Seminar or
- BIOL 497 - Experimental Biology Lab or
- BIOL 498 - Methods of Biol Research I and
- BIOL 499 - Methods of Biol Research II

## Chemistry: 8 Credit Hours

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab

## Physics: 8 Credit Hours

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Economics: 6 Credit Hours

- ECON 200 - Microeconomic Principles
- ECON 320 - Natural Resource Economics

## Mathematics: 6 Credit Hours

- or MATH 170 - Calculus I

## Science and Math/Computer Science Electives: 9 Credit Hours Minimum

Students must select a minimum of nine credit hours from the following list of courses, including at least one science laboratory and no more than one mathematics/computer science course.

- BIOL 210 - General Botany
- BIOL 211 - General Botany Lab

- BIOL 227 - Parasitology
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 240 - Evolution
- BIOL 244 - Animal Behavior
- BIOL 255 - Tropical Ecology
- BIOL 256 - Conservation Biology Ireland
- BIOL 270 - Introduction To Entomology
- BIOL 271 - Introduction To Entomology Lab

- BIOL 364 - Virology
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 440 - Biochemistry
- CSCI 170 - Computer Science I
- MATH 325 - Mathematical Modeling

## Non-Science Electives: 6 Credit Hours Minimum

Students must complete a minimum of six credit hours from the following list.

- ECON 421 - Environment, Economics and Policy
- ENGL 205 - Literature and the Moral Imagination: Literature and the Environment (Specific environmental sections must be approved)
- ENGL 348 - Literature and the Environment
- ENGL 363 Ecocriticism
- HIST 123 - African History I
- HIST 398 - History of Agriculture
- HIST 399 - Green Urbanism
- HIST 436 - Urban Ecologies and Economies
- [POLI 316](#) / HIST 316 - Globalization
- PHIL 200 - Philosophical Perspectives: Philosophy and Ecology (Instructor - Konopka)
- PHIL 387 - Topics in Contemporary Philosophy (Instructor - Konopka)
- PHIL 392 - Philosophy of Nature
- THEO 245 - God, Creation and Ecology
- THEO 332 - Sacred Ground and New Story/Cosmology
- THEO 360 - Consumption as a Problem
- THEO 388 - Wilderness and Religious Imagination
- THEO 389 - Theologies of Food and Farm
- THEO 396 - Native American Lifeways
- SOCI 240 - Population and Globalization
- SUST 301 Cultural Studies and Sustainability
- SUST 465 - Topics in Sustainability: Renewable Energy and Economies (Instructor - Bertaux)
- Other courses as approved by advisor

A 2.000 cumulative average must be attained in the major.

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.S. Environmental Science

Freshman Year

## First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 1st Year Seminar or THEO 111
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- CORE 101 - GOA

Total (14)

## Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 1st Year Seminar or THEO 111
- PHIL 100 - Ethics as Intro to Philosophy
- CORE 102 - GOA

Total (14)

## Sophomore Year

### First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- ENGL 205 - Literature & Moral Imagination
- MATH 140 - Calculus or MATH 146 - Biostatistics
- Historical Perspectives Elective
- Second Language I

Total (16)

### Second Semester

- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
- ECON 200 - Microeconomic Principles
- ENVS - Non Science Elective
- Theological Perspectives
- Second Language II

Total (16)

## Junior Year

### First Semester



- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- ENVS Non-Science Elective
- MATH 140 - Calculus or MATH 156 - General Statistics
- Math or Science Elective
- PHIL 200 - Philosophical Perspectives Elective

Total (16)

## Second Semester

- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- Humanities Elective
- Creative Perspectives Elective
- General Elective
- Social Science or General Elective

Total (16)

## Senior Year

### First Semester

- BIOL 495, 497 or 498: Internship/Methods BR I
- ECON 320 - Natural Resource Economics
- Science or Math Elective (5 credit hours)
- General Elective (DCR)
- General Elective

Total (15-16)

### Second Semester

- BIOL 396 or 397 or 398 - Environmental Studies SEM
- BIOL 495, 496 or 499: Internship/Methods BR II
- E/RS Course
- General Elective
- Science or Math Elective

Total (13-14)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- All students must also satisfy five flags in addition to the 48 hours required by the core. No single course can count for more than two flags. Flagged courses often double-count for major and/or minor requirements. The five flagged courses are: the Diversity (DCR), Ethics/Religion and Society (E/RS) oral communications, quantitative reasoning and writing-intensive flagged courses. Many of these are available within the core or major; use "Attribute Type" when searching for courses.
- 2.00 cumulative average is required in the major courses.
- A minimum of 120 credit hours is required for the degree. 2.00 cumulative average is required in the major courses.

## B.S. Environmental Science - Alternative Pathway

This block schedule serves as a guideline for progress toward a degree for students who start with a math placement in MATH 105. See your academic advisor. Courses with a † or †† can be swapped around with other courses with the same symbol.

## Freshman Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CORE 100 1st Year Seminar or THEO 111
- MATH 105 Fundamentals of Mathematics
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

### Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CORE 100 1st Year Seminar or THEO 111
- MATH 120 Elementary Functions
- CORE 102 - GOA - 1st Year Co-Curricular Program II

Total (14)

## Sophomore Year

### First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- ENGL 205 - Literature & Moral Imagination††
- MATH 140 - Calculus or STAT 146 - Biostatistics†
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†
- Second Language I†

Total (16)

### Second Semester

- BIOL 260 - Intro to Environmental Science (quantitative flag)
- BIOL 261 - Intro to Environ Science Lab
- ECON 200 - Microeconomic Principles
- MATH 140 - Calculus or STAT 146 - Biostatistics††
- Second Language II†
- Recommended: BIOL 299 Professional Communication in the Sciences (oral comm flag)

Total (14)

## Junior Year

### First Semester

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- ENVS Non-Science Elective
- Theological Perspectives Elective††
- Math or Science Elective
- PHIL 100 - Ethics as Intro to Philosophy†

Total (16)

## Second Semester

- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- Humanities Elective††
- Creative Perspectives Elective††
- ENVS - Non Science Elective
- Historical Perspectives Elective††

Total (16)

## Senior Year

### First Semester

- BIOL Capstone
- ECON 320 - Natural Resource Economics
- Science or Math Elective (5 credit hours)
- BIOL 396 or 397 or 398 - Environmental Studies SEM (writing flag) or General Elective
- General Elective (DCR) ††

Total (15-16)

### Second Semester

- BIOL 396 or 397 or 398 - Environmental Studies SEM (writing flag) or General Elective
- BIOL 495, 496 or 499: Internship/Methods BR II††
- E/RS Elective
- PHIL 200 - Philosophical Perspectives Elective††
- Science or Math Elective

Total (13-14)

## Notes:

- 2.00 cumulative average is required in the major courses.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## Environmental Science, B.S.

Please choose one of the following:

Environmental Science, B.S.

Environmental Science, B.S. with Environmental Management concentration

## Environmental Science, B.S. with Environmental Management concentration

# Xavier University - Duke University Cooperative Forestry and Environmental Management Programs

This program is designed to coordinate the education of undergraduate environmental science students at Xavier with graduate programs in the Duke University School of the Environment. After completing three years of the Environmental Science Program at Xavier, participating students are accepted into either of two Duke University degree programs, the Master of Forestry (MF) or Master of Environmental Management (MEM). The MF emphasizes forest resources, and graduates are typically employed in administrative, managerial, or staff positions with forest industries and government agencies. The MEM program considers natural resources in a broader context. Students find employment in such areas as resource development, environmental protection, impact assessment, land use analysis, and coastal zone management.

The curriculum which leads to the above degrees consists of six semesters of undergraduate study at Xavier University (similar to the Environmental Science major) and four semesters of graduate study at Duke University School of the Environment. During the fall semester of the junior year at Xavier, the student applies for admission to the Duke University School of the Environment. The BS Applied Biology degree will be awarded by Xavier University upon satisfactory completion of one year of full-time study at Duke University. Upon satisfactory completion of the requirements for a master's degree, Duke University will award either the degree of MF or MEM, whichever is appropriate for the student's area of concentration at Duke University. If a student is unable to enter Duke University, courses necessary for completion of requirements leading to the BS in Environmental Science can be taken during the senior year.

All incoming students to Xavier will first enroll as an Environmental Science Major. After meeting with the program director during the freshman to junior year, students will then be allowed to declare the Environmental Science Major with Environmental Management concentration.

## Requirements for the Environmental Science Major with Environmental Management concentration

**Students must have the program director's approval before declaring the Environmental Science major with a concentration in Environmental Management**

### Core Curriculum Requirements:

Students must complete the Undergraduate Core Curriculum requirements. Specific courses that must be taken to satisfy the core curriculum requirements include science courses and the following:

### Mathematical Perspectives:

- MATH 140 - Concepts of Calculus or
- MATH 180 - Differential Calculus

### 3 hours of Social Sciences, including:

- ECON 200 - Microeconomic Principles

### Major Requirements:

45 credit hours, as follows

### 21 hours of required biology courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
  
- BIOL 398 - SEM: Environmental Studies

## 19 hours of additional science coursework:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- ECON 320 - Natural Resource Economics

## 5 hours of additional science elective coursework

Students must select a minimum of 5 credit hours from the following list of courses. No more than one mathematics/computer science course may be taken.

- BIOL 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 227 - Parasitology
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 240 - Evolution
- BIOL 244 - Animal Behavior
- BIOL 255 - Tropical Ecology
- BIOL 256 - Conservation Biology Ireland
- BIOL 270 - Introduction To Entomology
- BIOL 271 - Introduction To Entomology Lab
  
- BIOL 364 - Virology
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 440 - Biochemistry
- CSCI 170 - Computer Science I
- MATH 325 - Mathematical Modeling

## Note(s):

- A 2.000 cumulative average must be attained in all biology courses.
- One year of full time study at the Duke University School of the Environment.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Environmental Science with Environmental Management concentration

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

## First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- ENGL 101 - English Composition or ENGL 115 - Rhetoric†
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- CORE 101 - 1st Year Co-Curricular Program I

Total (14)

## Second Semester

- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- ECON 200 - Microeconomic Principles†
- PHIL 100 - Ethics as Intro to Philosophy†
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- CORE 102 - 1st Year Co-Curricular Program II

Total (17)

## Sophomore Year

### First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- MATH 140 or MATH 180
- ECON 320 - Natural Resource Economics
- Second Language I†
- Historical Perspectives††

Total (16)

### Second Semester

- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
- Humanities Elective††
- Creative Perspectives†
- ENGL 205 - Literature & Moral Imagination††
- Second Language II†

Total (16)

## Junior Year

### First Semester

- BIOL Capstone
- Science Elective
- Science Elective
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- Philosophical Perspectives††
- STAT 146 - Biostatistics

Total (15-17)

## Second Semester

- BIOL Capstone
- BIOL 396 or 397 or 398 - Environmental Studies SEM
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- Theological Perspectives Elective††
- General Elective
- General Elective

Total (16-18)

## Senior Year

During the junior year the student applies for admission to Duke University. The BS degree will be awarded by Xavier University upon satisfactory completion of one year of fulltime study (minimum of 24 credit hours) at Duke University.

If a student is unable to enter Duke University, arrangements should be made with the chair of the Biology Department to determine the senior year courses necessary for completion of requirements leading to the BS degree in Environmental Science .

A cumulative average of 2.0 is required in the major courses for graduation.

A minimum of 120 credit hours (96 hours at Xavier and 24 hours at Duke) is required for the degree.

## Notes:

- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. A second Bachelor's degree requires 150 credit hours (30 additional credit hours).

## Minors

### Biology Minor

A minor in biology is earned by completing 8 credit hours of required biology courses including the introductory general biology lecture and lab courses, plus two more courses with at least one lecture and lab combinations selected from advanced courses. A 2.000 cumulative average must be attained in all biology courses. Students should consult the department chair concerning specific requirements for the minor.

15 credit hours are required, as follows

8 hours from:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II

- BIOL 163 - General Biology II Lab

Three additional credits from BIOL 200-490

At least one additional lecture lab combination from:

- |                              |                      |
|------------------------------|----------------------|
| • Microbiology & Lab         | BIOL 200/201 (3 & 1) |
| • Human Physiology & Lab     | BIOL 206/207 (3 & 1) |
| • Botany & Lab               | BIOL 210/211 (3 & 1) |
| • Genetics & Lab             | BIOL 230/231 (3 & 1) |
| • Ecology & Lab              | BIOL 250/251 (3 & 1) |
| • Environ Science & Lab      | BIOL 260/261 (3 & 1) |
| • Entomology & Lab           | BIOL 270/271 (3 & 1) |
| • Aquatic Inverts & Lab      | BIOL 340/341 (3 & 1) |
| • Ornithology & Lab          | BIOL 350/351 (3 & 1) |
| • Human & Comp Anat & Lab    | BIOL 354/355 (3 & 1) |
| • General Microbiology & Lab | BIOL 450/451 (3 & 2) |
| • Developmental Bio & Lab    | BIOL 460/461 (3 & 1) |

Note(s):

- A 2.000 cumulative average must be attained in all these courses.

## Biomedical Sciences Minor

The Biomedical Sciences minor is designed for undergraduate students who wish to complete science courses generally required of applicants to medical school while completing a bachelor's degree in a non-science major.

39 total credit hours are required, as follows

8 hours of biology from:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab

19 hours of chemistry from:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 440 - Biochemistry



## 8 hours of physics from:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Note(s):

- Please note that PSYC 101 and SOCI 101 is now also required for the MCAT.
- A 2.000 cumulative average must be attained in these courses.

## Environmental Studies Minor

The Environmental Studies Minor is a 16-hour interdisciplinary program compatible with any major. It offers students an integrated overview of environmental and natural resource fields.

## Required Courses:

- ECON 200 - Microeconomic Principles
- ECON 320 - Natural Resource Economics
- BIOL 250 - Ecology and
- BIOL 251 - Ecology Lab (prerequisite: BIOL 120 or BIOL 162)
- BIOL 398 - SEM: Environmental Studies or BIOL 397 - SEM: Air and Water Pollution or BIOL 396 - SEM: Climate Change

## Approved Non-Science Electives

(The below list is a sample of offerings. Please use the "Attribute Type" when searching the Schedule of Classes to find other approved courses).

- ECON 421 - Environment, Economics and Policy
- ENGL 205 - Lit. & Moral Imagination: Literature & the Environment (Specific environmental sections must be approved)
- ENGL 348 - Literature & the Environment
- ENGL 363 Ecocriticism
- HIST 123 - African History I
- HIST 171 - US Environmental History
- HIST 398 - History of Agriculture
- HIST 399 - Green Urbanism
- HIST 400 - History of Agriculture
- HIST 436 - Urban Ecologies and Economics
- PHIL 200 - Philosophical Perspectives: Philosophy and Ecology Konopka only
- PHIL 387 - Topics in Contemporary Philosophy Konopka only
- PHIL 392 - Philosophy of Nature
- POLI/HIST 316 - Globalization
- SOCI 240 - Population and Globalization
- SUST 301 - Cultural Studies and Sustainability
- SUST 465 - Topics in Sustainability: Renewable Energy and Economics Bertaux only
- THEO 245 - God Creation and Ecology
- THEO 332 - Sacred Ground and New Story/Cosmology
- THEO 360 - Consumption as a Problem
- THEO 388 - Theology and Ecology
- THEO 396 - Native American Lifeways

## Note(s):

- A 2.000 cumulative average must be attained in all these courses.
- Information regarding the minor can be obtained from the co-directors, whose names are noted in each semester's schedule of classes.

## Pre-Physical Therapy Minor

A minor in pre-physical therapy is earned by completing a minimum of 44-46 credit hours of required science and other courses and is based on an examination of pre-requisites for graduate physical therapy programs, as described by the Physical Therapist Centralized Application Service (PTCAS), which is a service of the American Physical Therapy Association (APTA). Please note that pre-requisites for DPT programs vary by school so students will need to carefully research the pre-requisites at those schools to which they intend to apply. The Pre-Professional Health Advisor at Xavier will be able to advise students with regard to this minor. Students should consult the Biology department chair concerning specific requirements for the minor.

44-46 total credit hours are required, as follows

### Biology:

16/18 hours of lecture & lab from

#### Option 1:

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health
- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health

#### Option 2:

- BIOL 354 - Human and Comparative Anat
- BIOL 355 - Human and Comp Anat Lab

### Note:

General Biology Sequence (BIOL 160-163) is a pre-requisite for BIOL 354/355 and 410/411

## Additional Required Courses

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I

- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- EXSC 300 - Exercise Physiology
- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics
- PSYC 101 - General Psychology
- SOCI 101 - Introduction to Sociology

## Note(s):

- A 2.000 cumulative average must be attained in all these courses.

## Certificate

### Pre-Medical Studies Certificate

This certificate program is designed for students who are not seeking a degree, but who want to prepare for admission to medical school. Medical schools generally expect their applicants to have the equivalent of a bachelor's degree along with the four years of science courses required for this certificate. They are:

## They are:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 440 - Biochemistry

## Note(s):

A student is eligible for a certificate if at least one half (17 credit hours) of the courses are completed at Xavier University with a minimum grade point average of 3.000. Interested students should consult with the chair of the Health Sciences Committee or the Coordinator of Pre-Professional Health Advising.

## Chemistry

The Department of Chemistry, in cooperation with the Departments of Biology and Physics, offers these bachelor's degrees and programs:

- The Bachelor of Science in Chemistry
- The Minor in Chemistry
- The Bachelor of Science in Chemical Science
- The Bachelor of Science in Applied Chemistry, Science - Engineering Program
- The Bachelor of Science in Biomedical Sciences (for premedical and pre-dental students)
- The Minor in Biomedical Sciences

The Minor in Biochemistry  
The Minor in Forensic Science  
Pre-Pharmacy Program  
The Bachelor of Science in Teaching Life Sciences and Chemistry (in cooperation with the School of Education)

## Bachelor of Science

### Biochemistry, B.S.

Biochemistry is the study of chemical processes in living systems. It combines chemistry and biology to understand how biological systems work. A Biochemistry major provides students a solid foundation in both Chemistry and Biology with specific training in Biochemistry. This training prepares students for graduate programs in biochemistry and related disciplines, employment in biochemical and biomedical research, as well as medical school or other health-related professional education. The program has at its foundation the introductory Biology, Chemistry and Physics courses that many science majors take in their first two years. In the upper division, the major narrows its focus to biologically-related chemistry courses and molecularly-related biology courses.

The Biochemistry major requires 120 credit hours, if the ER/S Focus Elective and the Diversity Curriculum Electives also satisfy other elements of the core. Students wishing to have their degree certified by the American Chemical Society (ACS) or by the American Society for Biochemistry and Molecular Biology (ASBMB) will need to complete 121 credit hours, with a few changes to which courses they take.

Biochemistry, B.S. (no ACS certification)

Biochemistry, B.S. (with ACS certification)

### Biochemistry, B.S. (no ACS certification)

#### Requirements for the Biochemistry Major (no ACS certification)

##### Core Curriculum Requirements

53 credit hours including,

- Mathematics: 6 credits, MATH 140 and 146
- Science: included within the major

##### Major Requirements

69 credit hours in Chemistry, Biology and Physics

##### Chemistry Requirements:

39 credit hours

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 180 - Intro to Chemical Enterprise
- CHEM 220 - Principles of Physical Chem
- CHEM 221 - Analytical Chemistry
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 300 - Intro to Chem Research
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab

- CHEM 420 - Inorganic Chemistry
- CHEM 440 - Biochemistry

## Research Seminar:

3 credit hours

- CHEM 400 - Research/Seminar (taken 3 times)

## Biology Requirements:

12 credit hours

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory

## Physics Requirements:

8 credit hours

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Elective Requirements:

10 credit hours (including at least 1 lab) chosen from:

- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab
- BIOL 222 - Immunology
- BIOL 227 - Parasitology
- BIOL 310 - Foundations of Pharmacology
- BIOL 364 - Virology
- BIOL 370 - Endocrinology
- BIOL 380 - Neurobiology
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 250 - Quality Science Regulations
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 421 - Inorganic Chemistry Lab
- CHEM 435 - Medicinal Chemistry
- CHEM 450 - Topics in Organic Chemistry

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Biochemistry

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- CHEM 160 - Gen Chem 1
- CHEM 161 - Gen Chem Lab 1
- BIOL 160 - General Biology 1
- BIOL 161 - General Biology 1 Lab
- CHEM 180 - Intro to Chemical Enterprise
- MATH 140 - Concepts of Calculus
- CORE 100 - First Year Seminar
- CORE 101 - 1st year Co-curricular

Total (15)

### Second Semester

- CHEM 162 - Gen Chem 2
- CHEM 163 - Gen Chem lab 2
- BIOL 162 - General Biology 2
- BIOL 163 - General Biology 2 Lab
- MATH 146 - Introductory Biostatistics
- THEO 111 - Theological Foundataions
- ENGL 101 - Composition
- CORE 102 - Co-curricular

Total (17)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chem 1
- CHEM 241 - Organic Chem Lab 1
- PHYS 160 - College Physics 1
- PHYS 161 - Introductory Physics Lab 1
- PHIL 100 - Ethics as Intro to Phil
- 2nd Language

Total (14)

### Second Semester

- CHEM 242 - Organic Chem 2
- CHEM 243 - Organic Chem Lab 2
- PHYS 162 - College Physics 2
- PHYS 163 - Introductory Physics lab 2
- PHIL 200 - Philosophical Perspectives
- 2nd Language

Total (14)

## Junior Year

### First Semester

- CHEM 220 - Principles of Phys. Chem
- CHEM 440 - Biochemistry 1
- CHEM 300 - Research Ethics
- CHEM 221 - BioAnalytical Lab
- Biology Elective
- HIST 199 - Historical Perspectives

Total (14)

## Second Semester

- CHEM 442 - Biochemistry 2
- CHEM 445 - Biochemistry Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Lab
- CHEM 400 - Research
- ENGL 205 - Lit and Moral Imagination
- Humanities Elective

Total (15)

## Senior Year

### First Semester

- CHEM 340 - Instrumental Analysis
- CHEM 420 - Inorganic Chemistry
- CHEM 400 - Research
- CHEM/BIOL Elective
- E/RS Elective
- Social Science Elective

Total (16)

### Second Semester

- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research
- BIOL Elective
- CHEM/BIOL Elective Lab
- Creative Perspectives
- Theological Perspectives
- Elective
- CORE 499

Total (15)

## **Biochemistry, B.S. (with ACS certification)**

### Requirements for the Biochemistry Major (with ACS certification)

### Core Curriculum Requirements

53 credit hours including,

- Mathematics: 6 credits, MATH 180 and 181
- Science: included within the major

## Major Requirements:

69 credit hours in Chemistry, Biology and Physics

## Chemistry Requirements:

39 credit hours

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 180 - Intro to Chemical Enterprise
- CHEM 221 - Analytical Chemistry
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 300 - Intro to Chem Research
- CHEM 320 - Physical Chemistry I
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 420 - Inorganic Chemistry
- CHEM 440 - Biochemistry

## Research Seminar:

3 credit hours

- CHEM 400 - Research/Seminar (taken 3 times)

## Biology Requirements:

12 credit hours

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory

## Physics Requirements:

8 credit hours

- PHYS 161 - Introductory Physics Lab I
- PHYS 163 - Introductory Physics Lab II
- PHYS 170 - University Physics I
- PHYS 172 - University Physics II

## Elective Requirements:

10 credit hours (including at least 1 lab) chosen from:

- CHEM 322 - Physical Chemistry II (**required**)
- CHEM 325 - Physical Chemistry Laboratory or CHEM 425 (**one required**)
- BIOL 206 - Human Physiology



- BIOL 207 - Human Physiology Lab
- BIOL 222 - Immunology
- BIOL 227 - Parasitology
- BIOL 310 - Foundations of Pharmacology
- BIOL 364 - Virology
- BIOL 370 - Endocrinology
- BIOL 380 - Neurobiology
  
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 250 - Quality Science Regulations
- CHEM 421 - Inorganic Chemistry Lab
- CHEM 435 - Medicinal Chemistry
- CHEM 450 - Topics in Organic Chemistry

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.S. Biochemistry

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CHEM 160 - Gen Chem 1
- CHEM 161 - Gen Chem Lab 1
- BIOL 160 - General Biology 1
- BIOL 161 - General Biology 1 Lab
- CHEM 180 - Intro to Chemical Enterprise
- MATH 180 - Calculus 1
- CORE 100 - First Year Seminar
- Core 101 - 1st year Co-curricular

Total (15)

#### Second Semester

- CHEM 162 - Gen Chem 2
- CHEM 163 - Gen Chem lab 2
- BIOL 162 - General Biology 2
- BIOL 163 - General Biology 2 Lab
- MATH 181 - Calculus 2
- THEO 111 - Theological Foundataions
- ENGL 101 - Composition
- CORE 102 - Co-curricular

Total (17)

### Sophomore Year

#### First Semester

- CHEM 240 - Organic Chem 1
- CHEM 241 - Organic Chem Lab 1
- PHYS 170 - University Physics

- PHYS 161 - Introductory Physics Lab 1
- CHEM 221 - BioAnalytical Lab
- PHIL 100 - Ethics as Intro to Phil
- 2nd Language

Total (15)

## Second Semester

- CHEM 242 - Organic Chem 2
- CHEM 243 - Organic Chem Lab 2
- PHYS 172 - University Physics 2
- PHYS 163 - Introductory Physics lab 2
- PHIL 200 - Philosophical Perspectives
- 2nd Language

Total (14)

## Junior Year

### First Semester

- CHEM 320 - Physical Chemistry 1
- CHEM 440 - Biochemistry 1
- CHEM 300 - Research Ethics
- Biology Elective
- HIST 199 - Historical Perspectives
- Theological Perspectives

Total (16)

### Second Semester

- CHEM 322 - Physical Chemistry 2
- CHEM 442 - Biochemistry 2
- CHEM 445 - Biochemistry Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Lab
- CHEM 400 - Research
- ENGL 205 - Lit and Moral Imagination

Total (15)

## Senior Year

### First Semester

- CHEM 340 - Instrumental Analysis
- CHEM 420 - Inorganic Chemistry
- CHEM 400 - Research
- Chem/Bio elective
- E/RS elective
- Social Science Elective

Total (16)

### Second Semester

- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research
- Biology Elective
- Elective Lab
- Creative Perspectives
- Elective
- Core 499

Total (12)

## Chemistry, B.S.

The Department of Chemistry offers a curriculum that covers the five major fields (analytical, biochemistry, inorganic, organic, and physical chemistry), the preparation and identification of compounds, and the literature on the subject. The department offers two tracks for the Chemistry degree. The first track is an ACS certified track that allows students to graduate as ACS certified majors. The second track does not receive ACS certification but opens up opportunities for students to pursue careers in chemistry and is a great way to prepare for graduate school in all but a few chemistry disciplines.

Chemistry, B.S. (with ACS certification)

Chemistry, B.S. (no ACS certification)

## Chemistry, B.S. (no ACS certification)

### Requirements for the Chemistry Major

#### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken. See Undergraduate Core Curriculum

#### Major Requirements:

51 credit hours, as follows

#### 31 hours of chemistry from:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 180 - Intro to Chemical Enterprise
- CHEM 220 - Principles of Physical Chem
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 300 - Intro to Chem Research
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research/Seminar (taken 2 times)

#### 6 hours of mathematics from:

- MATH 140 - Concepts of Calculus

8 hours of physics from:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

2 electives from:

- CHEM 250 - Quality Science Regulations
- CHEM 420 - Inorganic Chemistry
- CHEM 435 - Medicinal Chemistry
- CHEM 440 - Biochemistry
- CHEM 450 - Topics in Organic Chemistry

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.S. Chemistry

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CHEM 160: General Chemistry 1
- CHEM 161: General Chemistry 1 Lab
- CHEM 180: Intro. to Chem. Enterprise
- MATH 140: Concepts of Calculus
- CORE 100: 1st Year Seminar OR THEO 111
- ENGL 101: Engl Comp OR ENGL 115 Rhetoric
- CORE 101: GOA

Total (14)

#### Second Semester

- CHEM 162: General Chemistry 2
- CHEM 163: General Chemistry 2 Lab
- MATH 146: Introductory Biostatistics
- CORE 100: 1st Year Seminar OR THEO 111
- PHIL 100: Ethics as Intro
- Historical Perspectives Elective
- CORE 102: GOA

Total (16)

### Sophomore Year

## First Semester

- CHEM 240: Organic Chemistry 1
- CHEM 241: Organic Chemistry 1 Lab
- PHYS 160: College Physics I
- PHYS 161: Introductory Physics Lab I
- THEO 111: Theological Foundations
- Second Language I

Total (14)

## Second Semester

- CHEM 242: Organic Chemistry 2
- CHEM 243: Organic Chemistry 2 Lab
- PHYS 162: College Physics II
- PHYS 163: Introductory Physics Lab II
- CHEM 226: Quantitative Analysis
- CHEM 227: Quantitative Analysis Lab
- Second Language II

Total (15)

## Junior Year

### First Semester

- CHEM 220: Principles of Physical Chemistry
- CHEM 340: Instrumental Analysis
- CHEM 300: Research Ethics
- PHIL 200: Philosophical Perspectives Elective
- ENG 205: Lit & the Moral Imagination
- General Elective (Minor Elective 1)

Total (16)

### Second Semester

- CHEM 341: Instrumental Analysis Lab
- Historical Perspective
- Social Science Elective
- PHIL 290: Theory of Knowledge
- General Elective (Minor Elective 2)

Total (13)

## Senior Year

### First Semester

- Chemistry Elective
- CHEM 400: Research/Seminar
- Creative Perspectives Elective
- Theological Perspectives Elective (E/RS)
- General Elective (Minor Elective 3)
- General Elective (Minor Elective 4)

Total (16)

## Second Semester

- Chemistry Elective
- E/RS Elective
- Diversity Elective
- CHEM 400: Research/Seminar
- Humanities Elective
- General Elective (Minor Elective 5)

Total (16)

## Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- All students must also satisfy five flags in addition to the 48 hours required by the core. No single course can count for more than two flags. Flagged courses often double-count for major and/or minor requirements. The five flagged courses are: the Diversity (DCR), Ethics/Religion and Society (E/RS) oral communications, quantitative reasoning and writing-intensive flagged courses. Many of these are available within the core or major; use "Attribute Type" when searching for courses.
- 2.00 cumulative average is required in the major courses.

## Chemistry, B.S. (with ACS certification)

### Requirements for the Chemistry Major

#### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken. See Undergraduate Core Curriculum

#### Major Requirements:

60 credit hours, as follows

#### 46 hours of chemistry from:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 180 - Intro to Chemical Enterprise
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 300 - Intro to Chem Research
- CHEM 320 - Physical Chemistry I
- CHEM 322 - Physical Chemistry II
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research/Seminar (taken 3 times)
- CHEM 420 - Inorganic Chemistry

- CHEM 421 - Inorganic Chemistry Lab
- CHEM 440 - Biochemistry
- CHEM 450 - Topics in Organic Chemistry

6 hours of mathematics from:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus

8 hours of physics from:

- PHYS 161 - Introductory Physics Lab I
- PHYS 163 - Introductory Physics Lab II
- PHYS 170 - University Physics I
- PHYS 172 - University Physics II

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Chemistry

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CHEM 160: General Chemistry 1
- CHEM 161: General Chemistry 1 Lab
- CHEM 180: Intro. to Chem. Enterprise
- MATH 180: Differential Calculus
- CORE 100: 1st Year Seminar OR THEO 111
- ENGL 101: Engl Comp OR ENGL 115 Rhetoric
- CORE 101: GOA

Total (14)

#### Second Semester

- CHEM 162: General Chemistry 2
- CHEM 163: General Chemistry 2 Lab
- MATH 181: Integral Calculus
- CORE 100: 1st Year Seminar OR THEO 111
- PHIL 100: Ethics as Intro
- Historical Perspectives Elective
- CORE 102: GOA

Total (16)

## Sophomore Year

### First Semester

- CHEM 240: Organic Chemistry 1
- CHEM 241: Organic Chemistry 1 Lab
- PHYS 170: University Physics I
- PHYS 161: Introductory Physics Lab I
- THEO 111: Theological Foundations
- Second Language I

Total (14)

### Second Semester

- CHEM 242: Organic Chemistry 2
- CHEM 243: Organic Chemistry 2 Lab
- PHYS 172: University Physics II
- PHYS 163: Introductory Physics Lab II
- CHEM 226: Quantitative Analysis
- CHEM 227: Quantitative Analysis Lab
- Second Language II

Total (15)

## Junior Year

### First Semester

- CHEM 320: Physical Chemistry I
- CHEM 340: Instrumental Analysis
- CHEM 300: Research Ethics
- PHIL 200: Philosophical Perspectives Elective
- ENG 205: Lit & the Moral Imagination
- CHEM 440: Biochemistry

Total (16)

### Second Semester

- CHEM 322: Physical Chemistry II
- CHEM 341: Instrumental Analysis Lab
- CHEM 325: Physical Chemistry Lab
- Historical Perspective
- Social Science Elective
- CHEM 400: Research/Seminar
- PHIL 290: Theory of Knowledge

Total (15)

## Senior Year



## First Semester

- CHEM 420: Inorganic Chemistry
- CHEM 421: Inorganic Chemistry Lab
- CHEM 450: Topics in Organic Chemistry
- CHEM 400: Research/Seminar
- Creative Perspectives Elective
- Theological Perspectives Elective (E/RS)
- General Elective

Total (17)

## Second Semester

- CHEM 400: Research
- E/RS Elective
- Diversity Elective
- CHEM 400: Research/Seminar
- Humanities Elective
- General Elective

Total (14)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- All students must also satisfy five flags in addition to the 48 hours required by the core. No single course can count for more than two flags. Flagged courses often double-count for major and/or minor requirements. The five flagged courses are: the Diversity (DCR), Ethics/Religion and Society (E/RS) oral communications, quantitative reasoning and writing-intensive flagged courses. Many of these are available within the core or major; use "Attribute Type" when searching for courses.
- 2.00 cumulative average is required in the major courses.

## Minors

### Biochemistry Minor

The Biochemistry minor is intended to enhance students' understanding and competency in the area of Biochemistry.

21 total credit hours are required, as follows

17 hours from:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- CHEM 440 - Biochemistry

4 hours of electives selected from:

- CHEM 320 - CHEM 450

## **Chemistry Minor**

20 total credit hours are required, as follows

16 hours from:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab

4 additional hours of coursework must be selected from the following lecture/lab combinations:

- CHEM 226/227, CHEM 340/341, CHEM 420/421, CHEM 440/441

Note(s):

- A 2.000 cumulative average must be attained in the chemistry courses.

## **Forensic Science Minor**

The Forensic Science minor is intended to enhance students' understanding and competency in the area of Forensic Science.

23 total credit hours are required, as follows

17 hours from:

- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 440 - Biochemistry
- CJUS 101 - Intro to Criminal Justice

- CJUS 239 - Criminalistics I

## 6 hours of Criminal Justice (CJUS) electives

### Note(s):

- Biomedical Sciences and Natural Sciences majors (as interdisciplinary majors) are not eligible to receive a minor in Biology, Chemistry, or Biochemistry. However, Biomedical Sciences and Natural Sciences majors may double count their major requirements toward a minor in Forensic Science.

## Other Programs

### Pre-Pharmacy Program

The Pre-Pharmacy Program at Xavier University is a program of advisement where the minimum requirements for entry to most pharmacy schools are placed early in the student's program of study and university general core-curricular course work is placed later in the curriculum. Most pharmacy schools do not require an undergraduate bachelor's degree for acceptance. The minimum requirements for application to pharmacy school can, in most cases, be completed in two years. If a student successfully completes these courses, he or she may apply for admission to pharmacy schools at the end of two years of study. If the student is unsuccessful at gaining admission at that time they can continue in their studies, and apply in their third year or after completing their undergraduate bachelor's degree. Regardless of whether one enters pharmacy school at the end of two years of study or earns a bachelor's degree, the pharmacy school degree necessary to become a licensed registered pharmacist (Pharm.D.) normally still requires an additional four years of study to complete. For the specific requirements and recommended courses at each pharmacy school in which you are interested, you should consult the "Pharmacy School Admission Requirements", published by the American Association of Colleges of Pharmacy. There is a copy available to browse in the office of the Director of Pre-professional Health Advising in Albers Hall 105B.

The Pre-Pharmacy Program is administered by the Department of Chemistry. Colleges of pharmacy require a minimum of two years of undergraduate study and include certain required courses for admission. If the required courses have been completed, students may apply to a college of pharmacy after two years of study or after earning a baccalaureate degree.

The pre-pharmacy curriculum satisfies the minimum preparation for admission to most colleges of pharmacy. It may be modified to meet other specific requirements of a particular college of pharmacy. A current listing of such requirements\* should be consulted by the student in order to plan a satisfactory program. The student is advised to meet regularly with a member of the Committee on Health Sciences so as to be well-informed about all current prerequisites and the procedures to be followed in applying for admission to a college of pharmacy. If the student plans to continue undergraduate education at Xavier University and to obtain a BS degree, this can be done easily within the BS in Biology, BS in Chemistry, or BS in Biomedical Sciences programs. The student then should meet with the chair of the appropriate science department for guidance in the choice of courses necessary for the desired degree.

\* "Pharmacy School Admission Requirements," published by the American Association of Colleges of Pharmacy.

### Pre-Pharmacy

This block serves as a guideline for progress in the program. See your academic advisor.

### Freshman Year

#### First Semester

- CHEM 160: General Chemistry I
- CHEM 161: General Chemistry I Lab
- CHEM 180: Intro. to Chem. Enterprise
- BIOL 160: General Biology I
- BIOL 161: General Biology I Lab

- CORE 100 1st Year Seminar OR THEO 111
- ENGL 101 Engl Comp OR ENGL 115 Rhetoric
- CORE 101: GOA

Total (15)

## Second Semester

- CHEM 162: General Chemistry 2
- CHEM 163: General Chemistry 2 Lab
- MATH 146: Biostatistics
- CORE 100 1st Year Seminar OR THEO 111
- PHIL 100: Ethics as Intro
- Historical Perspectives Elective
- CORE 102: GOA

Total (16)

## Sophomore Year

### First Semester

- CHEM 240: Organic Chemistry 1
- CHEM 241: Organic Chemistry 1 Lab
- BIOL 140: Anat. & Phys. 1
- BIOL 141: Anat. & Phys. Lab 1
- MATH 140
- Second Language I
- SOCI 101: Introduction to Sociology

Total (17)

### Second Semester

- CHEM 242: Organic Chemistry 2
- CHEM 243: Organic Chemistry 2 Lab
- BIOL 142: Anat. & Phys. 2
- BIOL 143: Anat. & Phys. Lab 2
- MATH 141
- Second Language II
- Theological Perspectives Elective (E/RS)

Total (17)

## Junior Year

### First Semester

- CHEM 440: Biochemistry
- BIOL 310: Foundations of Pharmacology
- ENGL 205: Lit & the Moral Imagination
- PHIL 200: Philosophical Perspectives Elective
- PSYC 101: General Psychology

Total (15)

## Second Semester

- CHEM 435: Medicinal Chemistry
- BIOL 200: Microbiology
- BIOL 201: Microbiology Lab
- PHYS 160: College Physics I
- PHYS 161: Introductory Physics Lab I
- Creative Perspectives Elective
- Humanities Elective

Total (17)

## Note:

\* If a Pharmacy School requires Biochemistry, the organic chemistry sequence should be completed in the summer before the sophomore year.

## Classics and Modern Languages

The Department of Classics and Modern Languages offers the Bachelor of Arts and Associate of Arts degrees in the following Modern Languages: French, German, and Spanish. Also offered are minors in Classical Humanities, Deaf Studies, French, German, Greek, Italian Studies, Latin, Spanish and Latin American Studies. Also offered, in conjunction with the Economics Department, is a Bachelor of Arts degree in Modern Languages & International Economics.

A placement test is administered to those students who took ASL, French, German, or Spanish in high school. Students of Arabic, Italian, Japanese, or Mandarin should schedule a meeting with the respective instructor to determine correct placement. The result determines the number of courses needed in order to fulfill the foreign language requirement. All French/German/Spanish majors must complete a one-credit senior research project (FREN 499/GERM 499/SPAN 499). All courses must be in the appropriate language (French/German/Spanish) to count towards the major

## Bachelor of Arts

### Classical Humanities, B.A.

The Bachelor of Arts degree in Classical Humanities major engages students who have an interest in the enduring purchase of topics and themes from classical antiquity. CLHU embraces a wide range of areas such as art, history, religion, archaeology, literature, mythology, and Greek and Latin languages. There is no language requirement in the Classical Humanities major, but students are encouraged to use core language requirements as an opportunity to complement their CLHU studies. The major aim is for students to encounter in the culture of classical antiquity the diversity of the ancient world and to gain an awareness of the ongoing influence of classical antiquity on contemporary culture.

## Requirements for the Classical Humanities Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Major Requirements:

31 credit hours, as follows:

18 required credit hours

### 3 hours in history

- CLAS 120 - From Homer to Plato
- CLAS 121 - From Alexander to Cleopatra
- CLAS 160 - From Romulus to Octavian
- CLAS 161 - From Augustus to Attila

### 3 hours in mythology

- CLAS 240 - World Mythology
- CLAS 241 - Classical Mythology: Art
- CLAS 242 - Classical Mythology: Literatur
- CLAS 245 - Myth and Film

### 3 hours Classical Literature & the Moral Imagination

- CLAS 205 - Classical Lit & Moral Imagina

### 3 hours in classical culture

- CLAS 236 - Gender & Sex/Ancient Gr & Rome
- CLAS 239 - Ancient Lit, Magic & Occult

### 3 hours in Greek/Roman history focus with rotating topics

- CLAS/HIST 310

### 3 hours in Classics and Moderns

- CLAS 380

### 12 elective hours in any CLAS, LATN, GREK courses

- Note: coan include core requirements in language, Theological Perspectives, Social Sciences, Humanities, and Oral Communication, Quantitative Reasoning, Writing, E/RS, and Diversity Flags

### 1 hour Senior Capstone Project

- CLAS 397 - Directed Study

### Note(s):

- A 2.500 cumulative average must be attained in the above courses.
- In addition to the above requirements, the student has approximately 26 hours of non-designated electives which can be used to meet specific interests or needs.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Classical Humanities

This is a sample course sequence to illustrate class offerings for this major. See your academic advisor.

### Freshman Year

#### First Semester

- Core language requirement I (LATN 101 or LATN 111)
- CORE 100 First Year Seminar
- CREATIVE PERSPECTIVES (CLAS 241)
- PHILOSOPHY 100 - Ethics as Intro. to Philosophy
- ENGLISH 101 or 115 - English Composition or Rhetoric
- CORE 101: GOA

Total (15)

#### Second Semester

- CORE LANGUAGE REQUIREMENT II (LATN 102 or LATN 112)
- HISTORICAL PERSPECTIVES (CLAS 120, 121, 160, 161)
- SCIENTIFIC PERSPECTIVES Lecture and Lab
- THEOLOGY 111 Theological Foundations
- MATHEMATICAL PERSPECTIVES
- CORE 102: GOA

Total (15)

### Sophomore Year

#### First Semester

- CORE LANGUAGE REQUIREMENT III (Latin/Greek 201)
- NATURAL SCIENCE Lecture and Lab
- THEOLOGICAL PERSPECTIVES
- HUMANITIES Elective
- CLAS, LATN, GREK Elective

Total (15)

#### Second Semester

- Classical Mythology (CLAS 240, 241, 245)
- CLAS 205 Classical Literature and the Moral Imagination
- ORAL COMMUNICATION FLAG Elective
- PHILOSOPHY PERSPECTIVES Elective
- CLAS, LATN, GREK Elective

Total (15)

## Junior Year

### First Semester

- Classical Culture (CLAS 236, 239)
- CLAS, LATN, GREK Elective
- QUANTITATIVE FLAG Elective
- SOCIAL SCIENCE Elective (CLAS 261, 262)
- GENERAL Elective

Total (15)

### Second Semester

- Ancient History (CLAS 310)
- WRITING FLAG Elective
- E/RS Elective
- CLAS, LATN, GREK Elective
- General Elective

Total (15)

## Senior Year

### First Semester

- CLASSICS 380 Ancients and Moderns
- DIVERSITY FLAG Elective
- General Elective
- General Elective
- General Elective

Total (15)

### Second Semester

- CLASSICS 397 Senior Capstone Research
- General Elective
- General Elective
- General Elective
- General Elective
- General Elective
- CORE 499

Total (16)



## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.

## French and Francophone Studies, B.A.

The study of languages, literatures, and cultures is central to a liberal arts education and one of the key disciplines in the humanities. Since the emergence of Jesuit education in the sixteenth century, the studia humanitatis have been at its heart. Like all humanities majors, French challenges students to address pressing and enduring questions about the human condition. In reflecting on the nature and scope of the human itself, humanities majors develop skills and dispositions that remain vital at all stages of their professional and personal lives and result in a fulfilling life. Humanities majors learn how to: ask insightful questions, think flexibly, and develop comfort with diverse approaches to new problems; conduct, synthesize, and interpret research; and communicate effectively.

French majors develop intermediate high- and often advanced low-level proficiency in the spoken and written language. The program supports the study, analysis, and critical interpretation of the literatures and cultures of France and the Francophone world. It prepares students to operate personally and professionally in a broad range of French-speaking environments.

Students are encouraged to combine a modern language major with a second major or a related minor and to speak with faculty advisors about opportunities to incorporate study abroad into their program of study. Our majors go on to use their skills in the classroom, the corporate world, domestic civil service or diplomacy, arts and culture, and many other arenas. Undergraduates who wish to be licensed as teachers are advised to consult with the department education coordinator and with the School of Education regarding specific requirements for language teacher licensure.

## Requirements for the French Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Foreign Language:

- Complete intermediate level proficiency (202 level).

### Major Requirements:

- Placement test to determine which lower division courses are required.
- Completion of 28 hours of upper division courses (202-499) taught in the foreign language.
- A 2.5 cumulative average must be attained in the major courses.

28 credit hours, as follows

21-27 hours from:

- FREN 202-498 (Refer to Course Descriptions.)

0-6 hours of approved French Studies coursework in English

1 hour of senior project from:

- FREN 499 - Senior Research Project

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## French, B.A.

This is a sample course sequence to illustrate class offerings for this major. Consult your academic advisor.

### Freshman Year

#### Fall Semester

- FREN 101 Introductory French
- CORE 100 First Year Seminar
- Creative Perspectives
- THEO 111 Ignatian Imagination
- ENGL 101 or 115 English Composition or Rhetoric

Total (15)

#### Spring Semester

- FREN 102 Introductory French II
- Historical Perspectives
- Scientific Perspectives
- PHIL 100 Ethics as Intro to Philosophy
- Mathematical Perspectives

Total (15)

### Sophomore Year

#### Fall Semester

- FREN 201 Intermediate French I
- Natural Science Elective
- THEO Elective
- Humanities Elective
- General Elective

Total (15)

#### Spring Semester

- FREN 202 Intermediate French II (Major Elective and ORAL COMMUNICATION FLAG)
- Preapproved Area Studies Elective in English
- PHIL Elective
- CLAS/ENGL/FREN/SPAN/GERM 205 Literature and the Moral Imagination

- General Elective

Total (15)

## Junior Year

### Fall Semester

- FREN Major Elective
- Quantitative Flag Elective
- Social Science Elective
- Diversity Flag Elective
- Preapproved Area Studies Elective in English

Total (15)

### Spring Semester

#### Study Abroad

- FREN Major Elective
- FREN Major Elective
- FREN Major Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### Fall Semester

- FREN Major Elective
- General Elective
- General Elective
- General Elective
- ERS Focus Elective

Total (15)

### Spring Semester

- FREN Major Elective
- Writing Flag Elective
- FREN Senior Project
- General Elective
- General Elective
- General Elective

Total (16)

## German, B.A.

The study of languages, literatures, and cultures is central to a liberal arts education and one of the key disciplines in the humanities. Since the emergence of Jesuit education in the sixteenth century, the studia humanitatis have been at its heart. Like all humanities majors, German challenges students to address pressing and enduring questions about the human condition. In reflecting on the nature and scope of the human itself, humanities majors develop skills and dispositions that remain vital at all stages of their professional

and personal lives and result in a fulfilling life. Humanities majors learn how to: ask insightful questions, think flexibly, and develop comfort with diverse approaches to new problems; conduct, synthesize, and interpret research; and communicate effectively.

German majors develop a deep knowledge of language and culture, and leverage that knowledge to gain insight into historical, social and political issues. The study of German at Xavier prepares students for interdisciplinary and problem-based inquiry that spans many professions. Students are therefore encouraged to combine a modern language major with a second major or a related minor and to peak with faculty advisors about opportunities to incorporate study abroad into their program of study. Majors go on to use their skills in the corporate world, STEM fields, diplomacy, arts and culture, and many other arenas. Undergraduates who wish to be licensed as teachers are advised to consult with the department education coordinator and with the School of Education regarding specific requirements for language teacher licensure.

## Requirements for the German Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Second Language:

- Complete intermediate level proficiency.

### Major Requirements:

- Placement test to determine which lower division courses are required.
- Completion of 28 hours of upper division courses (202-499) taught in the target language.
- A 2.5 cumulative grade-point average must be attained in the major courses.

28 credit hours, as follows

27 hours of courses in language, literature, and culture:

- Refer to Course Descriptions

0-6 hours of approved German Studies coursework in English

1 hour of senior research project:

- GERM 499 - Senior Research Project

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

**B.A. German**

This is a sample course sequence to illustrate class offerings for this major. Consult your academic advisor.

## Freshman Year

### Fall Semester

- GERM 101 Introductory German
- CORE 100 First Year Seminar
- Creative Perspectives
- THEO 111 Ignatian Imagination
- ENGL 101 or 115 English Composition or Rhetoric

Total (15)

### Spring Semester

- GERM 102 Introductory German II
- Historical Perspectives
- Scientific Perspectives
- PHIL 100 Ethics as Intro to Philosophy
- Mathematical Perspectives

Total (15)

## Sophomore Year

### Fall Semester

- GERM 201 Intermediate German I
- Natural Science Elective
- THEO Elective
- Humanities Elective
- General Elective

Total (15)

### Spring Semester

- GERM 202 Intermediate German II (Major Elective and ORAL COMMUNICATION FLAG)
- Preapproved Area Studies Elective in English
- PHIL Elective
- CLAS/ENGL/FREN/SPAN/GERM 205 Literature and the Moral Imagination
- General Elective

Total (15)

## Junior Year

### Fall Semester

- GERM Major Elective
- Quantitative Flag Elective
- Social Science Elective
- Diversity Flag Elective

- Preapproved Area Studies Elective in English

Total (15)

## Spring Semester

### Study Abroad

- GERM Major Elective
- GERM Major Elective
- GERM Major Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### Fall Semester

- GERM Major Elective
- General Elective
- General Elective
- General Elective
- ERS Focus Elective

Total (15)

### Spring Semester

- GERM Major Elective
- Writing Flag Elective
- GERM Senior Project
- General Elective
- General Elective
- General Elective

Total (16)

## Modern Language and International Economics, B.A.

Anyone working in the international arena - whether in international relations, for an international organization, or in business - needs to work with people from around the world and have a deep understanding of the global economic environment. Students receive this mix with the interdisciplinary major that is offered jointly by the Departments of Modern Languages and Economics. The blended coursework provides students with:

- A solid foundation in French, German, or Spanish.
- The skills to address international economic issues and work in the global arena.
- A sound understanding of the cultures that exist across the global economy.

The B.A. in Modern Languages and International Economics requires students to select a modern language *concentration* from French, German or Spanish. The senior research and the directed study courses in each concentration are the capstone courses, and they are jointly directed by faculty members in Modern Languages and Economics. Students are prepared and encouraged to pursue internships and exchange programs abroad. To plan courses, study- or work-abroad, and your future career, please contact faculty advisors in the Modern Language Department or the Economics Department.

## Requirements for the Major

## Core curriculum requirements:

64 credit hours, including

### Foreign Language:

- Complete intermediate level proficiency (202 level).

### Literature:

- Can be fulfilled with a course in the concentration portion of the major.

### Mathematics:

- MATH 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

### Social Sciences:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

52 credit hours, as follows

### 24 hours of specific courses from:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 300 - Int'l Trade & Bus Environment
- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- ECON 450 - International Economics
- STAT 210 - Statistics For Business I or
- MATH 156 - General Statistics

### 6 hours from:

- ECON 310-499 (Refer to Course Descriptions), which must include 3 hours of ECON courses at the 400 level.

### 22 hours of courses in a chosen concentration:

## French:

- 21 hours from FREN 300-490 (Refer to Course Descriptions);
- 1 hour of senior research from FREN 499

## German:

- 21 hours from GERM 300-490 (Refer to Course Descriptions.)
- 1 hour of senior research from GERM 499

## Spanish:

- 21 hours from SPAN 300 or SPAN 301 with SPAN 302, SPAN 303, SPAN 306
- 9 hours of electives from SPAN 304-490 (Refer to Course Descriptions.)
- 1 hour of senior research SPAN 499

## Note(s):

- A 2.000 cumulative average must be attained in these required and concentration courses.
- The senior research and the directed study courses are the capstone courses are jointly directed by faculty members in Modern Languages and Economics.
- Students are prepared and encouraged to pursue internships and exchange programs abroad. To plan courses, study- or work-abroad, and your future career, please contact faculty advisors in the Modern Language Department or the Economics Department.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Modern Language & International Economics

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- THEO 111 - Theological Foundations
- MATH 150 - Elements of Calculus I
- Modern Language 300+ (3)
- History I Elective (3)
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

Total (15)

#### Second Semester

- PHIL 100 - Ethics as Intro to Philosophy
- STAT 210 - Statistics For Business I
- Modern Language 300+ (3)
- History II Elective (3)
- ECON 200 - Microeconomic Principles



Total (15)

## Sophomore Year

### First Semester

- ECON 201 - Macroeconomic Principles
- INFO 301
- Theo Scrip/Hist or Christ Sys Elective (3)
- Modern Language 300+ (3)
- Literature Elective (3)
- Cultural Diversity Elective (1)

Total (16)

### Second Semester

- ECON 307 - Empirical Analysis in Economics
- PHIL 290 - Theory of Knowledge
- ENGL 205 - Literature & Moral Imagination or CLAS 205 - Classical Lit & Moral Imagination or SPAN 205 - Hispanic Lit & Moral Imagination
- Modern Language 300+ (3)
- Theology Ethics or Rel/Cult Elective (3)

Total (15)

## Junior Year

### First Semester

- ECON 300 - Int'l Trade & Bus Environment
- ECON 305 - Microeconomic Analysis
- Fine Arts Elective (3)
- Science Elective (3)
- Modern Language 300+ (3)

Total (15)

### Second Semester

- ECON 306 - Macroeconomic Analysis
- Philosophy Elective (3)
- Economics Elective (3)
- Science Elective (3)
- Modern Language 300+ (3)

Total (15)

## Senior Year

## First Semester

- ECON 450 - International Economics
- Science Elective (3)
- Modern Language 300+ (3)
- General Electives (6)

Total (15)

## Second Semester

- Economics Elective (3)
- General Electives (9)
- E/RS Focus Elective (3)
- Modern Language (senior thesis) (1)

Total (16)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.

## Spanish, B.A.

The study of language, literature, and culture is central to a liberal arts education, one of the key disciplines in the humanities, and a vital component to developing skills that will be widely applicable in a dynamic, globalized world. Since the emergence of Jesuit education in the sixteenth century, the studia humanitatis have been at its heart. Like all humanities majors, Spanish challenges students to address pressing and enduring questions about the human condition. Humanities majors learn how to: ask insightful questions, think flexibly, and develop comfort with diverse approaches to new problems; conduct, synthesize, and interpret research; and communicate effectively. These habits lead to meaningful lives and fulfilling occupations after the university.

Spanish majors develop proficiency in the spoken and written language. The program supports the study, analysis, and critical interpretation of the cultures of the Hispanophone world. It prepares students to operate personally and professionally in a broad range of Spanish-speaking environments in the USA and internationally.

Virtually all Spanish majors combine studies in language and culture with a second major or a related minor that align with personal or professional goals. All language students should incorporate study abroad opportunities into their plans.

Our majors go on to use their skills in the classroom, the corporate and non-profit worlds, health professions, social services, and many other arenas. Undergraduates who wish to be licensed as teachers should consult with the department education coordinator and with the School of Education regarding specific requirements for language teacher licensure.

## Requirements for the Spanish Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Foreign Language:

- Complete intermediate level proficiency (202 level).

## Major Requirements:

- Placement test to determine which lower division courses are required.
- A 2.5 cumulative grade-point average must be attained in the major courses.

## 31 credit hours, as follows:

- SPAN 202 - 3 hours (If a student tests into SPAN 300 and begins the major with SPAN 300 or SPAN 301, then the 9 hours of 400-498 applies)
- SPAN 300 or 301 - 3 hours
- SPAN 302-310 - 3 hours
- SPAN 311-399 - 15 hours
- SPAN 400-498 - 6 hours (9 hours if the student begins with SPAN 300 or SPAN 301)
- SPAN 499 - 1 hour

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Spanish

This is a sample course sequence to illustrate class offerings for this major. See your academic advisor.

### Freshman Year

#### Fall Semester

- SPANISH 201
- PHILOSOPHY 100: Ethics as Intro to Philosophy
- ENGLISH 101: English Composition
- Creative Perspective
- First Year Seminar
- CORE 101

#### Spring Semester

- SPANISH 202
- THEOLOGY 111: Theological Foundations
- Mathematical Perspective
- Historical Perspective
- Scientific Perspective
- CORE 102

### Sophomore Year

#### Fall Semester

- SPANISH 300
- Philosophical Perspective
- Humanities Elective

- Natural Science Elective
- Writing Intensive Elective

## Spring Semester

- SPANISH Elective
- Theological Perspective
- ENGLISH 205: Literature and Moral Imagination
- General Elective
- Oral Communications Elective

## Junior Year

### Fall Semester

- SPANISH Elective
- SPANISH Elective
- Quantitative Reasoning Elective
- Social Science Elective
- General Elective

### Spring Semester

- SPANISH Elective
- SPANISH Elective
- E/RS Elective
- General Elective
- Diversity Elective

## Senior Year

### Fall Semester

- SPANISH Elective
- SPANISH Elective
- General Elective
- General Elective
- General Elective

### Spring Semester

- SPANISH Elective
- Senior Project
- General Elective
- General Elective
- General Elective
- General Elective

## Associate of Arts

## French, A.A.

The Department of Classics and Modern Languages offers an Associate of Arts degree in French, German, and Spanish.

## French/German/Spanish A.A. Requirements

The Department of Modern Languages offers the Associate of Arts degree in French, German, or Spanish.

### Requirements for the Associate of Arts in French, German, or Spanish

The Associate of Arts degree requires a minimum of 60 credit hours including 31 credit hours of Core Curriculum Requirements and a minimum of 15 credit hours of Concentration Requirements,

#### Core Curriculum Requirements:

See Undergraduate Core Curriculum for details.

#### Concentration Requirements: 15 hours minimum from either French, German, or Spanish

- Up to nine additional credit hours of lower division language courses may be required as determined by the placement test.
- All courses must be taught in the foreign language to count toward the concentration.
- A 2.5 cumulative grade-point average must be attained in all concentration courses.

#### French

FREN 202-498. See Course Descriptions

#### German

GERM 202-498. See Course Descriptions

#### Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II
  
- SPAN 328 - Phonetics and Dialectology

3 hours of culture from:

- SPAN 350-352 (Refer to Course Descriptions ).

6 hours of electives from:

- SPAN 302-498 (Refer to Course Descriptions ).

**TOTAL for A.A. DEGREE: 60 Credit Hours**

# Requirements for Associate Degrees in French/German/Spanish

Meeting degree requirements is the student's responsibility.

Candidates for associate degrees must have:

1. completed the appropriate requirements listed under the Core Curriculum - Associate's Degrees;
2. attained a 2.5 average in the course work of the concentration;
3. attained a cumulative grade point average of 2.000;
4. earned at least 60 hours;
5. completed the last 30 hours at Xavier, excluding consortium courses, unless waived by college dean;
6. transferred, normally, no more than 9 hours from another college or university toward a degree after matriculation at Xavier;
7. filed a formal graduation application by the deadline published for each semester;
8. completed all departmental requirements in the concentration field and all requirements of the college;
9. cleared all financial obligations to the University before the diploma and transcripts can be released.

In addition to the above, transfer students must have:

10. completed at least one-half of the course requirements of the concentration at Xavier.

## German, A.A.

The Department of Classics and Modern Languages offers an Associate of Arts degree in French, German, and Spanish.

## French/German/Spanish A.A. Requirements

The Department of Modern Languages offers the Associate of Arts degree in French, German, or Spanish.

## Requirements for the Associate of Arts in French, German, or Spanish

This Associate of Arts degree requires a minimum of 60 credit hours including 31 credit hours of Core Curriculum Requirements and a minimum of 15 credit hours of Concentration Requirements,

### Core Curriculum Requirements:

See Undergraduate Core Curriculum for details.

### Concentration Requirements: 15 hours minimum from either French, German, or Spanish

- Up to nine additional credit hours of lower division language courses may be required as determined by the placement test.
- All courses must be taught in the foreign language to count toward the concentration.
- A 2.5 cumulative grade-point average must be attained in all concentration courses.

### French

FREN 202-498. See Course Descriptions

### German

GERM 202-498. See Course Descriptions

## Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II
  
- SPAN 328 - Phonetics and Dialectology

3 hours of culture from:

- SPAN 350-352 (Refer to Course Descriptions ).

6 hours of electives from:

- SPAN 302-498 (Refer to Course Descriptions ).

**TOTAL for A.A. DEGREE: 60 Credit Hours**

## Requirements for Associate Degrees in French/German/Spanish

Meeting degree requirements is the student's responsibility.

Candidates for associate degrees must have:

1. completed the appropriate requirements listed under the Core Curriculum - Associate's Degrees;
2. attained a 2.5 average in the course work of the concentration;
3. attained a cumulative grade point average of 2.000;
4. earned at least 60 hours;
5. completed the last 30 hours at Xavier, excluding consortium courses, unless waived by college dean;
6. transferred, normally, no more than 9 hours from another college or university toward a degree after matriculation at Xavier;
7. filed a formal graduation application by the deadline published for each semester;
8. completed all departmental requirements in the concentration field and all requirements of the college;
9. cleared all financial obligations to the University before the diploma and transcripts can be released.

In addition to the above, transfer students must have:

10. completed at least one-half of the course requirements of the concentration at Xavier.

## **Spanish, A.A.**

The Department of Classics and Modern Languages offers an Associate of Arts degree in French, German, and Spanish.

## French/German/Spanish A.A. Requirements

The Department of Modern Languages offers the Associate of Arts degree in French, German, or Spanish.

## Requirments for the Associate of Arts in French, German, or Spanish

This Associate of Arts degree requires a minimum of 60 credit hours including 31 credit hours of Core Curriculum Requirements and a minimum of 15 credit hours of Concentration Requirements,

## Core Curriculum Requirements:

See Undergraduate Core Curriculum for details.

## Concentration Requirements: 15 hours minimum from either French, German, or Spanish

- Up to nine additional credit hours of lower division language courses may be required as determined by the placement test.
- All courses must be taught in the foreign language to count toward the concentration.
- A 2.5 cumulative grade-point average must be attained in all concentration courses.

### French

FREN 202-498. See Course Descriptions

### German

GERM 202-498. See Course Descriptions

### Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II
  
- SPAN 328 - Phonetics and Dialectology

3 hours of culture from:

- SPAN 350-352 (Refer to Course Descriptions ).

6 hours of electives from:

- SPAN 302-498 (Refer to Course Descriptions ).

**TOTAL for A.A. DEGREE: 60 Credit Hours**

## Requirements for Associate Degrees in French/German/Spanish

Meeting degree requirements is the student's responsibility.

Candidates for associate degrees must have:

1. completed the appropriate requirements listed under the Core Curriculum - Associate's Degrees;
2. attained a 2.5 average in the course work of the concentration;
3. attained a cumulative grade point average of 2.000;
4. earned at least 60 hours;
5. completed the last 30 hours at Xavier, excluding consortium courses, unless waived by college dean;
6. transferred, normally, no more than 9 hours from another college or university toward a degree after matriculation at Xavier;
7. filed a formal graduation application by the deadline published for each semester;
8. completed all departmental requirements in the concentration field and all requirements of the college;
9. cleared all financial obligations to the University before the diploma and transcripts can be released.



In addition to the above, transfer students must have:

- 10. completed at least one-half of the course requirements of the concentration at Xavier.

## Minors

### Classical Humanities Minor

18 total credit hours are required, as follows:

Select hours in classical culture courses offerings, from:

- CLAS/GREK/LATN 101-399 (Refer to Course Descriptions.)

Note(s):

- A 2.500 cumulative average must be attained in the classical culture courses.
- Courses with the CLAS designation require no knowledge of an ancient language.
- Courses with the LATN and GREK designations can apply to the Classical Humanities Minor.

### Deaf Studies Minor

The Deaf Studies minor provides students with a strong foundation in American Sign Language (ASL) skills, a broad understanding of the history, literature and culture of the Deaf community, and knowledge of issues in areas such as education, the legal system, and medical care that affect Deaf individuals. The minor involves direct engagement with members of the Deaf community both on and off campus, and adds value to a student's major and career options by demonstrating an ability to work and interact with members of the Deaf community in professional and social contexts.

### Minor Requirements

The Deaf Studies minor consists of 15 hours, with 9 credit hours of ASLN 101-201 as prerequisite or placement.

### Prerequisites or Placement

9 credit hours

- ASLN 101 - Elem American Sign Language I
- ASLN 102 - Elem American Sign Language II
- ASLN 201 - Interm American Sign Lang I

### Required Courses

15 credit hours

- ASLN 202 - Interm American Sign Lang II

- ASLN 290 - Deafness Origins & Orientation
- ASLN 291 - Deafness Culture & Community

## **French and Francophone Studies Minor**

15 credit hours of FREN 202-498 are required:

Please see Course Descriptions

Note(s):

- All courses must be taught in French to count toward the minor.
- A 2.5 cumulative average must be attained in all these French courses.

## **German Minor**

15 credit hours of GERM 202-499 are required:

- Please see Course Descriptions

Note(s):

- All courses must be taught in German to count toward the minor.
- A 2.5 cumulative average must be attained in all these German courses.

## **Greek Minor**

15 total credit hours are required, as follows

Select Greek courses beyond the Elementary II level:

- GREK 201-399 (Refer to Course Descriptions.)

Note(s):

- A 2.500 cumulative average is required in all Greek courses.

# Italian Studies Minor

The Italian Studies minor will offer students an interdisciplinary approach to the study of Italian language and culture. Students will achieve intermediate proficiency in the Italian language while pursuing electives on Italian cultural topics in fine art, philosophy, Classics, history, theology, and/or other disciplines. A study abroad experience in Italy is highly encouraged in order to perfect students' language skills, and courses taken while abroad will count towards the minor.

## Curriculum

21 credit hours

## Language Courses

12 credit hours

- ITAL 101 - Elementary Italian I
- ITAL 102 - Elementary Italian II
- ITAL 201 - Intermediate Italian I
- ITAL 202 - Intermediate Italian II

## Electives

9 credit hours

- ARTS 271 History of Art II: Renaissance - Present
- CLAS 102 Ancient Mediterranean Civilization: Rome
- CLAS 160 From Romulus to Octavian
- CLAS 161 From Augustus to Attila
- CLAS 262 Roman Archaeology
- HIST 138 Francis: The Making of a Saint
- PHIL 351 Italian Philosophy
- PHIL 352 Bacon and Machiavelli
- PHIL 378 Vico
- THEO 257 Franciscan Spirituality
- THEO 270 New Testament and Politics
- THEO 318 Women and Early Christianity

## Courses taught during Xavier's Summer Program in Rome:

- ARTS 112 The Aesthetic Experience: Rome in Film
- ARTS 113 Art in Rome
- EDEC 300 Studies in Early Childhood
- ITAL 258 Language and Culture in Italy
- PHIL 200/351 Italian Philosophy
- PHYS 124/125 Our Universe: In the Beginning
- PHYS 126/127 Science in Art and Architecture
- THEO 244/344 Early Christianity in Rome

## Note(s):

- If students place into a higher level of Italian language coursework, they may complete the Italian Studies minor by pursuing courses counting for no fewer than 15 total credit hours.
- The electives for the minor will be approved by the Italian Language Section Coordinator and by the Chair of the Department of Classics and Modern Languages.

# Latin American, Latinx, & Caribbean Studies Minor

The Latin American, Latinx, & Caribbean Studies Minor is an interdisciplinary program housed in the department of modern languages. It is available to all Xavier undergraduates and enhances any major. It is designed to help students achieve an advanced level of ability in the Spanish language and cultural competency in Latin America. Many employers look for evidence that candidates for employment are prepared to deal with the realities of a global society.

18 credit hours required as follows:

## Introductory Course

- SPAN 253 - Intro to Latin American Stud

1 course in Spanish Language Development

- SPAN 300-310

1 course in Latin American Literature and Culture

- SPAN 345 - Contemporary Lat Amer Cinema
- SPAN 352 - Latin Amer Trad & Pop Cult
- SPAN 357 - Language and Culture in Guatem
- SPAN 359 - Community Engagement Peru
- SPAN 427 - Spanish-American Lit & Civ I
- SPAN 428 - Spanish-American Lit & Civ II
- SPAN 429 - Spanish-American Lit & Civ III
- SPAN 444 - 19th Century Spanish-Amer Lit
- SPAN 445 - 20th Century Spanish-Amer Lit

1 course with Latinx Focus

- SPAN 328 - Phonetics and Dialectology
- SPAN 331 - Latino Voices in the Community
- SPAN 332 - Span Community Health Settings

1 History course

- HIST 199 - Historical Perspectives (sections with a specific Latin American focus, such as "Latin America from Cortes to Castro" and "Africans in the Americas")
- HIST 231 - Transatlantic Slave Trade
- HIST 429 - SEM: Latin America & the US
- HIST 478 - Atlantic Slavery
- HIST 481 - The U.S.-Mexico Borderlands

1 approved elective

- THEO 345 - The Challenge of Peace

## **Latin Minor**

15 total credit hours are required, as follows:

Select Latin courses beyond the Elementary II level:

- LATN 201-399 (Refer to Course Descriptions.)

Note(s):

- A 2.500 cumulative average is required in all Latin courses.

## **Spanish Minor**

This list describes in general terms the proposed sequence of courses for the Xavier University Spanish minor. Every student's path may be different, and all minors will consult with their Spanish advisor each semester to ensure that they are taking the right course at the right time for their individual needs and goals. The sequence may be adjusted when a student studies abroad.

18 credit hours are required (a minimum of 8 credit hours must be taken on campus):

- SPAN 202 - 3 hours (If a student tests into SPAN 300 and begins the minor with SPAN 300 or SPAN 301, then 6 hours of 350-498 are required)
- SPAN 300 or 301 - 3 hours
- SPAN 302-310 - 3 hours
- SPAN 311-498 - 9 hours (12 hours if they student begins with SPAN300 or SPAN301)

Note(s):

- All courses must be taught in Spanish to count toward the minor.
- A 2.5 cumulative average must be attained in all these Spanish courses.

## **Communication**

The Department of Communication offers a Bachelor of Arts degree in five major areas: Advertising; Communication Studies; Digital Innovation, Film and Television; Digital Media; and Public Relations. The Communication department also offers six minors in Communications: Advertising, Communication Studies, Digital Innovation, Film and Television, Digital Media, Media Studies, and Public Relations.

### **Bachelor of Arts**

#### **Advertising, B.A.**

The goal of the Advertising major is to prepare students for a career in the field of advertising. This program offers a comprehensive study of advertising, including the principles of advertising, creative concepts, media planning, research, and management.

# Requirements

## Core Curriculum Requirements:

See Undergraduate Core Curriculum :

including Mathematical Perspectives requirement of MATH 116 or MATH 156

## Major Requirements:

36 credit hours, as follows

### 30 hours from:

- COMM 101 - Oral Communication
- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 237 - Elements of Copy & Design
- COMM 270 - Principles of Strategic Comm
- COMM 329 - Audience Survey & Research
- COMM 332 - Media Strategies in Advtising
- COMM 430 - Creative Strategies Advrtsing
- COMM 439 - Senior Sem-Adv: Campaigns
- COMM 477 - Strat Comm Ethics Society

### 3 hours of Elective A, select 1 course from:

- COMM 235 - Digital Design

### 3 hours of Elective B, select 1 course from:

- COMM 211 - Media Literacy
- COMM 247 - Understanding New Media
- COMM 264 - Persuasion
- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- COMM 385 - Media, Democracy & the Public
- COMM 426 - Media Law & Policy

### Note(s):

- A 2.000 cumulative average must be attained in the communication arts courses of the major.
- Since the major recommends certain courses as COMM electives, it is important that students work closely with their academic advisors in the choice of these electives.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Advertising

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### Fall Semester

- CORE 101 - Goa
- COMM 101 (OC Flag) or COMM 123
- English Composition or Rhetoric
- Second Language elective
- CORE 100 First-Year Seminar or THEO 111 Theological Foundations
- MATH 105 (Math at placement level) or MATH 116 (Math Perspectives)

Total (15)

#### Spring Semester

- CORE 102 Goa
- COMM 101 (OC Flag) or COMM 123
- Historical Perspectives
- Second Language elective
- CORE 100 First-Year Seminar or THEO 111 Theological Foundations
- PHIL 100 Ethics as Introduction to Philosophy

Total (15)

### Sophomore Year

#### Fall Semester

- Communication Course
- Creative Perspectives
- PHIL 200 Philosophical Perspectives
- Social Science elective
- Quantitative Reasoning Flag

Total (15)

#### Spring Semester

- COMM 206 (Writing Flag)
- ENGL 205 Literature & the Moral Imagination
- Theology Perspectives (THEO 200+)
- Scientific Perspectives
- Natural Science elective

Total (15)

### Junior Year

#### Fall Semester

- Communication Course
- Communication Course
- Diversity Flag (COMM 323, 324 or other)
- E/R & S Focus Flag (COMM 477)
- General Elective

Total (15)

## Spring Semester

- Communication Course
- Communication Course
- Humanities Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### Fall Semester

- Communication Course
- Communication Course
- General Elective
- General Elective
- General Elective

Total (15)

### Spring Semester

- Communication Course
- General Elective
- General Elective
- General Elective
- General Elective

Total (15)

## Communication Studies, B.A.

Communication Studies students have the opportunity to gain the knowledge and practical skills necessary to promote effective communication processes within public and private organizations. The program emphasizes both written and oral communication, and students are encouraged to prepare themselves for a broad range of employment possibilities in areas such as sales, special events planning, human resources, industrial relations, training, and management.

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

including Mathematical Perspectives requirement of MATH 116 or MATH 156

### Major Requirements:



36 credit hours, as follows

### 30 hours from:

- COMM 101 - Oral Communication
- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics
- COMM 264 - Persuasion
- COMM 301 - Presentational Speaking
- COMM 329 - Audience Survey & Research
- COMM 360 - Adv Organizational Comm
- COMM 469 - Sr Sem: Comm Studies

### 3 hours from Elective A

- COMM 221 - Introduction to Digital Media
- COMM 260 - Organizational Communication
- COMM 270 - Principles of Strategic Comm

### 3 hours from Elective B

- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- COMM 327 - Interpersonal Conflict Mgmt
- COMM 385 - Media, Democracy & the Public
- COMM 433 - Social Media Strategies

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A., Communication Studies

### Freshman Year

#### Fall Semester

- CORE 101: Goa
- COMM 101: Oral Comm (OC Flag)
- English Composition or Rhetoric
- Second Language I
- CORE 100: First-Year Seminar
- MATH 116: Math Perspectives

#### Spring Semester

- CORE 102: Goa
- COMM 123: Intro to Comm & Media
- Historical Perspectives
- Second Language II
- THEO 111: Theological Foundations
- PHIL 100: Ethics as Intro to Philosophy

## Sophomore Year

### Fall Semester

- COMM 207: Interpersonal Communication
- COMM ST. ELECTIVE A: (221, 260, or 270)
- Creative Perspectives
- PHIL 200: Philosophical Perspectives
- Social Science Elective

### Spring Semester

- COMM 206: Writing for the Media (Writing flag)
- ENGL 205: Lit & the Moral Imagination
- Theology Perspectives (THEO 200+)
- Scientific Perspectives
- Natural Science Elective

## Junior Year

### Fall Semester

- COMM 264: Persuasion
- COMM 329: Comm Research (Quant. Flag)
- COMM 360: Advanced Organizational Comm.
- General Elective
- General Elective

### Spring Semester

- COMM 209: Group Dynamics (Diversity Flag)
- COMM ST. ELECTIVE B: (323, 324, 385 or 433)
- Humanities Elective
- General Elective
- General Elective

## Senior Year

### Fall Semester

- COMM 301: Presentational Speaking
- ERS Elective
- General Elective
- General Elective
- General Elective

### Spring Semester

- COMM 469: Comm Studies Senior Seminar
- CORE 499: CORE Capstone Reflection
- General Elective
- General Elective

- General Elective
- General Elective

## Note(s):

- A 2.000 cumulative average must be attained in the communication arts courses of the major.

## Digital Innovation, Film and Television, B.A.

The Digital Innovation, Film and Television program cultivates students to become responsible, adaptable, and innovative leaders in a complex and rapidly converging digital environment. With a concentration on digital media production and the art of visual storytelling, we endeavor to prepare students through hands-on learning, cross-disciplinary study, team building, and community engagement. Digital Innovation, Film and Television prepares graduates for careers in the creative and corporate digital environments of film, television, broadcasting, producing, multimedia, content creation and in technology areas that are emerging.

## Requirements for the Digital Innovation, Film and Television major

### Core Curriculum Requirements

See Undergraduate Core Curriculum , including:

- CSCI 170 (For SAI Students)(Math Core)

### Major Requirements

36 credit hours, as follows

27 hours from:

- COMM 206 - Writing for the Media
- DIFT 210 - Art of Film
- DIFT 213 - Non-Fiction Film
- DIFT 215 - Aesthetics & Tech of Post Prod
- DIFT 250 - Screenwriting & Story Craft
- DIFT 254 - Intro to Video Production
- DIFT 354 - Field Prod and Story Telling
- DIFT 459 - Senior Sem in EMED Adv Prod I
- DIFT 460 - Senior Sem in DIFT Adv Prod II

6 hours of Elective A

Select 2 courses from:

- ARTS 215 - Web Design
- COMM 237 - Elements of Copy & Design
- DIFT 340 - Audio Production
- DIFT 451 - Introduction to Video Graphics
- DIFT 454 - Advanced Video Editing
- ENGL 310 - Creative Writing: Fiction
- ENGL 318 - Creative Nonfiction
- INNV 101 - Create: Innovation Eng I

- THTR 120 - Acting I

## 3 hours of Elective B

Select 1 course from:

- COMM 209 - Group Dynamics
- COMM 211 - Media Literacy
- COMM 247 - Understanding New Media
- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- COMM 329 - Audience Survey & Research
- COMM 385 - Media, Democracy & the Public
- COMM 426 - Media Law & Policy
- DIFT 214 - Film Criticism
- DIFT 310 - The Horror Film
  
- MUSC 106 - Music In Film
- THTR 210 - Acting I

## Internship

DIFT majors are strongly encouraged but not required to complete an internship in their Junior or Senior year.

- DIFT 348 - Internship in DIFT I
- DIFT 458 - Internship in DIFT II

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## Notes

- A 2.000 cumulative average must be attained in the communication arts courses of each major.
- It is important that students work closely with their academic advisors in the choice of these electives.

## B.A. Digital Innovation, Film and Television

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### Fall Semester

- PHIL 100 - Ethics as Intro to Philosophy
- General Elective
- DIFT 210 - Art of Film
- Second Language I
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

### Spring Semester

- CSCI 170 - Computer Science I
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Social Science Elective
- Second Language II
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

## Sophomore Year

### Fall Semester

- COMM 206 - Writing for the Media
- DIFT 213 - Non-Fiction Film
- General Elective
- Scientific Perspectives elective
- PHIL 200 - Philosophical Perspectives

### Spring Semester

- Historical Perspectives elective
- DIFT 215 - Aesthetics and Tech Post-Prod
- Literature and Moral Imagination 205
- General elective
- Creative Perspectives elective

## Junior Year

### Fall Semester

- DIFT 250 - Screenwriting and Story Craft
- DIFT 254 - Intro To Video Production
- General elective
- Nat. Sci. elective
- Humanities elective

### Spring Semester

- DIFT 354 - Field Prod and Story Telling
- Theological Perspectives elective
- General elective
- General elective
- Major DIFT elective

## Senior Year

### Fall Semester

- DIFT 459 - SR Sem-Elect Media: Adv Prod
- Major course (E/RS elec.)
- General elective (Diversity Flag)
- Major DIFT elective
- General elective

## Spring Semester

- DIFT 460 - Sr Sem Elec Media Adv II
- Major DIFT elective
- Major DIFT elective
- General elective
- General elective

## Notes

- All students must elect one each of oral communications, quantitative reasoning and writing-intensive flagged courses; many of these are available within the core or major.

## Digital Media, B.A.

The Digital Media Major consists of 36 hours of coursework that builds on the courses already implemented in the Digital Media Minor by incorporating the 12-hour core shared by all majors in the Department of Communication (COMM 101, 123, 206 and 329), adopting the department's ethics course, and adding a capstone course that emphasizes research.

## Requirements for the Digital Media Major

### Core Curriculum Requirements

See Undergraduate Core Curriculum

including Mathematical Perspectives requirement of MATH 116 or MATH 156

### Major Requirements:

36 credit hours,

- COMM 101 - Oral Communication
- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 211 - Media Literacy
- COMM 221 - Introduction to Digital Media
- COMM 235 - Digital Design
- COMM 247 - Understanding New Media
- COMM 321 - Advanced Digital Media
- COMM 329 - Audience Survey & Research
- COMM 433 - Social Media Strategies
- COMM 477 - Strat Comm Ethics Society
- COMM 489 - Senior Seminar: Digital Media

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Digital Media

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- COMM 101 - Oral Communication
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- MATH 116 - Elementary Statistics
- CORE 100 - First Year Seminar
- CORE 101 - GOA
- Second Language Elective

### Second Semester

- COMM 123 - Intro To Comm and Media
- THEO 111 - Theological Foundations
- PHIL 100 - Ethics as Intro to Philosophy
- CORE 102 - GOA
- Historical Perspectives
- Second Language Elective

## Sophomore Year

### First Semester

- COMM 206 - Writing for the Media
- Creative Perspectives
- PHIL 200 - Philosophical Perspectives
- Social Science Elective
- Quantitative Reasoning Flag

### Second Semester

- COMM 211 - Media Literacy
- ENGL 205 - Literature & Moral Imagination
- Theology Perspectives (THEO 200 +)
- Scientific Perspectives
- Natural Science Elective

## Junior Year

### First Semester

- COMM 221 - Intro to Digital Media
- COMM 235 - Digital Design
- Diversity Flag
- General Elective
- General Elective

### Second Semester

- COMM 247 - Understanding New Media
- COMM 329 - Audience Survey & Research

- Writing Flag
- Humanities Elective
- General Elective

## Senior Year

### First Semester

- COMM 321 - Advanced Digital Media
- COMM 477 - Strat Comm Ethics Society
- General Elective
- General Elective
- General Elective

### Second Semester

- COMM 433 - Social Media Strategy
- COMM 489 - Digital Media Senior Seminar
- General Elective
- General Elective
- General Elective

## **Public Relations, B.A.**

The Public Relations major combines comprehensive theory and specific practical skills, in the context of a humanistic liberal education, to prepare students for public relations careers in the corporate, private nonprofit, and public sectors; or for a broad range of other careers that benefit from careful thinking and clear communication.

## Requirements

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

including Mathematical Perspectives requirement of MATH 116 or MATH 156

### Major Requirements:

36 credit hours, as follows

30 hours from:

- COMM 101 - Oral Communication
- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 211 - Media Literacy
- COMM 270 - Principles of Strategic Comm
- COMM 329 - Audience Survey & Research
- COMM 371 - Public Relations Writing
- COMM 372 - PR Cases and Planning



- COMM 477 - Strat Comm Ethics Society
- COMM 479 - SR Sem: PR Management

3 hours of Elective A, select 1 course from:

- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics

3 hours of Elective B, select 1 course from:

- COMM 247 - Understanding New Media
- COMM 264 - Persuasion
- COMM 301 - Presentational Speaking
- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- COMM 385 - Media, Democracy & the Public
- COMM 426 - Media Law & Policy

Note(s):

- A 2.000 cumulative average must be attained in the communication arts courses of the major.
- Since the major recommends certain courses as COMM electives, it is important that students work closely with their academic advisors in the choice of these electives.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Public Relations

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CORE 101 - Goa
- COMM 101 (OC Flag) or COMM 123
- English Composition or Rhetoric
- Second Language elective
- CORE 100 First-Year Seminar or THEO 111 Theological Foundations
- MATH 105 (Math at placement level) or MATH 116 (Math Perspectives)

Total (15)

#### Second Semester

- CORE 102 Goa
- COMM 101 (OC Flag) or COMM 123
- Historical Perspectives
- Second Language elective

- CORE 100 First-Year Seminar or THEO 111 Theological Foundations
- PHIL 100 Ethics as Introduction to Philosophy

Total (15)

## Sophomore Year

### First Semester

- Communication Course
- Creative Perspectives
- PHIL 200 Philosophical Perspectives
- Social Science elective
- Quantitative Reasoning Flag

Total (15)

### Second Semester

- COMM 206 (Writing Flag)
- ENGL 205 Literature & the Moral Imagination
- Theology Perspectives (THEO 200+)
- Scientific Perspectives
- Natural Science elective

Total (15)

## Junior Year

### First Semester

- Communication Course
- Communication Course
- Diversity Flag (COMM 323, 324 or other)
- E/R & S Focus Flag (COMM 477)
- General Elective

Total (15)

### Second Semester

- Communication Course
- Communication Course
- Humanities Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### First Semester

- Communication Course
- Communication Course

- General Elective
- General Elective
- General Elective

Total (15)

## Second Semester

- Communication Course
- General Elective
- General Elective
- General Elective
- General Elective

Total (15)

## Minors

### Advertising Minor

The advertising minor offers an understanding of the principles of advertising, creative concepts, and research.

18 total credit hours are required, as follows

12 hours from:

- COMM 270 - Principles of Strategic Comm
- COMM 329 - Audience Survey & Research
- COMM 332 - Media Strategies in Advtising
- COMM 430 - Creative Strategies Advrtsing

6 hours of electives (2 courses) selected from:

- COMM 235 - Digital Design
- COMM 237 - Elements of Copy & Design
- COMM 264 - Persuasion
- COMM 433 - Social Media Strategies
- COMM 477 - Strat Comm Ethics Society

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Communication Studies Minor

The communication studies minor focuses on communication processes within public and private organizations.

18 total credit hours are required, as follows:

9 hours from:

- COMM 101 - Oral Communication
- COMM 209 - Group Dynamics
- COMM 260 - Organizational Communication

9 hours of electives (3 courses) selected from:

- COMM 123 - Intro To Comm and Media
- COMM 207 - Interpersonal Communication
- COMM 264 - Persuasion
- COMM 301 - Presentational Speaking
- COMM 327 - Interpersonal Conflict Mgmt

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## **Digital Innovation, Film and Television Minor**

The Digital Innovation, Film and Television cultivate students to become responsible, adaptable, and innovative leaders in a complex and rapidly converging digital environment.

18 total credit hours are required, as follows:

12 hours from:

- COMM 206 - Writing for the Media
- DIFT 215 - Aesthetics & Tech of Post Prod
- DIFT 250 - Screenwriting & Story Craft
- DIFT 254 - Intro to Video Production

6 hours of electives (2 courses) selected from:

- COMM 209 - Group Dynamics
- COMM 211 - Media Literacy
- COMM 426 - Media Law & Policy
- DIFT 210 - Art of Film

- DIFT 213 - Non-Fiction Film
- DIFT 214 - Film Criticism
- DIFT 310 - The Horror Film
- DIFT 354 - Field Prod and Story Telling
- DIFT 451 - Introduction to Video Graphics
- MUSC 106 - Music In Film

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Digital Media Minor

The Digital Media Minor requires 18 hours of coursework that augments existing majors and minors in the Department of Communication Arts as well as students from outside the department. Students who complete the Digital Media minor will be able to define and apply theories of digital media, locate and assess arguments in digital media, interrogate the implications of digital media on communication, plan and produce digital content to serve a client's needs, and assess the effectiveness of digital content within strategic communication.

## Curriculum

18 credit hours, including:

- COMM 211 - Media Literacy
- COMM 221 - Introduction to Digital Media
- COMM 235 - Digital Design
- COMM 247 - Understanding New Media
- COMM 321 - Advanced Digital Media
- COMM 433 - Social Media Strategies

## Public Relations Minor

The public relations minor includes the study of the principles, audiences, ethics, and skills of public relations.

18 total credit hours are required, as follows:

15 hours from:

- COMM 101 - Oral Communication
- COMM 206 - Writing for the Media
- COMM 270 - Principles of Strategic Comm
- COMM 372 - PR Cases and Planning
- COMM 477 - Strat Comm Ethics Society

3 hours of electives (1 course) selected from:

- COMM 301 - Presentational Speaking
- COMM 371 - Public Relations Writing
- COMM 426 - Media Law & Policy

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

# Computer Science

The Department of Computer Science offers two degrees, the Bachelor of Science in Computer Science and the Bachelor of Arts in Computer Science, as well as a minor in Computer Science. In addition, the department offers a certificate in Applied Computation.

## Bachelor of Arts

### Computer Science, B.A.

The B.A. in Computer Science allows students room to pursue a second major combined with computer science. This encourages inter- and multi-disciplinary study, developing well-rounded students ready to contribute to an increasingly interdisciplinary world that utilizes computation.

The B.A. in Computer Science consists of 27 hours of computer science courses, MATH 225 and either a second major or a minor that is significantly distinct from the computer science degree.

## Requirements

### Required CSCI Courses

27 credit hours

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms
- CSCI 250 - Languages & Automata
- CSCI 260 - Software Engineering I
- CSCI 390 - Senior Seminar & Project BA students are strongly encouraged to create a project that integrates computer science with their second major or minor.

### Required MATH courses

3 credit hours

- MATH 225 - Foundations Of Higher Math

### Required second area of concentration

- Students must complete at least 18 additional credit hours as follows:
  - A second major consisting of at least 18 credits that do not double count towards the Computer Science BA
  - A minor consisting of at least 18 credits that do not double count towards the Computer Science BA

- A minor consisting of 15 credits that do not double count towards the Computer Science BA plus an additional CSCI Elective from CSCI 210-390

## Note(s):

- Students with math placement below ADV will take CSCI 160 - Mathematical Thinking for CSCI
- We recommend MATH 156 General Statistics; schedule permitting
- A 2.000 cumulative average must be attained in the computer science courses (exclusive of CSCI 160).
- Students are required to fulfill the current senior comprehensive requirements.

## Curriculum

### Freshman Year

#### Fall Semester

- CSCI 170 Computer Science I
- ENGL 101 English Composition or ENGL 115 Rhetoric
- CSCI 160 Mathematical Thinking for CSCI (unless ADV placement)
- Second Language Elective
- THEO 111 Theological Foundations
- CORE 101 Goa

#### Spring Semester

- CSCI 180 Computer Science II
- MATH 225 Foundations of Higher Math
- Second Language Elective 2
- PHIL 100 Ethics as Intro to Philosophy
- CORE 100 First Year Seminar
- CORE 102 Goa 2

### Sophomore Year

#### Fall Semester

- CSCI 220 Data Structures & Algorithms
- 2nd major or minor
- Scientific Perspectives Lecture and Lab
- Theological Perspectives
- Literature & the Moral Imagination

#### Spring Semester

- CSCI 260 Software Engineering
- CSCI 250 Languages & Automata
- 2nd major or minor
- Philosophical Perspectives
- Natural Science Lecture and Lab

### Junior Year

## Fall Semester

- CSCI Elective
- 2nd major or minor
- Creative Perspectives
- Social Science Elective
- Historical Perspectives

## Spring Semester

- CSCI Elective
- 2nd major or minor
- 2nd major or minor
- General Elective or Oral Communication Flag
- E/RS Elective

## Senior Year

### Fall Semester

- CSCI 390 Senior Seminar and Project
- 2nd major or minor
- 2nd major or minor
- Diversity Core Requirement Elective
- Writing Flag Core Requirement

### Spring Semester

- CSCI Elective
- 2nd major or minor
- 2nd major or minor or CSCI Elective
- General Elective (possibly MATH 156 - General Statistics)
- Humanities Elective
- CORE 499

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Computer Science, B.A.**

Please select one of the following:

- Computer Science, B.A.
- Computer Science, B.A. with a Concentration in Cybersecurity

## **Computer Science, B.A. with a Concentration in Cybersecurity**

Xavier's Computer Science degree with a concentration in Cybersecurity is an interdisciplinary effort of the Departments of Computer Science and Business Analytics and Information Systems. The program provides the fundamentals of cybersecurity at the hardware, systems, and compliance levels. The program follows recommendations from the Joint Taskforce on Cybersecurity Education, convened by the Association for Computing Machinery (ACM), the IEEE Computer Society (IEEE CS), the Association for Information Systems Special Interest Group on Security (AIS SIGSEC), and the International Federation for Information Processing Technical Committee on Information Security Education (IFIP WG 11.8) to cover all of the fundamental knowledge units recommended by the National Security Agency / Department of Homeland Security for Centers of Academic Excellence in Cyber Defense.



# Requirements

In addition to the requirements for the Computer Science, B.A. major, the following courses are required for the concentration:

- MATH 156 Statistics or MATH 256 Introduction to Probability and Statistics
- BAIS 359 Hardware, Software, and Security
- BAIS 459 Introduction to Cyber Security
- CSCI 240 Systems Security Fundamentals
- CSCI 340 Networking
- CSCI 341 Network Vulnerabilities, Penetration, and Defense
- A CSCI course designated as a Cybersecurity Elective

## Curriculum

### Freshman Year

#### First Semester

- CSCI 170 Computer Science I
- ENGL 101 English Composition or ENGL 115 Rhetoric
- CSCI 160 Mathematical Thinking for CSCI (unless ADV placement)
- Second Language Elective
- THEO 111 Theological Foundations
- CORE 101 Goa

#### Second Semester

- CSCI 180 Computer Science II
- MATH 225 Foundations of Higher Math
- Second Language Elective 2
- PHIL 100 Ethics as Intro to Philosophy
- CORE 100 First Year Seminar
- CORE 102 Goa 2

### Sophomore Year

#### First Semester

- CSCI 220 Data Structures & Algorithms
- 2nd major or minor
- Scientific Perspectives Lecture and Lab
- Theological Perspectives
- Literature & the Moral Imagination

#### Second Semester

- CSCI 260 Software Engineering
- CSCI 250 Languages & Automata
- 2nd major or minor
- Philosophical Perspectives
- Natural Science Lecture and Lab

## Junior Year

### First Semester

- CSCI Elective
- 2nd major or minor
- Creative Perspectives
- Social Science Elective
- Historical Perspectives

### Second Semester

- CSCI Elective
- 2nd major or minor
- 2nd major or minor
- General Elective or Oral Communication Flag
- E/RS Elective

## Senior Year

### First Semester

- CSCI 390 Senior Seminar and Project
- 2nd major or minor
- 2nd major or minor
- Diversity Core Requirement Elective
- Writing Flag Core Requirement

### Second Semester

- CSCI Elective
- 2nd major or minor
- 2nd major or minor or CSCI Elective
- General Elective (possibly MATH 156 - General Statistics)
- Humanities Elective
- CORE 499

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Bachelor of Science**

### **Computer Science, B.S.**

Computer technology has revolutionized society's methods for processing information and making decisions. The growth in the use of computers has increased the demand for professionals in computer science. Typical computer careers include programming and application in such areas as accounting, engineering, law, mathematics, medicine, and the sciences. Other positions include research in computer science, computer design, computer product marketing and sales, technical writing, and teaching.

Xavier's program is designed to develop, within the framework of a liberal education, the knowledge, skills, and creative analytical ability required for a productive career in computer-related fields and for graduate work in computer science or other areas. Computer science students may elect to participate in a cooperative education experience. The cooperative education program is designed to complement students' classroom training in theoretical computer science by providing actual work experience in a real software engineering environment. In addition to gaining a deeper appreciation of classroom theory, students also make valuable professional contacts and learn more about career options in computer science.

# Requirements for the Computer Science Major, BS

## Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

### Sciences:

At least 8 hours in one science, chosen from the following four options:

- BIOL 160 - General Biology I and BIOL 161, General Biology I Lab
- BIOL 162 - General Biology II and BIOL 163, General Biology II Lab
- CHEM 160 - General Chemistry I and CHEM 161, General Chemistry I Lab
- CHEM 162 - General Chemistry II and CHEM 163, General Chemistry II Lab
- PHYS 160 - College Physics I and PHYS 161 - Introductory Physics I Lab
- PHYS 162 - College Physics II and PHYS 163 - Introductory Physics II Lab
- PHYS 170 - University Physics I and PHYS 161, Introductory Physics I Lab
- PHYS 172 - University Physics II and PHYS 163, Introductory Physics II Lab

### Mathematics:

6 hours from:

- MATH 225 - Foundations Of Higher Math
- MATH 156 - General Statistics
- MATH 222 - Applied Linear Algebra
- MATH 240 - Linear Algebra
- MATH 256 - Intro to Probability & Stats

## Major Requirements:

42 credit hours, as follows

### 36 hours of computer science courses:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 210 - Machine Org & Assembly Lang
- CSCI 220 - Data Structures & Algorithms
- CSCI 250 - Languages & Automata
- CSCI 260 - Software Engineering I
  
- CSCI 300 - Programming Languages
- CSCI 320 - Operating Systems
- CSCI 335 - Databases
- CSCI 340 - Networking
- CSCI 390 - Senior Seminar & Project

6 hours of computer science electives selected from:

- CSCI 200-397 (Refer to Course Descriptions) (includes co-op CSCI 395 Co-Op Education in Comp Sci)
- MATH 330 Graph Theory
- Three of the six hours of computer science electives must be from CSCI 210-390

### Note(s):

- Students with math placement below ADV will take CSCI 160 - Mathematical Thinking for CSCI
- MATH 180 - Differential Calculus is a pre-requisite for MATH 222, MATH 240, MATH 256, and PHYS 170
- A 2.000 cumulative average must be attained in the CSCI courses (exclusive of CSCI 160).
- Fulfill the current senior comprehensive requirements.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Computer Science

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CSCI 170 - Computer Science I
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- CSCI 160 Mathematical Thinking for CSCI (unless ADV placement)
- Second Language Elective I
- THEO 111 - Theological Foundations
- CORE 101 Goa 1

Total (15)

#### Second Semester

- CSCI 180 - Computer Science II
- MATH 225 - Foundations
- Second Language Elective II
- PHIL 100 - Ethics as Intro to Philosophy
- First Year Seminar
- CORE 102 Goa 2

Total (15)

### Sophomore Year

#### First Semester

- CSCI 220 - Data Structures & Algorithms

- MATH 156 General Statistics (or MATH 222/240/256)
- Scientific Perspectives
- Historical Perspectives
- ENGL 205 - Literature & Moral Imagination or CLAS 205 - Classical Lit & Moral Imagina&nbsp;or SPAN 205 - Hispanic Lit & Moral Imagin

Total (15)

## Second Semester

- CSCI 260 - Software Engineering
- CSCI 250 - Languages & Automata
- Theological Perspectives
- Philosophical Perspectives
- Creative Perspectives

Total (15)

## Junior Year

### First Semester

- CSCI 210 - Machine Org & Assembly Lang
- CSCI 261 Software Engineering II
- Major level Science/Lab (4)
- Social Science Elective
- Humanities Elective

Total (16)

### Second Semester

- CSCI 335 - Databases or CSCI 340 - Networking
- Major-level science/lab (4)
- E/RS Elective
- CSCI Elective (3)
- CSCI 300 Programming Languages (also core writing flag)

Total (16)

## Senior Year

### First Semester

- CSCI 320 - Operating Systems
- Computer Science Elective (3)
- General Elective (3)\*
- General Elective (3)\*
- General Elective (3)\*

Total (15)

### Second Semester

- CSCI 390 - Senior Seminar & Project (3) \*\*
- General Elective (3)\*
- General Elective (3)\*
- CSCI 335 - Databases or CSCI 340 - Networking

Total (12)

## Note(s):

\* Elective may need to be a flagged course fulfilling Diversity, E/RS requirement, Oral, Quantitative, or Writing requirement.

\*\* Students taking Senior Seminar and Project should contact the chair of the Computer Science Department one semester before enrolling in this course.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- \*\* Courses filling other core requirements may also fulfill the Diversity Curriculum Requirement.

## Computer Science, B.S.

Please select one of the following:

- Computer Science, B.S.
- Computer Science, B.S. with a Concentration in Cybersecurity

## Computer Science, B.S. with a Concentration in Cybersecurity

Xavier's Computer Science degree with a concentration in Cybersecurity is an interdisciplinary effort of the Departments of Computer Science and Business Analytics and Information Systems. The program provides the fundamentals of cybersecurity at the hardware, systems, and compliance levels. The program follows recommendations from the Joint Taskforce on Cybersecurity Education, convened by the Association for Computing Machinery (ACM), the IEEE Computer Society (IEEE CS), the Association for Information Systems Special Interest Group on Security (AIS SIGSEC), and the International Federation for Information Processing Technical Committee on Information Security Education (IFIP WG 11.8) to cover all of the fundamental knowledge units recommended by the National Security Agency / Department of Homeland Security for Centers of Academic Excellence in Cyber Defense.

## Requirements

In addition to the requirements for the Computer Science, B.S. major, the following courses are required for the concentration:

- MATH 156 Statistics or MATH 256 Introduction to Probability and Statistics
- BAIS 359 Hardware, Software, and Security
- BAIS 459 Introduction to Cyber Security
- CSCI 240 Systems Security Fundamentals
- CSCI 340 Networking
- CSCI 341 Network Vulnerabilities, Penetration, and Defense
- A CSCI course designated as a Cybersecurity Elective

## Freshman Year

### First Semester

- CSCI 170 Computer Science 1 (Math Perspectives)
- ENGL 101 English Composition
- CSCI 160 Mathematical Thinking for CSCI (unless ADV placement)
- Second Language 1
- CORE 100 First Year Seminar
- CORE 101 GOA 1

## Second Semester

- CSCI 180 Computer Science II
- THEO 111 Theological Foundation
- MATH 225 Foundations
- Second Language 2
- PHIL 100 Ethics as Intro to Philosophy
- CORE 102 GOA 2

## Sophomore Year

### First Semester

- CSCI 220 Data Structures & Algorithms (QR)
- Second Language 3 (if needed, else elective)
- Historical Perspectives
- MATH 156 General Statistics (or MATH 222/240/256)
- ENGL 205 Lit & the Moral Imagination

### Second Semester

- CSCI 250 Languages & Automata
- CSCI 260 Software Engineering
- BAIS 359 Hardware, Software, Security
- Theological Perspectives
- CSCI 240 System Security Fundamentals

## Junior Year

### First Semester

- CSCI 210 Machine Organization
- CSCI 261 Software Engineering II
- Major Level Science/Lab (Sci Perspectives)
- BAIS 459 Introduction to Cyber Security
- CSCI 340 Networking

### Second Semester

- CSCI 335 Databases
- CSCI 341 Network Vulnerabilities, Penetration, and Defense
- Major Level Science / Lab (Nat Sci Elective)
- CSCI 300 Programming Languages (also core writing flag)
- Philosophical Perspectives

## Senior Year

### First Semester

- CSCI 320 Operating Systems
- CSCI Cybersecurity Elective
- Humanities Elective
- Creative Perspectives
- Elective

### Second Semester

- CSCI 390 Senior Project
- Diversity Flag Elective
- Social Science Elective
- ERS Flag Elective
- Elective

## Minors

### Computer Science Minor

15 total credit hours are required, as follows:

9 hours from:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms

6 hours of electives selected from:

- CSCI 200-397 (Refer to Course Descriptions) (includes co-op CSCI 395 Co-Op Education in Comp Sci)
- MATH 330 Graph Theory
- Three of the six hours of computer science electives must be from CSCI 210-390

Note(s):

- A 2.000 cumulative average must be attained in the computer science courses (exclusive of CSCI 160).

### Cybersecurity Systems Minor

**This minor is for non-Computer Science majors only.**

The minor in Cybersecurity Systems is an interdisciplinary minor that facilitates the students' intellectual immersion into the core curriculum by providing cases for direct application of ethics, analysis, and technical skills, and requiring that the students be able to communicate about their analysis, conclusions, and recommended priorities. The



topics studied in cybersecurity expose students to questions of privacy rights, responsibility when security fails, ethics of storing data insecurely and of using one's skills to penetrate system defenses. The case studies experienced by students will require decisions and justifications that draw directly from the ethical frameworks they study in the core.

## Requirements:

- BAIS 359 Hardware, Software, and Security
- BAIS 459 Introduction to Cyber Security
- BAIS 357 Telecommunications and Networking
- CSCI 150 Scripting for System Administration
- CSCI 230 Socially Responsible Data Usage
- CSCI 234 Intrusion Detection, Prevention, and Reporting
- CSCI 237 Cybersecurity Planning and Management

## Note(s):

- Students must achieve an average GPA of 2.0 or better in the courses taken for the minor.

## Certificate

### Applied Computation Certificate

The Department of Computer Science offers the Certificate in Applied Computation. This certificate program is designed for students who are pursuing an undergraduate degree in a program other than computer science who wish to demonstrate proficiency in computational methods and problem solving.

## Requirements:

10 total credit hours, as follows:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms

## Note(s):

- A 2.000 cumulative average must be attained in these courses.
- At least half of these credit hours must be taken at Xavier. CSCI 290 must have been completed at Xavier.

### Computer Science Cybersecurity Certificate

The Computer Science Cybersecurity Certification requires post-baccalaureate standing. Students must earn an average GPA of 2.0 in 12 hours of cybersecurity courses.

## Requirements

- CSCI 540 Accelerated Security Fundamentals
- CSCI 340 Networking
- CSCI 341 Network Vulnerabilities, Penetration, and Defense

- CSCI Cybersecurity Electives to complete the remainder of 12 hours.

## Economics

The Department of Economics offers the Bachelor of Arts degree in Economics and a minor in Economics. Also offered, in conjunction with the Modern Languages Department, is a Bachelor of Arts degree in Modern Languages & International Economics - see Classics and Modern Languages for details. Note: Economics is also available as a major and minor in the Williams College of Business.

### Bachelor of Arts

### Economics, B.A.

A degree in Economics provides the student with an understanding of economic issues pertaining to individual firms, industries, the public sector, and the overall economy. The study of economics, supported by the knowledge of Mathematics and Statistics, emphasizes both analytic reasoning and a thorough knowledge of economic institutions. Economics majors analyze such topics as optimal decision-making, consumer welfare and distribution of income, market efficiency, inflation, unemployment, international trade, financial markets, forces of globalization, and governmental economic activity. The program has proven useful to people who have moved into positions in many of the functional areas of business and government. It is also excellent training for graduate study in business, in law, and in economics itself.

### Requirements for the Economics Major

#### Core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including

#### Mathematics:

- MATH 150 - Elements of Calculus I or
- MATH 170 - Calculus I

#### Major Requirements:

33 credit hours, (36 credit hours starting Fall 2016)

#### 18 hours from:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- STAT 211 - Statistics For Business II

#### 15 hours of economics electives:

- Must include 6 hours of ECON courses at the 400 level.

## Required Capstone Project\*

\*All economics majors are required to take Capstone Project Each student must orally present a paper written in a 400-level economics course to a forum established by the department. Currently, Capstone Project is listed as ECON 491 which carries 0 credit. Starting Fall 2016, Capstone Project (ECON 492 and 493 combined) will be a 3 credit hour course split into ECON 492 and 493.

## Note(s):

- A 2.000 cumulative average must be attained in the above courses.
- Computer competency required. Tutorials are available for students who are deficient in basic computing skills.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Economics

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- MATH 150 - Elements of Calculus I
- Second Language Elective
- First Year Seminar
- PHIL 100 - Ethics as Intro to Philosophy
- ENGL 115 - Rhetoric

Total (15)

#### Second Semester

- ECON 200 - Microeconomic Principles
- ENGL 205 - Literature & Moral Imagination
- THEO 111 - Theological Foundations
- Second Language Elective
- Scientific Perspectives

Total (15)

### Sophomore Year

#### First Semester

- ECON 201 - Macroeconomic Principles
- STAT 210 - Statistics For Business I
- Natural Science Elective
- Diversity Flag
- BAIS 200 - Managing Information Technology

Total (15)

## Second Semester

- STAT 211 - Statistics For Business II
- Historical Perspectives
- Philosophical Perspectives
- E/RS Elective
- General Elective

Total (15)

## Junior Year

### First Semester

- ECON 305 - Microeconomic Analysis
- Economics Elective
- Creative Perspectives
- Theological Perspectives
- General Elective

Total (15)

### Second Semester

- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- Humanities Perspectives
- Writing Intensive Flag
- General Elective

Total (15)

## Senior Year

### First Semester

- ECON 492 - Capstone Experience in Economics I
- Economics Elective
- Economics Elective
- General Elective
- General Elective
- General Elective

## Second Semester

- ECON 493 - Capstone Experience in Economics II
- Economics Elective
- Economics Elective
- General Elective
- General Elective
- General Elective

## Note(s):

\* At least six hours of economics electives must be in the 400- level courses.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.

## Economics, B.A.

Please select one of the following:

- Economics, B.A.
- Economics, B.A. with a Concentration in Mathematics

## Economics, B.A. with a Concentration in Mathematics

Undergraduate majors in both Economics and Mathematics consider graduate programs in Economics or related fields. In order to be accepted into such graduate programs, an undergraduate degree in one of those disciplines is typically required, and extensive and specific training in the other is also needed. This program combines the requirements of a degree in Economics with specific coursework in Mathematics suited for a potential graduate student. Additionally, students who may not pursue a graduate degree program are likely to find the program more marketable for post-graduation.

## Requirements for the Economics major with concentration in Mathematics

### Core Curriculum Requirements:

Undergraduate Core Curriculum

### Economics Major Requirements:

39 (40) credit hours if taking MATH 150 or MATH 170

- MATH 150 - Elements of Calculus I OR
- MATH 170 - Calculus I
  
- BAIS 210 - Quantitative Methods

- BAIS 211 - Intro to Business Analytics
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic

## Mathematics Concentration Requirements:

15 credit hours

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Multivariable Calculus
- MATH 225 - Foundations Of Higher Math

## Three Electives from the following:

9 credit hours

- MATH 240 - Linear Algebra
- MATH 340 - Abstract Algebra I
- MATH 360 - Elementary Topology
- MATH 370 - Real Analysis
- MATH 230 - Intro to Ordinary Diff Equat
- MATH 311 - Probability Theory

**TOTAL: 24 credit hours**

## NOTES:

\* Students who enter the program early should take MATH 170 instead of MATH 150 to avoid duplication of coursework.

ECON 491 requires a sole-authored research project in Economics. This project should satisfy the department's ordinary requirements, while also demonstrating evidence of the student's Mathematics concentration.

Without MATH 150, this program requires 60 credit hours. With overlaps in the core, the degree requires a minimum of 111 credit hours.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## Minors

### Economics Minor

The Department of Economics and Human Resources offers the minor in Economics.

This minor is available to business and non-business undergraduate students.

15 total credit hours are required, as follows:

6 hours of economics:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

3 hours:

- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis

6 hours of upper division electives, select from:

- ECON 300-499 (Refer to Course Descriptions.)  
(except WCB students may not count ECON 300 in the minor).

Note(s):

- A 2.000 cumulative average must be attained in the courses of the minor.
- At least half of these credit hours must be taken at Xavier.

## English

The Department of English offers the Bachelor of Arts and Associate of Arts in English degrees. Also offered are minors in English and Writing.

### Bachelor of Arts

#### English, B.A, with a Writing Concentration

Students who pursue the English B.A. with Writing Concentration will have the ability to focus more deeply on studying, practicing, and researching writing through specialized courses. Students with the Writing Concentration will have significantly more experience with a broad writing curriculum by the time they complete the program.

#### Requirements for the English Major with a Writing Concentration

#### Core Curriculum Requirements

48-63 Credit Hours dependent on courses taken. See Undergraduate Core Curriculum

## Major Requirements:

36 credit hours

### Required Courses (27 credit hours)

- ENGL 115 - Rhetoric
- ENGL 305 - Professional Writing (Writing Flag/Oral Flag)
- ENGL 499 - Senior Seminar

### Electives (9 credit hours)

- ENGL 301 - Expos/Research Writing
- ENGL 309 - Creative Writing: Poetry
- ENGL 310 - Creative Writing: Fiction
- ENGL 314 - Writing Journals&Autobiography
- ENGL 315 - Composition Tutoring (Writing Flag/Diversity Flag)
- ENGL 318 - Creative Nonfiction
  
- COMM 206 - Writing for the Media
- COMM 237 - Elements of Copy & Design
  
- COMM 371 - Public Relations Writing

## English B.A. with Writing Concentration

### Freshman Year

#### Fall Semester

- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language
- Mathematical Perspectives
- CORE101

#### Spring Semester

- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- PHIL 200 - Philosophical Perspectives
- Literature and the Moral Imagination
- Second Language
- Historical Perspectives
- CORE 102

### Sophomore Year

#### Fall Semester



- ENGL 210 - Methods Workshop
- Scientific Perspectives
- Theological Perspectives (200+ level)
- Quantitative Reasoning Flag
- General Elective

## Spring Semester

- Theories/Research in Writing
- Language/Linguistics
- Natural Science
- Social Science
- E/RS Elective

## Junior Year

### Fall Semester

- Professional Writing
- English Literature Elective
- Creative Perspectives
- General Electives (6 hours)

### Spring Semester

- Writing Elective
- English Literature Elective
- Diversity Flag
- General Electives (6 hours)

## Senior Year

### Fall Semester

- Writing Elective
- English Literature Elective
- General Electives (9 hours)

### Spring Semester

- ENGL 499 - Senior Seminar
- Writing Elective
- General Electives (9 hours)
- CORE 499

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

**English, B.A.**

The major in English is designed to develop writing skills, a critical and historical understanding of the English language and its literature, and a knowledge of current theories of literature, language, and humanistic interpretation. The English major is an excellent preparation for law school and for careers in education, journalism, editing, publishing, and other communications fields. It is also a fine preparation for a variety of business careers and for graduate school in business and, with appropriate science courses, for medical school.

## Requirements for the English Major

### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

### Major Requirements:

36 credit hours, as follows

#### 12 hours from:

- ENGL 115 - Rhetoric
- ENGL 210 - Methods Workshop
- ENGL 221 - Poetry
- ENGL 499 - Senior Seminar

#### 6 hours from:

One course each from the following areas:

#### Theory or Criticism

- ENGL 302 - Modern Literary Theory
- ENGL 303 - History of Literary Criticism
- ENGL 337 - Theories & Research in Writing
  
- ENGL 366 - Feminist Theory

#### Language or Linguistics

- ENGL 320 - Topics in Linguistics
- ENGL 321 - Hist of the English Language
- ENGL 322 - Ethnolinguistics
- ENGL 323 - Media and Its Discourses
  
- ENGL 328 - Gender, Religion and Violence

#### 9 hours from:

Take one course from THREE of the four areas:

## Pre-1800 British Lit

- ENGL 368 - British Women Writers
- ENGL 376 - Lit and the Arts In Britain
- ENGL 410 - Chaucer: The Canterbury Tales
- ENGL 411 - Medieval Women's Writing
- ENGL 415 - Early English Literature
- ENGL 425 - Shakespeare
- ENGL 429 - Renaissance Drama
- ENGL 430 - 17th Century Literature
  
- ENGL 435 - Milton
- ENGL 441 - 18th Cent British Literature
- ENGL 465 - 18th C Novel: Behn to Austen

## Post-1800 British Lit

- ENGL 364 - Jane Austen: Then & Now
- ENGL 375 - Literature & Arts in Ireland
- ENGL 414 - Tolkien
- ENGL 450 - British Romantic Literature
  
- ENGL 460 - Love, Sex, Gender: Vict Poetry
- ENGL 462 - Victorian Writing
- ENGL 463 - Victorian Poetry and Poetics
- ENGL 464 - Engl Novel: Dickens to Conrad
- ENGL 470 - Modern British Literature
- ENGL 475 - Modern Irish Literature

## Pre-1900 American Lit

- ENGL 358 - Black America Since 1865
  
- ENGL 468 - Transatlantic Literature
  
- ENGL 480 - Amer Renaissance: 1830-1865
- ENGL 481 - American Realism: 1865-1915
- ENGL 485 - American Gothic Literature
- ENGL 488 - Humor in American Literature
- ENGL 489 - American Minority Literature

## Post-1900 American Lit

- ENGL 351 - Jewish American Literature
- ENGL 479 - Literature of the America West
- ENGL 482 - Modern American Fiction
- ENGL 483 - Modern American Poetry
- ENGL 484 - African-American Literature
- ENGL 486 - Contemporary Amer Fiction
- ENGL 487 - Contemp American Poetry

## 9 hours of:

- Take three other upper level English courses (ENGL 300-498) (Refer to Course Descriptions)

## Note(s):

- A 2.000 cumulative average must be attained in these English courses.

- Undergraduates who wish to be certified as teachers of English on the secondary level are advised to consult with the Chair of the English Department and with the Office of Teacher Education and Placement regarding specific requirements for teacher certification.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

### B.A. English

This block serves as a guideline for progress toward a degree. See your academic advisor.

#### Freshman Year

##### First Semester

- ENGL 115 - Rhetoric \*
- CORE 101
- Second Language I
- PHIL 100 - Ethics as Intro to Philosophy
- Mathematical Perspectives core elective
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

Total (15)

##### Second Semester

- ENGL 205 - Literature & Moral Imagination
- Historical Perspectives core elective
- Second Language II
- Philosophical Perspectives (PHIL 200)
- CORE 102
- THEO 111 - Theological Foundations or CORE 100

Total (15)

#### Sophomore Year

##### First Semester

- ENGL 210 - Methods Workshop
- Scientific Perspectives core elective
- Creative Perspectives core elective†
- Theological Perspectives core elective (200+ level)
- Quantitative Reasoning flag

Total (15)

##### Second Semester

- ENGL 221 - Poetry
- Theory/Criticism major elective
- Natural Science core elective
- Humanities core elective†
- Social Science core elective

Total (15)

## Junior Year

### First Semester

- British Literature major elective
- American Literature major elective
- Oral Communications flag†
- E/RS core elective†
- General elective

Total (15)

### Second Semester

- British or American Literature major elective
- Language/Linguistics major elective
- Diversity flag†
- General elective
- General elective

Total (15)

## Senior Year

### First Semester

- English major elective
- English major elective
- Writing Intensive flag†
- General elective
- General elective

Total (15)

### Second Semester

- ENGL 499 - Senior Seminar
- General Elective
- General Elective
- General Elective
- English major elective
- CORE 499

Total (15)

## Scheduling Notes:

\* These required courses in the Undergraduate Core Curriculum may be fulfilled with approved English courses.

† These electives or flags in the Undergraduate Core Curriculum may be fulfilled with approved English courses.

## English, B.A.

Please select one of the following:

- English, B.A.
- English, B.A, with a Writing Concentration

## Associate of Arts

## English, A.A.

## Core Curriculum Requirements:

See Undergraduate Core Curriculum

## Concentration Requirements:

15 credit hours, as follows:

6 hours from:

- ENGL 115 - Rhetoric
- ENGL 221 - Poetry

9 hours of upper-level electives:

- ENGL 300-498 (Refer to Course Descriptions), including one course each in British literature and American literature.

## Note(s):

- A 2.000 cumulative average must be attained in the English courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

### **Minors**

#### **English Minor**

18 total credit hours are required, as follows:

9 hours from:

- ENGL 115 - Rhetoric
- ENGL 210 - Methods Workshop
- ENGL 221 - Poetry

9 hours of upper-level electives:

- ENGL 300-498 (Refer to Course Descriptions), including one course each in British literature and American literature.

Note(s):

- A 2.000 cumulative average must be attained in the English courses.

#### **Writing Minor**

The Writing Minor is an 18 credit curriculum requiring two introductory courses and four electives drawn from Communication Arts and English Department courses. See the English Department Chair for more information.

18 total credit hours are required, as follows

6 hours from:

- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric
- COMM 206 - Writing for the Media

12 hours of upper-level electives from:

- COMM 237 - Elements of Copy & Design
- COMM 371 - Public Relations Writing
- COMM 398 - Communication Internship I (with a writing emphasis, as approved by the Communication Arts internship director)
  
- ENGL 307 - Humanities Internship
- ENGL 309 - Creative Writing: Poetry
- ENGL 310 - Creative Writing: Fiction
- ENGL 314 - Writing Journals&Autobiography
- ENGL 315 - Composition Tutoring
- ENGL 318 - Creative Nonfiction
- ENGL 319 - Writing as Social Action
- ENGL 337 - Theories & Research in Writing
- ENGL 339 - Digital Writing

Note(s):

- A 2.000 cumulative average must be attained in English/Communication Arts courses.

## History

The Department of History offers the Bachelor of Arts and the Associate of Arts degrees in History. Also offered is a minor in History.

### Bachelor of Arts

#### History, B.A.

The History major provides an excellent foundation for careers in business, education, law, and public service. The study of history enables students to find and evaluate a wide variety of information and develops analytic and critical skills. The study of history also encourages students to examine closely the institutions, ideas, and systems that shape our world. Requirements for the history major broaden students' understanding of other cultures and their historical interconnections, and thereby sharpen the skills essential to all historical inquiry. History makes a unique contribution to a liberal education. It requires the attainment of a sympathetic appreciation of events and developments seen, not in isolation, but as part of a complex process. The study of history is compatible with any minor, including business, to prepare students for success in their career and professional choices.

#### Requirements for the History Major

##### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

##### History Requirement:

- Included within the major.



## Major Requirements:

36 credit hours, as follows

3 hours of Historical Perspectives \*

6 hours with completion of one of the following survey course sequences:

- HIST 105 and 106
- HIST 123 and 124
- HIST 133 and 134
- HIST 143 and 144
- HIST 151 and 152
- HIST 161 and 162
- HIST 200 and 201
- HIST 247 and 248

\* Students can satisfy Historical Perspectives by taking 9 hours of survey courses.

21 hours of additional electives from HIST 200-399:

- HIST 200-399 (Refer to Course Descriptions.)

6 hours of two seminars from HIST 400-498:

- HIST 400-498 (Refer to Course Descriptions.)

Also included must be two courses each, at any level, in:

- (1) U.S., (2) European, (3) African, Asian, or Latin American history.

Note(s):

- A 2.000 cumulative average must be attained in these history courses.

## Public History Concentration

History majors have the option to add a concentration in Public History by completing the following additional courses.

- HIST 290 - Introduction to Public History
- HIST 415 - Practicum in Public History

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

**B.A. History**

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- Science Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or First Year Seminar
- Historical Perspectives Elective
- Scientific Perspectives Elective
- Second Language I

Total (15)

### Second Semester

- Foreign Language Elective (3)
- Science Elective (3)
- THEO 111 - Theological Foundations or First Year Seminar
- PHIL 100 - Ethics as Intro to Philosophy
- Creative Perspectives Elective
- Second Language I
- Mathematical Perspectives Elective

Total (15)

## Sophomore Year

### First Semester

- History Sophomore Colloquium
- History Survey I
- Lit. & Moral Imagination
- Social Sciences Elective
- Theological Perspectives Elective

Total (15)

### Second Semester

- History Elective
- History Survey II
- Natural Science Elective
- Philosophical Perspectives Elective
- General Elective

Total (15)

## Junior Year

## First Semester

- History Elective
- History Elective
- E/RS Elective
- General Elective
- General Elective

Total (15)

## Second Semester

- History Elective
- History Elective
- General Elective
- General Elective
- General Elective

Total (15)

## Senior Year

### First Semester

- History Elective
- History Seminar
- General Elective
- General Elective
- General Elective

Total (15)

### Second Semester

- History Seminar
- General Elective
- General Elective
- General Elective
- General Elective

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Students may satisfy diversity-, writing-, oral-, and quantitative-flag courses in the history department, but are not required to do so.

## Associate of Arts

## **History, A.A.**

### **Core Curriculum Requirements:**

See Undergraduate Core Curriculum

### **Concentration Requirements:**

15 credit hours, as follows:

3 hours of history courses from:

- HIST 134 - European History II or
- HIST 144 - U.S. History II continuation of core course.

12 hours of electives chosen from:

- HIST 200-399 (Refer to Course Descriptions.)

### **Note(s):**

- A 2.000 cumulative average must be attained in these courses for the history concentration.

## **Requirements for all Associate's Degrees**

See Requirements for Degrees, Majors, Minors, and Certificates

## **Minors**

### **Asian Studies Minor**

The Asian Studies Minor is designed to build a deep knowledge of and appreciation for the peoples and cultures of Asia. Students will gain intermediate competency in an Asian language and learn about Asia from a variety of perspectives (e.g. historical, cultural, religious) and broaden their global perspective with insight into the diverse world of Asia.

24 total credit hours are required, as follows

Four language courses in the same language

12 credits

- CHIN 101 - Elementary Chinese I
- CHIN 102 - Elementary Chinese II
- CHIN 201 - Intermediate Chinese I
- CHIN 202 - Intermediate Chinese II

- JAPN 101 - Elementary Japanese I
- JAPN 102 - Elementary Japanese II
- JAPN 201 - Intermediate Japanese I
- JAPN 202 - Intermediate Japanese II

## One from

3 credits

- HIST 161 - Asian History I
- HIST 162 - Asian History II

## One other 200, 300, or 400 level HIST course

3 credits

## One from

3 credits

- THEO 342 - World Religions
- THEO 343 - Dialogue Among World Religions
- THEO 368 - Buddhism
- THEO 374 - Buddhist Christian Exploration

## One elective from HIST, THEO or other approved course

3 credits

## Notes

The minimum credit hours for the Asian Studies minor is 18.

If a student transfers in credit for a course or courses in an Asian language, the language requirement for the minor will be adjusted based on the student's level of proficiency, which will be determined by the language instructor. Students whose first language is an Asian language and students with intermediate Asian language proficiency (202) transfer credit will take an additional 6 hours of approved coursework for a total of 18 hours in the minor. Students who transfer proficiency through 201 will take the 202 language course and an additional three hours of approved coursework for a total of 18 hours in the minor.

## History Minor

18 total credit hours are required, as follows:

## 3 hours of Historical Perspectives

### 12 hours of electives from:

- HIST 105 - World Civilizations I
- HIST 106 - World Civilizations II
- HIST 133 - European History I
- HIST 134 - European History II
- HIST 143 - U.S. History I
- HIST 144 - U.S. History II

### 3 hours of seminar from:

- HIST 400-498 (Refer to Course Descriptions.)

### Note(s):

- Students must include at least one course, at any level, from any two of the following areas: .
  - (1) U.S., (2) European, (3) African, Asian, or Latin American history
- A 2.000 cumulative average must be attained in these courses for the minor.

## Public History Minor

Public History is the research and presentation of history specifically for popular consumption. Public historians are found in museums, historical sites, archives, non-profits, and digital ventures. While public historians utilize the skills of the historical discipline, they apply them directly to public ends, including education, policymaking, and preservation. A minor in Public History helps students succeed in mastering research, analysis, and presentation skills and better understand how those skills can be translated into satisfying employment and lifelong learning.

### 20 credit hours, as follows:

- HIST 290 - Introduction to Public History
- DIFT 104 - Video Production Non-Electronic Media or ARTS 215 - Web Design
- HIST 415 - Practicum in Public History
- HIST 416 - Public History & Communities
- HIST 448 - Internship in Public History I
- HIST 449 - Internship in Public History II
- 6 hours of HIST electives selected in consultation with advisor

## Honors

The tradition of honors studies at Xavier dates back more than 50 years.

Small class sizes, interdisciplinary coursework, foreign study and a community of fellow students and teachers characterize the programs. Though each has a unique focus and emphasis, honors programs allow students to pursue a traditional liberal arts curriculum embracing the humanities, the natural sciences and the social sciences. Infused throughout is the centuries-old Jesuit emphasis on intellectual values and ethics.

Admission is competitive. Students who are accepted take the same core curriculum expected of all Xavier students, though at an honors level and with additional requirements.

## Honors Bachelor of Arts

# Philosophy, Politics and the Public, Honors Bachelor of Arts

The Philosophy, Politics & the Public Program brings together many of Xavier's traditional curricular strengths in an innovative and rigorous undergraduate honors program of study focusing on the unifying concept of "the public sphere" in democratic societies. The program is inspired by the Philosophy, Politics & Economics programs commonly found in the British university system, but differs from them by placing greater emphasis upon philosophical conceptions and historical context. The approach taken by this honors program is expressed in the meanings of the several conceptions identified in its very name. In its original meaning, philosophy denotes "the love of wisdom." Aristotle, one of the greatest and most influential philosophers of the western tradition, defined politics as "the master science of the good." "The public" represents a multi-dimensional domain of shared consciousness, ideals and action. Through course work that is both multi-disciplinary as well as centered in a particular disciplinary concentration, students are encouraged to follow their own interests in the theoretical engagement of the public in its many embodiments and meanings. In addition, the theoretical work in the program is complemented by engagement in the active world of politics through working on political campaigns, lobbying of behalf of legislation, internships in local and national government offices and international study.

## Philosophy, Politics and the Public Curriculum

### Course Requirements

48 Credit Hours

- PHIL 100 - Ethics as Intro to Philosophy (dedicated PPP section)
- PHIL 200 - Philosophical Perspectives (dedicated PPP section)
- PPUB 200 - Power and the Public
  
- ECON 200 - Microeconomic Principles
- ENGL 115 - Rhetoric
  
- ECON 201 - Macroeconomic Principles
- MATH 156 - General Statistics
- HIST 362 - Global Cultures & Publics
- ECON 307 - Empirical Analysis In Economic
- PPUB 400 - Senior Supervision

### Block Schedule

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- PHIL 100 Ethics as Intro to Philosophy
- ENGL 115 Rhetoric
- Language I
- Historical Perspectives (International or non-Western focus)
- First Year Seminar

#### Second Semester

- PHIL 200 Philosophical Perspectives
- PPUB 200 Power and the Public (Diversity Flag )
- Language II
- THEO 111 Theological Perspectives
- ECON 200 Microeconomic Principles (Social Science Elective)

## Sophomore Year

### First Semester

#### Power and Politics Block

- HIST 408 Constructing the Public (Seminar)
- PPUB 210 Campaigns, Politics, and Media
- MATH 156 - General Statistics (Math Perspectives)
- Lit and the Moral Imagination
- Theological Perspectives

#### Civil Society and Government Block

- PPUB 246 Civil Society and Government (Oral Flag )
- One additional course from ECON, HIST, PHIL, POLI, PPUB, or SOCI
- MATH 156 - General Statistics (Math Perspectives)
- Lit and the Moral Imagination
- Theological Perspectives

### Second Semester

#### Power and Politics Block

- HIST 300 Writing in Public (Writing Flag)
- PPUB 211 Public Policy Practice or POLI 328 Legislative Practice
- ECON 201 Macroeconomic Principles
- Scientific Perspectives + Lab
- Creative Perspectives

#### Civil Society and Government Block

- PPUB 211 Public Policy Practice or POLI 328 Legislative Practice (Writing Flag)
- One additional course from ECON, HIST, PHIL, POLI, PPUB, or SOCI
- ECON 201 Macroeconomic Principles
- Scientific Perspectives + Lab
- Creative Perspectives

## Junior Year

### First Semester

- PHIL 336 Liberalism or PHIL 338 Enlightenment and Revolution
- HIST 362 Global Cultures and Publics (Humanities Elective)
- ECON 307 Empirical Analysis in Economics (Quantitative Reasoning Flag)
- 2 Free Electives

### Second Semester

- PHIL 337 Responses to Liberalism or PHIL 339 Revolution and its Aftermath
- Natural Science Elective
- 3 Free Electives

## Summer

Option: Study Abroad Trip

## Senior Year



## First Semester

- PPUB 400 PPP Senior Supervision
- 4 Free Electives

## Second Semester

- PPUB 401 PPP Senior Seminar
- 4 Free Electives

## Graduation Requirement

The HAB in Philosophy, Politics and the Public requires a 3.2 GPA to graduate.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## Honors Bachelor of Science

### Data Science, Honors Bachelor of Science

Xavier's Data Science Honors program is an interdisciplinary effort of the Departments of Business Analytics and Information Systems, Computer Science, and Mathematics. Data scientists are trained to combine their skills in analytics, computer science, mathematics, and statistics to transform sizable and convoluted data into understandable results that can be used to make intelligent decisions. In addition, data scientists are expected to use, distribute, and interpret data in an ethical fashion. This program provides an integrative curriculum with interdisciplinary data science courses, technical skills, and a series of experiences that will challenge students to apply their knowledge in ways that serve the community and address issues in society.

This cohort-based honors program introduces the analytical and real-world needs of data science. It includes a heavy course load in computer science, mathematics, and statistics designed to introduce strong STEM students to the computational and analytical skills needed to build models and tools in data science; incorporates specific experiences using skills from those areas in applied projects that incorporate community-engaged learning; and includes intentional reflection on ethics and privacy in the use of these skills.

## Course Requirements

### Data Science Courses

68 credit hours

- BAIS 329 - Data Mining
- BAIS 362 - Intro Analytics Programming
- BAIS 365 - Business Analytics
- BAIS 389 - Data Visualization
- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms
  
- CSCI 335 - Databases
- CSCI 350 - Advanced Algorithms & Theory
  
- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 222 - Applied Linear Algebra
- MATH 256 - Intro to Probability & Stats

- MATH 257 - Data Modeling
- MATH 311 - Probability Theory
- MATH 312 - Statistical Inference

## Required STEM Courses

- Three courses at the major level in a STEM Domain Area of student's choice.

## Graduation Requirement

The Honors B.S. degree requires students to achieve an average GPA of 3.0 or better in the courses taken for the major. (Students completing all other graduation requirements will be awarded the B.S. in Data Science degree. The B.S. in Data Science degree is not available any other way.)

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## Interdisciplinary Programs

Xavier University offers a number of programs which are interdisciplinary in nature, with curriculums which cross academic departments and colleges.

## Sustainability

Xavier offers four interdisciplinary majors specifically focused on the subject of sustainability. These include the Bachelor of Arts in Land, Farming and Community; the Bachelor of Arts in Economics, Sustainability and Society; the Master of Arts in Urban and Regional Sustainability and Resilience, all offered through the College of Arts and Sciences and the BSBA in Sustainability: Economics and Management, B.S.B.A. offered through the Williams College of Business.

Both political and religious leaders recognize the importance of promoting sustainability as part of policy, law, business practice, and daily life if we are to protect our planetary home and the welfare of future generations. Students in the Sustainability programs will be prepared to develop sustainable practices and policies in business, non-profits, and government agencies by integrating the study of business and economic principles with ecological and environmental processes. Land students will focus on the science and art of agriculture including food production and distribution within the context of a Jesuit education. All programs involve experiential educational experiences including field trips, practicums, internships, and capstone projects with organizations in the community. The Master of Arts prepares graduates to tackle issues in urban sustainability by bringing together students and faculty from the fields of business, environmental science, public policy, and urban planning and design.

## Bachelor of Arts

### **Economics, Sustainability and Society, B.A.**

The Bachelor of Arts in Economics, Sustainability and Society is focused on sustainable economies, and includes the study of natural resources, ecological and environmental problems, processes, and policies at local, national and global levels. Students will integrate economic analysis (encompassing attention to questions of efficient allocation, just distribution, and sustainable scale) with cultural studies, global economic development, policy studies, and management through a series of required and elective courses related to economic sustainability in society, organizations and the economy.

## Requirements for the Economics, Sustainability and Society Major

## Core Curriculum

- Consult the Undergraduate Core Curriculum requirements of the Catalog.

## Major Requirements

- 42 hours, including:
- ECON 305 - Microeconomic Analysis
- ECON 320 - Natural Resource Economics
- ECON 341 - Econ of Developing Countries
- BAIS 211 - Intro to Business Analytics

## Recommended ECOS Electives I, II & III

- BIOL 398 - SEM: Environmental Studies
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- ECON 395 - Economics of Poverty
- ECON 315 - History of Economic Thought
- ECON 420 - Urban and Regional Economics
- ECON 440 - Public Economics
- ECON 450 - International Economics
- ECON 460 - Labor Economics
- ECON 495 - Markets, Strategy & Rivalry
- MGMT 385 - Project Management
- MGMT 333 - Global Supply Chain Mgmt

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Economics, Sustainability and Society

### Freshman Year

#### Fall Semester

- Historical Perspectives
- Language I
- CORE 101
- CORE 100
- ECON 200 - Microeconomic Principles
- ENGL 101 - English Composition OR ENGL 115 - Rhetoric
- Second Language I

TOTAL (15)

#### Spring Semester

- ECON 201 - Macroeconomic Principles

- BIOL 120 - Life: Ecology & People
- BIOL 127 - Life Lab: Investigation II
- Second Language II
- MATH 150 - Elements of Calculus I or MATH 170 - Calculus I
- THEO 111 - Theological Foundations
- CORE 102

TOTAL (15)

## Sophomore Year

### Fall Semester

- ECON 320 - Natural Resource Economics
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- STAT 210 - Statistics For Business I
- PHIL 100 - Ethics as Intro to Philosophy
- SUST 301 - Cultural Studies & Sustainability

TOTAL (16)

### Spring Semester

- STAT 211 - Statistics For Business II
- SUST 401 - Cultural Studies & Sustainability Policy
- MGMT 322 - Managing For Sustainability
- PHIL 200 - Philosophical Perspectives
- General Elective (Practicum or Internship preferred)

TOTAL (15)

## Junior Year

### Fall Semester

- ECON 305 - Microeconomic Analysis
- ECON 341 - Econ of Developing Countries
- PHIL 390 - Topics In Political Philosophy
- ECOS Elective
- General Elective

TOTAL (15)

### Spring Semester

- ECON 421 - Environment, Economics & Policy
- Sustainable Econ Development
- Theological Perspectives
- Creative Perspectives
- General Elective (Practicum or Internship preferred)

TOTAL (15)

## Senior Year

### Fall Semester

- ENGL 205 - Literature & Moral Imagination
- ECOS Capstone
- ECOS Elective II
- General Elective
- General Elective

TOTAL (15)

### Spring Semester

- Environmental Policy Seminar
- ECOS Elective III
- General Elective (Practicum or Internship preferred)
- General Elective
- General Elective

TOTAL (14)

### Scheduling Notes:

- Consult the Undergraduate Core Curriculum requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- Diversity Curriculum Elective requirement may be used to satisfy other elements of the core or major.
- A minimum of 120 credit hours is required for the degree.

## International Studies, B.A.

International Studies is an interdisciplinary program that is inspired by Xavier's Jesuit tradition to prepare men and women for others as informed, ethically aware citizens who can thrive in today's global society. By majoring in international studies, you will:

- Learn to assess international developments, trends, dilemmas and policy issues.
- Develop critical thinking skills and tools necessary for successful engagement with an increasingly interconnected world.
- Engage in interdisciplinary study in language, history, political science and economics to shape an informed and comprehensive world view.

Majors choose one of the following concentrations:

1. Global Environment and Sustainability
2. Global culture and Societies
3. International Politics, Development and Economy
4. Population and Migration

International studies majors take a variety of courses from many disciplines, including:

- Language courses that emphasize culture, history and literature
- Political science courses in comparative politics and international relations
- History courses that provide in-depth analysis of an area of the world
- Microeconomics and macroeconomics

Study abroad or an internship in an international business or non-governmental organization is a required component in the program. Students are encouraged to study abroad through one of Xavier's many programs. They may also participate in Xavier's academic service learning semesters.

## Requirements for the International Studies Major

## Requirements in the Core Curriculum:

Undergraduate Core Curriculum , including:

### Economics:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Language:

- Intermediate proficiency plus 6 hours of 300 level courses

### Mathematics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics

## Required courses for all concentrations: (13 credits)

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations
  
- ECON 300 - Int'l Trade & Bus Environment
- POLI 372 - International Political Econom

## Electives (18 credits)

As electives, students need to take 4 elective courses in a thematic concentration. These courses need to be in at least two different disciplines. In addition, students need to take two courses about a specific regional area, with at least one of them historical in scope (and preferable in modern/contemporary history of the region).

## Global Environment and Sustainability:

**Note:** It is highly recommended to take BIO 120/136 as Natural Science elective or Scientific Perspectives.

- BIO 250/251 - Ecology
- HIST 199 - Global Environmental History
- ECON 341 - Economy of Developing Countries
- ECON 320 - Natural Resource, Ecological and Environmental Economics
- HIST 398 - History of Agriculture (US, Europe and Africa)
- HIST 362 - Global Culture & Publics
- POLI 372 - International Political Economy (cannot double count)
- SOCI 240 - Population and Globalization
- SUST 301 - Cultural Studies & Sustainability
- SUST 401 - Sustainable Development
- SPAN 359 - Community Engagement in Peru (tied to XU study abroad program in Peru)
- ENGL 319 - Writing as Social Action
- Selected ENGL 205/GERM 205/FRENCH 205/ SPAN 205/ PHIL 200 by permission (cannot double count for Core)

## Global Culture and Societies:

- HIST 199 - History of Modern Civil Resistance (focuses on US, Gandhi, South Africa, Polish Solidarity)
- HIST 231 - Transatlantic Slave trade
- HIST 362 - Global Culture & Publics
- HIST 481 - US-Mexico Borderland
- SOCI 180 - Culture & Society
- SOCI 240 - Population and Globalization
- POLI 320 - Global Islamic Politics
- SUST 301 - Cultural Studies & Sustainability
- ENGL 302 - Modern Literary Theory
- ENGL 352 - African Literature
- ENGL 319 - Writing as Social Action
- GERM 350/351 - German Culture I/II
- SPAN 309 - Contemporary Issues in the Spanish speaking World
- SPAN 352 - Latin American traditions and popular culture
- ITAL 258 - Italian Culture and Civilization
- FREN 325 - Global Food
- FREN 350/351 - French Culture & Civilization I & II
- THEO 306 - Liberation Issues and Theology
- THEO 355 - Introduction to Islam
- THEO 345 - The Challenge of Peace
- HIST 199 - Capitalism and its Discontents
- HIST 199 - Imperialism
- Selected ENGL 205/GERM 205/SPAN 205/FRENCH 205/PHIL 200 by permission (cannot double count for Core)

## International Politics, Development and Economy

- ECON 300 - International Trade and Business Environment (cannot double count)
- ECON 341 - Economy of Developing Countries
- ECON 320 - Natural Resource, Ecological and Environmental Economics
- HIST 398 - History of Agriculture (US, Europe and Africa)
- POLI 374 - US Foreign Policy
- POLI 372 - International Political Economy (cannot double count)
- POLI 120 - Comparative Government and Politics (cannot double count)
- POLI 277 - International Relations (cannot double count)
- SUST 401 - Sustainable Development
- HIST 199 - Capitalism and its discontents
- HIST 199 - Imperialism
- HIST 422 - The Experience of Modern War
- POLI 275 - Politics of War and Peace
- POLI 368 - Politics in Dictatorship
- POLI 390 - Seminar: International Relationships
- POLI 234 - Chinese Politics
- SPAN 309 - Contemporary Issues in the Spanish Speaking World
- ENGL 319 - Writing as Social Action
- THEO 345 - The Challenge of Peace
- Selected ENGL 205/FRENCH 205/GERM 205/SPAN 205/PHIL 200 by permission (cannot double count for Core)

## Population and Migration:

- HIST 199 - Immigration to America
- HIST 199 - Africans in the Americas
- HIST 362 - Global Culture & Publics
- SOCI 240 - Population and Globalization
- SPAN 331 - Latino Voices in the Community
- ENGL 319 - Writing as Social Action
- HIST 231 - Transatlantic Slave trade
- HIST 481 - US-Mexico Borderland
- POLI 320 - Global Islamic Politics
- SPAN 309 - Contemporary Issues in the Spanish Speaking World
- HIST 422 - The Experience of Modern War
- ENGL 319 - Writing as Social Action
- THEO 358 - Immigration Theology and Ethics
- Selected ENGL 205/GERM 205/FRENCH 205/SPAN 205/PHIL 200 by permission (cannot double count for Core)

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

# B.A. International Studies

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- Comparative Government and Politics (POLI 120) or International Relations (POLI 277)
- PHIL 100
- Second Language I
- Composition 101
- First Year Seminar (CORE100)
- CORE 101

Total (15)

### Second Semester

- Introduction to International Studies (INST 100)
- MATH 116/MATH 156
- Second Language II
- THEO 111
- ECON 200
- CORE 102

Total (15)

## Sophomore Year

### First Semester

- ECON 300 or POLI 372
- ECON 201
- Historical Perspectives
- Second Language III
- Scientific Perspectives

Total (15)

### Second Semester

- ENGL 205/SPAN 205/FRENCH 205/GERM 205
- Creative Perspectives
- Quantitative Reasoning Flag
- Second Language IV
- Theological Perspectives
- INST 201

Total (16)



## Junior Year

### First Semester

- Concentration Elective I
- Concentration Elective II
- Philosophical Perspectives
- Second Language V
- Natural Science + Lab Elective

Total (15)

### Second Semester

- Concentration Elective III
- Concentration Elective IV
- Second Language VI
- ER/S Elective
- Oral Communications Elective

Total (15)

## Senior Year

### First Semester

- Concentration Elective V
- Concentration Elective VI
- Diversity Curriculum Flag
- Writing Intensive Flag
- General Elective

Total (15)

### Second Semester

- CORE 499
- General Elective
- General Elective
- General Elective
- General Elective
- General Elective

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses need to be in at least two different disciplines. In addition, students need to take two courses about a specific regional area, with at least one of them historical in scope

# Organizational Leadership, B.A.

The Organizational Leadership major is an interdisciplinary program offered by the College of Arts and Sciences through APEX, Adult and Professional Education at Xavier. This transfer friendly major is **only available to APEX/ADC students** and is designed for adult students who want to prepare for leadership positions in organizational settings. Courses are offered in the Accelerated Degree Completion (ADC) format, with classes primarily in accelerated eight week terms during evenings, weekends or online and also in the regular 16 week semester format.

Students acquire broad foundational knowledge, deepened within a specific disciplinary minor and applied in a community based project. Along with the university core curriculum, the 36 credit hour major requirements includes 18 credit hours in leadership development courses, a disciplinary minor and a project based capstone course.

## Requirements

### Core Curriculum

See Undergraduate Core Curriculum

### Major Requirements

#### Leadership Fundamentals

15 credit hours

- MGMT 200 - Organizational Management
- MGMT 309 - Change Management or
- MGMT 312 - Negotiation & Conflict Mgmt
- MGMT 314 - Leadership
- COMM 260 - Organizational Communication
- PSYC 261 - Social Psychology

#### Organizational Leadership Electives

3 credit hours (Choose one)

- COMM 209 - Group Dynamics
- COMM 264 - Persuasion
- COMM 327 - Interpersonal Conflict Mgmt
- COMM 360 - Adv Organizational Comm
- PSYC 321 - Industrial-Organizational Psyc

#### Community Based Capstone

3 credit hours

- ORGL495 - Organizational Leadership Capstone

#### Required Minor

18-24 credit hours

- Business Minor
- Communication Studies Minor

- Cybersecurity Systems Minor
- Gender and Diversity Studies Minor
- Health Services Administration Minor
- Information Systems Minor
- Psychology Minor

**Note:** If courses in a student's minor are duplicative of fundamentals courses, students must take a minimum of 30 credits in the combined major and minor.

## Notes:

- 2.0 cumulative GPA must be attained in major, minor and overall to be in good academic standing
- Must have 18 credit hours in the major. Some major courses could also count toward a minor requirement, so additional ORGL electives may be needed to complete 18 hours for the major.
- All transfer policies apply, including at least half of the major and minor requirements must be taken at Xavier.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Philosophy, Politics and the Public, B.A.**

### Philosophy, Politics and the Public Curriculum

#### Course Requirements

48 Credit Hours

- PHIL 100 - Ethics as Intro to Philosophy (dedicated PPP section)
- PHIL 200 - Philosophical Perspectives (dedicated PPP section)
- PPUB 200 - Power and the Public
  
- ECON 200 - Microeconomic Principles
- ENGL 115 - Rhetoric
  
- ECON 201 - Macroeconomic Principles
- MATH 156 - General Statistics
- HIST 362 - Global Cultures & Publics
- ECON 307 - Empirical Analysis In Economic
- PPUB 400 - Senior Supervision

#### Block Schedule

This block serves as a guideline for progress toward a degree. See your academic advisor.

#### Freshman Year

##### First Semester

- PHIL 100 Ethics as Intro to Philosophy
- ENGL 115 Rhetoric
- Language I
- Historical Perspectives (International or non-Western focus)

- First Year Seminar

## Second Semester

- PHIL 200 Philosophical Perspectives
- PPUB 200 Power and the Public (Diversity Flag )
- Language II
- THEO 111 Theological Perspectives
- ECON 200 Microeconomic Principles (Social Science Elective)

## Sophomore Year

### First Semester

#### Power and Politics Block

- HIST 408 Constructing the Public (Seminar)
- PPUB 210 Campaigns, Politics, and Media
- MATH 156 - General Statistics (Math Perspectives)
- Lit and the Moral Imagination
- Theological Perspectives

#### Civil Society and Government Block

- PPUB 246 Civil Society and Government (Oral Flag )
- One additional course from ECON, HIST, PHIL, POLI, PPUB, or SOCI
- MATH 156 - General Statistics (Math Perspectives)
- Lit and the Moral Imagination
- Theological Perspectives

### Second Semester

#### Power and Politics Block

- HIST 300 Writing in Public (Writing Flag)
- PPUB 211 Public Policy Practice or POLI 328 Legislative Practice
- ECON 201 Macroeconomic Principles
- Scientific Perspectives + Lab
- Creative Perspectives

#### Civil Society and Government Block

- PPUB 211 Public Policy Practice or POLI 328 Legislative Practice (Writing Flag)
- One additional course from ECON, HIST, PHIL, POLI, PPUB, or SOCI
- ECON 201 Macroeconomic Principles
- Scientific Perspectives + Lab
- Creative Perspectives

## Junior Year

### First Semester

- PHIL 336 Liberalism or PHIL 338 Enlightenment and Revolution
- HIST 362 Global Cultures and Publics (Humanities Elective)
- ECON 307 Empirical Analysis in Economics (Quantitative Reasoning Flag)
- 2 Free Electives

### Second Semester

- PHIL 337 Responses to Liberalism or PHIL 339 Revolution and its Aftermath
- Natural Science Elective

- 3 Free Electives

## Summer

Option: Study Abroad Trip

## Senior Year

### First Semester

- PPUB 400 PPP Senior Supervision
- 4 Free Electives

### Second Semester

- PPUB 401 PPP Senior Seminar
- 4 Free Electives

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## **Bachelor of Liberal Arts**

### **Liberal Arts, B.L.A.**

The Bachelor of Liberal Arts is designed for adult transfer students who are interested in taking courses in a broad range of disciplines. The general electives and upper division studies requirements allow for efficient transferability of credits and give students the opportunity to design degrees to meet their needs. This degree is offered by the College of Arts and Sciences through APEX, Adult and Professional Education at Xavier. It is available to traditional undergraduates who have completed a minimum of 60 semester hours with approval of their Dean, the Dean of the College of Arts and Sciences and to all students who have graduated from high school not less than four years prior to the date of acceptance into the program.

The Liberal Arts degree is available through full or part-time study, days and/or evenings, or through the Accelerated Degree Completion Program

### **Requirements for the Bachelor of Liberal Arts**

#### **Core Curriculum Requirements:**

Consult Undergraduate Core Curriculum for details.

#### **Upper Division Studies Requirement: 35 Credit Hours**

- Students may add a minor or a concentration to their liberal arts degree. See below for information on available concentrations in organizational leadership, and professional communication.
- 38 hours of upper division work with no more than 21 hours from one subject area.
- It is recommended that these 38 hours be distributed across two academic areas.
- Less than 30 hours in business courses and no more than 12 hours in any one business subject area may be applied to the degree.

## Optional Concentrations for Upper Division Studies:

### Organizational Leadership Concentration: 18 Credit Hours

This concentration will enhance and develop your communication, management, and leadership skills.

#### Required Courses: 9 Credit Hours

- MGMT 200 - Organizational Management
- MGMT 309 - Change Management
- MGMT 314 - Leadership

#### Electives: 9 Credit Hours (Select from the following list)

- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics
- MGMT 201 - Business & Professional Comm
- MGMT 325 - International Management
- MGMT 385 - Project Management
- SHRM 200 - Human Resources In a Diverse S

### Professional Communication Concentration: 21 Credit Hours

This concentration is designed for people interested in working in dynamic, people-oriented environments. This concentration exposes you to the entire communication network; written, oral, and electronic mediums.

#### Required Courses: 15 Credit Hours

- COMM 101 - Oral Communication
- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics
- COMM 260 - Organizational Communication
- COMM 301 - Presentational Speaking

#### Electives: 6 Credit Hours (Select from the following list)

- BAIS 120 - Introduction to Business Tech
- BAIS 220 - Mgmt of Info Tech
- COMM 477 - Strat Comm Ethics Society
- MGMT 200 - Organizational Management
- MGMT 201 - Business & Professional Comm

### Free Electives: 10 Credit Hours

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## **Associate of Arts**

### **Liberal Arts, A.A.**

This 60 hour program is designed for adult students who are interested in taking courses in several disciplines. The upper division studies requirement allows students to design their degrees through flexibility in course selection. This degree is offered by the College of Arts and Sciences and is available to students who have graduated from high school not less than four years prior to the date of acceptance into the program.

#### Requirements for the Associate of Arts in Liberal Arts:

##### Core Curriculum Requirements:

- See Undergraduate Core Curriculum

##### Upper Division Studies Requirement:

- 20 hours of upper division coursework

##### Note(s):

- A minimum of 60 credit hours is required for the degree.

#### Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## **Minors**

### **Africana Studies Minor**

The Africana Studies minor serves as an introduction to the historical, political, cultural and social traditions of the African continent and the African Diaspora within disciplinary and interdisciplinary contexts. Elective courses which satisfy the intellectual requirements of the minor trace the customs, mores and histories of African nations or countries with significant African Diaspora populations, perform comparative analysis between African or African Diaspora populations, or focus on individual spheres - cultural, economic, political, social, etc. - within specific African/African Diaspora populations.

## Requirements:

Students completing the 18 credit hour minor must fulfill the following minimal requirements:

### Required Introductory Course

- GDST 210 - Introduction to African American Studies/Africana Studies

### One introductory course on the African continent:

- HIST 123 - African History I or
- HIST 153 - Africa's Past Our Future

### One intermediate or advanced courses on the African continent:

- ENGL 352 - African Literature
- THEO 309 - West African Religions

### One intermediate or advanced course on the African Diaspora:

- HIST 231 - Transatlantic Slave Trade
- THEO 322 - Black Theology
- SPAN 445 - 20th Century Spanish-Amer Lit

### One additional course at any level focused on the African continent or the African Diaspora:

- COMM 323 - Race, Class, Gender & Media
- HIST 124 - African History II
- HIST 125 - Latin America Cortes to Castro
- DANC 155 - Dance & Movement Beginner Jazz
- MUSC 114 - Jazz: American Creative Music
- SOCI 180 - Culture & Society
- SOCI 240 - Population & Globalization
- SOCI 250 - Racial Ethnic Minorities
- SOCW 318 - Trends in Modern Soc: Race Rel

### One African Studies Community Engagement Capstone course

## Catholicism and Culture Minor

In the late second and early third centuries Christian theologians debated the relationship of religious belief and contemporary culture. Many Christians sided with Origen who believed that Christians could use contemporary culture both to understand and defend their belief. Since then Christianity in its Roman Catholic and Eastern Orthodox branches has had a symbiotic relationship with the cultures in which they exist. Changes in culture have resulted in changes in church organization and development of Christian dogma.



Developments in dogma and church organization have affected the development of culture. The result of these interactions is that the various manifestations of Catholicism as they appear in different places, times, and cultures are shaped by those very intersections.

The subject of the minor is, therefore, Catholicism and its various cultural embodiments across time and across the entire world. Students in this minor will examine the intersection of theological ideas and human culture.

## 18 credit hours

### Introductory Course

- HIST 393 - History of the Jesuits

### Elective Courses

12 credit hours

### Capstone Course

3 credit hours

## Human Centered Making Minor

The minor in Human-Centered Making consists of five courses in Human-Centered Making. It is designed to give students an introduction to design thinking, digital fabrication, and user experience in a series of project-based courses.

### Required Courses (12 hours)

- MAKE 101 - Introduction to Making
- MAKE 102 - Making the User Experience
- MAKE 201 - Objects of Digital Fabrication
- MAKE 202 - Modeling Digital Objects

### 1 Additional, Approved Course (3 hours)

- ARTS 101 - Two-Dimensional Design
- ARTS 105 - Three-Dimensional Design
- CSCI 180 - Computer Science II
- CSCI 220 - Data Structures & Algorithms
- CSCI 260 - Software Engineering I
  
- MGMT 385 - Project Management

## Innovation Minor

The minor in Innovation teaches students from any major to create, communicate, and commercialize or otherwise realize meaningfully unique ideas in any field. The minor in Innovation gives students the tools and confidence to create their own opportunities, and to realize a prosperous and sustaining future within or outside organizations, businesses, or institutions. Students completing this minor will be able to lead change within their education, their careers, their affiliations, their communities and their personal lives.

Students will choose from one of two tracks. These tracks allow two ways to earn the minor in a field of study in which multiple disciplines intersect. The MAKE track provides students the opportunity to complete independent Innovation projects in collaboration with external partners. The Business track allows students to focus more on innovation within an entrepreneurial context. Innovation minors in the second track seeking to start their own businesses will also be advised to take an additional three courses to complete the Entrepreneurship and Innovation minor

The Minor in Innovation consists of 18 credit hours, including:

**MAKE Track (18 hours):**

- MAKE 101 - Introduction to Making
- INNV 103 - Design Thinking
- MGMT 300 - Managerial Behavior
- MGMT 385 - Project Management or MAKE 301 - Human-Centered Project Development
- INNV 400 - Internship
- INNV 403 - Project Development
- INNV 404 - Capstone Project

**Business Track (18 hours):**

- MAKE 101 - Introduction to Making
- INNV 103 - Design Thinking
- MGMT 300 - Managerial Behavior
- ENTR 305 - Creativity and Innovation
- ACCT 200 - Introductory Financial Accounting
- ENTR 311 - New Venture Planning

**Addition of Entrepreneurship minor**

Innovation minors in the **Business** track may take 3 additional courses to complete an Entrepreneurship and Innovation minor .

- MKTG 300 - Principles of Marketing
- MGMT 495 - Strategic Management
- BLAW 300 - Legal Environment **or** SHRM 200 - Human Resources in a Diverse Society **or** ECON 200 - Microeconomic Principles

## **International Studies Minor**

15 credit hours are required, as follows:

9 hours from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations
- POLI 390 - Sem: International Relations

3 hours from either

- ECON 300 - Int'l Trade & Bus Environment
- POLI 372 - International Political Econom

3 hours from 1 elective course of:

- HIST 428 - SEM: Latin Amer Revolutions
- POLI 374 - U.S. Foreign Policy

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Mathematics

The Department of Mathematics offers three degrees, the Bachelor of Science in Mathematics, the Bachelor of Science in Mathematics with Concentration in Economics, and the Bachelor of Science in Actuarial Science, as well as minors in Mathematics, Applied Mathematics, and Statistics.

## Bachelor of Science

### Actuarial Science, B.S.

Actuarial science applies quantitative methods to assess and manage risk. It is especially important in the insurance and finance industries, where understanding risk is essential to providing services that offer financial security and peace of mind, regardless of the uncertainties in daily life.

The B.S. in Actuarial Science is an interdisciplinary major consisting of coursework in mathematics, statistics, and business. Within the framework of a liberal arts tradition, the program emphasizes the development of critical thinking and problem solving skills by advancing the student's mathematical ability and statistical expertise. This serves as the basis upon which problems in various business contexts (such as insurance, finance, and investments) can be rigorously examined.

Actuarial Science majors are prepared to sit for the first two actuarial exams in Probability (P/1) and Financial Mathematics (FM/2). They also take courses that are approved for Validation by Educational Experience (VEE) credit. Although majors who successfully complete the program are ready to enter the actuarial profession, other careers that require strong quantitative skills and/or significant exposure to an undergraduate business curriculum are possible upon graduation

## Requirements

## Core Curriculum

48-63 Credit Hours dependent on courses taken, including mathematics and social science requirements included in major.

## Major in Actuarial Science

Students majoring in Actuarial Science must complete core curriculum requirements plus an additional 57 hours of coursework specific to the major.

### Required Courses (57 hours)

#### Mathematics (41 hours)

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 182 - Sequences and Series
- MATH 220 - Multivariable Calculus
- MATH 225 - Foundations Of Higher Math
- MATH 230 - Intro to Ordinary Diff Equat
- MATH 240 - Linear Algebra
- MATH 256 - Intro to Probability & Stats
- MATH 311 - Probability Theory
- MATH 312 - Statistical Inference
  
- MATH 257 - Data Modeling or
- MACS 101 - Intro To Actuarial Science
  
- MACS 201 - Actuarial Mathematics
- CSCI 170 - Computer Science I

#### Business (18 hours)

- FINC 300 - Business Finance
- FINC 365 - Investments
- FINC 465 - Options & Futures Markets
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ACCT 200 - Introductory Financial Acct

#### Notes:

- A 2.000 cumulative average must be attained in the student's mathematics and business courses.
- Students are prepared to take the first actuarial exam (Exam P/1), upon completion of MATH 311.
- Students are prepared to take the second actuarial exam (Exam FM/2), upon completion of the finance sequence: FINC 300, FINC 365, and FINC 465.
- Prior to the final semester in the program, a student must successfully pass at least one actuarial exam, or complete an appropriate project under the supervision of a faculty mentor, including an oral presentation in a public colloquium.
- Any student wishing to major in actuarial science should consult the chair of the department before registration.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Actuarial Science

These block schedules serves as a guideline for progress toward a degree. See your academic advisor. They assume the current bi-yearly frequency of certain required courses. Students will be prepared to take an actuarial exam no later than the summer following their third year.

## Sequence for students beginning in the Fall of an odd-numbered year

### Freshman Year

#### Fall Semester

- MATH 180 - Differential Calculus
- MACS 101 - Intro to Actuarial Science
- ECON 200 - Microeconomic Principles
- ENGL 101 or ENGL 115
- CORE 100 - First Year Seminar
- CORE 101 - GOA I

Total (15)

#### Spring Semester

- MATH 181 - Integral Calculus
- MATH 225 - Foundations of Higher Math
- ECON 201 - Macroeconomic Principles
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
- CORE 102 - GOA II

Total (15)

### Sophomore Year

#### Fall Semester

- MATH 311 - Probability Theory
- MATH 182 or MATH 220
- ACCT 200 - Introductory Financial Acct
- CSCI 170 - Computer Science I
- Second Language I

Total (15-17)

#### Spring Semester

- MATH 256 - Intro to Probability & Stats
- MATH 312 - Statistical Inference
- FINC 300 - Business Finance
- Oral Communication Flag
- Second Language II

Total (15)

### Junior Year

## Fall Semester

- MATH 182 or MATH 220
- FINC 365 - Investments
- ENGL 205 - Lit. & Moral Imagination
- Scientific Perspectives
- Creative Perspectives

Total (15-17)

## Spring Semester

- FINC 465 - Options & Futures Markets
- MACS 201 or MATH 230
- MATH 240 - Linear Algebra
- Natural Sciences Elective
- Elective

Total (15)

## Senior Year

### Fall Semester

- PHIL 200 - Philosophical Perspectives
- Humanities Elective
- E/RS Elective
- Elective
- Elective

Total (15)

### Spring Semester

- MACS 201 or MATH 230
- DCR elective
- Theology Perspectives
- Elective
- Elective

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Mathematical Perspectives, Quantitative Reasoning, and Social Science Elective requirements satisfied within the major.

## **Mathematics, B.S.**

The Department of Mathematics offers a program intended to develop a student's capacity to undertake intellectually demanding mathematical tasks by emphasizing general mathematical reasoning through mastery of varied subject matter. Upon successful completion of the program, the student should be well prepared for graduate studies in mathematics and related disciplines, for teaching at the secondary level and for immediate employment by industry in a position which makes use of the talents and abilities of one trained in the mathematical sciences.

Mathematicians continue to be in demand to fill both traditional and developing roles in society. Opportunities abound for researchers in all areas of mathematics. Engineering, computer science, and the physical sciences require individuals with mathematical training. The applications of statistics are increasingly widespread. Those in the economics as well as other social and health sciences, in the business community, and in the field of law are aware of the value of mathematics, not only as a tool for problem solving, but also for developing critical and analytical skills.

## Requirements for the Mathematics Major

### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including:

#### Sciences:

To fulfill the Scientific Perspectives and Natural Sciences Elective requirements, select one of the following three combinations of lecture and lab courses:

- BIOL 160 - General Biology I with
- BIOL 161 - General Biology I Lab
  
- BIOL 162 - General Biology II with
- BIOL 163 - General Biology II Lab
  
- CHEM 160 - General Chemistry I with
- CHEM 161 - General Chemistry I Lab
  
- CHEM 162 - General Chemistry II with
- CHEM 163 - General Chemistry II Lab
  
- PHYS 170 - University Physics I with
- PHYS 161 - Introductory Physics Lab I
  
- PHYS 172 - University Physics II with
- PHYS 163 - Introductory Physics Lab II

#### Mathematics:

- Requirement included within the major.

### Major Requirements:

45 credit hours, as follows

26 hours from:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 182 - Sequences and Series
- MATH 220 - Multivariable Calculus
- MATH 225 - Foundations Of Higher Math

- MATH 240 - Linear Algebra
- MATH 340 - Abstract Algebra I
- MATH 370 - Real Analysis

3 hours of seminar from:

- MATH 391 - Mathematics Seminar I
- MATH 392 - Mathematics Seminar 2
- MATH 393 - Mathematics Seminar 3

3 hours of computer sciences from:

- CSCI 170 - Computer Science I

9 hours of core electives from:

- MATH 230 - Intro to Ordinary Diff Equat
- MATH 256 - Intro to Probability & Stats
- MATH 280 - Combinatorics
- MATH 301 - Geometry
- MATH 302 - Number Theory
- MATH 311 - Probability Theory
- MATH 325 - Mathematical Modeling
- MATH 330 - Graph Theory
- MATH 341 - Abstract Algebra II
- MATH 360 - Elementary Topology
- MATH 380 - Intro to Complex Variables

6 hours of additional electives from:

- MATH 230-397, CSCI 250 (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these mathematics and computer science courses.
- Students are required to complete the MFT (Major Field Test) in Mathematics.
- Senior project requires a substantial paper on research under the guidance of a member of the principal faculty and an oral presentation to the department.
- The mathematics electives should be chosen under the guidance of the student's advisor. Any student wishing to major in mathematics should consult the chair of the department before registration.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

**B.S. Mathematics**

This block schedule serves as a guideline for progress toward a degree. See your academic advisor.



## Freshman Year

### First Semester

- MATH 180 - Differential Calculus
- CSCI 170 - Computer Science I
- ENGL 101 or ENGL 115
- Second Language I
- CORE 100 - First Year Seminar
- CORE 101 - GOA I

Total (15)

### Second Semester

- MATH 181 - Integral Calculus
- MATH 225 - Foundations Of Higher Math
- THEO 111 - Theological Foundations
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language II
- CORE 102 - GOA II

Total (15)

## Sophomore Year

### First Semester

- MATH 220 - Multivariable Calculus
- ENGL 205 - Lit. & Moral Imagination
- Historical Perspectives
- PHIL 200 - Philosophical Perspectives
- MATH 182 or MATH elective

Total (17)

### Second Semester

- MATH 240 - Linear Algebra
- MATH elective
- Creative Perspectives
- Theological Perspectives

Total (12)

## Junior Year

## First Semester

- MATH 340 - Abstract Algebra I
- MATH 182 or MATH elective
- Scientific Perspectives, Lecture & Lab
- Oral Communication Flag
- Elective

Total (16)

## Second Semester

- MATH 370 - Real Analysis
- MATH elective
- Natural Sciences elective + lab
- MATH 391 - Math Seminar I
- Elective

Total (14)

## Senior Year

### First Semester

- MATH Elective
- MATH 392 - Mathematics Seminar 2
- Social Science Elective
- E/RS Elective
- Elective
- Elective

Total (16)

### Second Semester

- MATH 393 - Mathematics Seminar 3
- Humanities Elective
- DCR Elective
- MATH Elective
- Elective

Total (14)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## Mathematics, B.S.

Please select one of the following:

- Mathematics, B.S.
- Mathematics, B.S. with a Concentration in Economics

# Mathematics, B.S. with a Concentration in Economics

This interdisciplinary program provides students with the benefits of a degree in Mathematics enhanced by a strong Economics background. Combined skills in Mathematics and Economics are increasingly valuable in industry and government. This program expands opportunities for post-graduation employment as well as prepares students for graduate study in Economics and related fields.

## Requirements for the Mathematics major with concentration in Economics

### Core Curriculum Requirements:

Undergraduate Core Curriculum

### Mathematics Major Requirements:

32 credit hours

- CSCI 170 - Computer Science I
- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 182 - Sequences and Series
- MATH 220 - Multivariable Calculus
- MATH 225 - Foundations Of Higher Math
- MATH 240 - Linear Algebra
- MATH 340 - Abstract Algebra I
- MATH 370 - Real Analysis
- MATH 391 - Mathematics Seminar I
- MATH 392 - Mathematics Seminar 2
- MATH 393 - Mathematics Seminar 3

### Mathematics Elective Requirements

\*\*\*The MATH Elective courses should be chosen under the guidance of the student's advisor

9 credit hours selected from the following:

- MATH 230 - Intro to Ordinary Diff Equat
- MATH 256 - Intro to Probability & Stats
- MATH 280 - Combinatorics
- MATH 301 - Geometry
- MATH 302 - Number Theory
- MATH 311 - Probability Theory
- MATH 325 - Mathematical Modeling
- MATH 330 - Graph Theory
- MATH 341 - Abstract Algebra II
- MATH 360 - Elementary Topology
  
- MATH 380 - Intro to Complex Variables

### Economics Concentration Requirements:

24 credit hours, as follows:

- BAIS 210 - Quantitative Methods
- ECON 200 - Microeconomic Principles

- ECON 201 - Macroeconomic Principles
  - ECON 305 - Microeconomic Analysis
  - ECON 306 - Macroeconomic Analysis
  - ECON 307 - Empirical Analysis In Economic
- 
- ECON 350 - Business Cycles & Forecasting OR
  - ECON 495 - Markets, Strategy & Rivalry

## NOTES:

- A 2.000 cumulative average must be attained in the student's mathematics, economics, and computer science courses.
- Students are required to complete the MFT (Major Field Test) in Mathematics.
- At the completion of MATH 393, students complete a Senior Project presented in a public colloquium. This project should demonstrate evidence of the student's Economic concentration.
- Any student wishing to major in Mathematics with Concentration in Economics should consult the chair of the Department of Mathematics before registration.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Mathematics with Concentration in Economics

This block schedule serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- MATH 180 - Differential Calculus
- CSCI 170 - Computer Science I
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- Second Language I
- CORE 100 - First Year Seminar
- CORE 101 - First Year Co-Curricular Program I (GOA)

Total (15)

#### Second Semester

- MATH 181 - Integral Calculus
- MATH 225 - Foundations Of Higher Math
- PHIL 100 - Ethics as Intro to Philosophy
- BAIS 210 - Quantitative Methods
- Second Language II
- CORE 102 - First Year Co-Curricular Program II (GOA)

Total (15)

### Sophomore Year

#### First Semester

- MATH 220 - Calculus III
- ECON 200 - Microeconomic Principles
- Historical Perspectives
- MATH 182 or MATH elective
- THEO 111 - Theological Foundations

Total (17)

## Second Semester

- MATH 240 - Linear Algebra
- ECON 201 - Macroeconomic Principles
- ENGL 205 - Lit. & Moral Imagination
- PHIL 200 - Philosophical Perspectives
- Creative Perspectives
- Theological Perspectives

Total (18)

## Junior Year

### First Semester

- MATH 340 - Abstract Algebra I
- ECON 305 - Microeconomic Analysis
- MATH Elective
- Scientific Perspectives
- MATH 182 or MATH elective

Total (15)

### Second Semester

- MATH 370 - Real Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis in Econ
- Natural Sciences elective + lab
- MATH 391 - Math Seminar I

Total (14)

## Senior Year

### First Semester

- MATH 392 - Math Seminar II
- ECON 350 or ECON 495
- ECON elective
- E/RS elective
- Oral Communication flag
- Elective

Total (16)

### Second Semester

- MATH 393 - Math Seminar III

- Humanities elective
- DCR elective
- MATH elective
- Elective

Total (13)

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum " requirements of the Catalog.

## Minors

### Applied Mathematics Minor

The minor in Applied Mathematics provides students with a solid foundation for using and understanding the tools of mathematics that are particularly applicable to other disciplines. Mathematical and quantitative competence are increasingly valued in an ever-increasing number of fields, including the physical sciences, business and finance, medicine, and many of the social sciences. The minor in Applied Mathematics broadens the analytical and problem-solving skills of students in virtually any field of study, and it increases their attractiveness to potential employers.

### Applied Mathematics Minor

20 credit hours

11 credit hours

- CSCI 170 - Computer Science I
- MATH 170 - Calculus I
- MATH 171 - Calculus II

9 hours of electives from the following:

- MATH 220 Multivariable Calculus
- MATH 225-399 (Refer to Course Descriptions )

### Note(s):

- A 2.000 cumulative average must be attained in these mathematics courses.
- The Mathematics minor is open to all undergraduates except students majoring in Mathematics or Actuarial Science.
- Students can receive no more than one of these three minors: Mathematics, Applied Mathematics, Statistics.

## Mathematics Minor

20 total credit hours are required, as follows:

11 hours of mathematics courses:

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 225 - Foundations Of Higher Math

9 additional hours of mathematics electives selected from:

- MATH 220 Multivariable Calculus
- MATH 225-399 (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these mathematics courses.
- The Mathematics minor is open to all undergraduates except students majoring in Mathematics or Actuarial Science.
- Students can receive no more than one of these three minors: Mathematics, Applied Mathematics, Statistics.

## Statistics Minor

The Department of Mathematics offers the minor in Statistics.

This minor is intended to enhance student's understanding of data, uncertainty, and estimation. Students completing the minor will acquire a mastery of fundamental theory in probability and statistics, as well as a working knowledge of advanced data analysis methodology that have found applications in a broad range of areas (e.g., biology, medicine, computer science, economics, finance, psychology, marketing, manufacturing, and engineering).

20 total credit hours are required, as follows:

17 hours of mathematics courses:

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 256 - Intro to Probability & Stats
- MATH 311 - Probability Theory
- MATH 312 - Statistical Inference

3 additional hours selected from one of the following:

- MATH 257 - Data Modeling
- ECON 350 - Business Cycles & Forecasting
- BAIS 329 - Data Mining

## Note(s):

- A 2.000 cumulative average must be attained in these courses for the minor.
- The Statistics minor is available to all undergraduates. For statistic minors also majoring in Mathematics, at most two of the Statistics minor courses numbered 220 or higher may count towards the requirements of the Mathematics major.
- Students can receive no more than one of these three minors: Mathematics, Statistics, Applied Mathematics,

## Music and Theatre

The Department of Music and Theatre offers a Bachelor of Arts degree in Music, Musical Theatre and Theatre, the Bachelor of Music degree in Music Education (the latter in conjunction with the Department of Education), the Bachelor of Science in Theatre Education and minors in Music Performance, Music Studies, Musical Theatre and Theatre.

The department also offers a broad, general exposure to the fields of music and theatre through a variety of courses for students as they pursue a liberal arts education. In addition, opportunity for instruction in an applied instrument/voice is available, as is the opportunity for participation in vocal and instrumental ensembles.

Xavier University is an accredited member of the National Association of Schools of Music (NASM).

## Bachelor of Arts

### Music, B.A.

Please choose one of the following options:

- Music, B.A. with Music Performance concentration
- Music, B.A. with Music Production concentration

### Music, B.A. with Music Performance concentration

## Requirements for the Music Major - Music Performance concentration

### Core Curriculum Requirements:

42 credit hours in addition to the requirements for the major (see Undergraduate Core Curriculum in the Catalog).

### Major Requirements:

36 credit hours, as follows

### Music Courses

- MUSC 127 - Electronic Music
- MUSC 199 - Recital Attendance (6 semesters)
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- MUSC 208 - Keyboard Skills I
- MUSC 209 - Keyboard Skills II
- MUSC 210 - Music History I
- MUSC 211 - Music History II
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III



- MUSC 303 - Aural Skills IV

### 6 hours of Private Lessons from:

- MUSC 276-299 (Refer to Course Descriptions)

### 6 hours of participation in a large ensemble:

- MUSC 260 - Concert Choir
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 270 - Chamber Orchestra

### Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons.

### Note(s):

- A 2.000 cumulative average must be attained in these music courses.
- For the Student Handbook see <https://www.xavier.edu/music-department/documents/student-handbook.pdf>

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Music

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- MUSC 200: Music Theory I [Quantitative]
- MUSC 201: Aural Skills I
- MUSC 208: Keyboard Skills I
- Private Lesson 1
- Large Ensemble 1
- CORE 100: First-Year Seminar
- CORE 101: First-Year Co-Curricular Passport
- ENGL 101 or ENGL 115
- Foreign Language Elective 1

Total (16)

#### Second Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- MUSC 202: Music Theory II
- MUSC 203: Aural Skills II
- MUSC 209: Keyboard Skills II
- Private Lesson 2
- Large Ensemble 2
- CORE 102: First-Year Co-Curricular Passport
- Foreign Language Elective 2
- PHIL 100: Ethics as Intro to Philosophy
- THEO 111: Theological Foundations

Total (16)

## Sophomore Year

### First Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- MUSC 210: Music History I
- MUSC 300: Music Theory III
- MUSC 301: Aural Skills III
- Private Lesson 3
- Large Ensemble 3
- Scientific Perspectives
- ERS Elective

Total (15)

### Second Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- MUSC 211: Music History II [Writing]
- MUSC 303: Aural Skills IV
- Private Lesson 4
- Large Ensemble 4
- Mathematical Perspectives
- Natural Science Elective
- Oral Communication Flag

Total (15)

## Junior Year

### First Semester

- MUSC 127: GarageBand, Logic & More
- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- Private Lesson 5
- Large Ensemble 5
- Theological Perspectives
- ENGL/CLAS/SPAN 205: Lit. & Moral Im.
- Free Elective

Total (14)

## Second Semester

- MUSC 198: Studio Class
- MUSC 199: Recital Attendance
- Private Lesson 6
- Large Ensemble 6
- Diversity Flag
- Free Elective
- Free Elective
- Free Elective

Total (14)

## Senior Year

### First Semester

- Philosophical Perspectives (PHIL 200)
- Free Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

### Second Semester

- Historical Perspectives
- Social Science Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

## **Music, B.A. with Music Production concentration**

### Requirements for the Music Major - Music Production concentration

#### Core Curriculum Requirements

42 credit hours in addition to the requirements for the major (see Undergraduate Core Curriculum in the Catalog)

#### Major Requirements

39 credit hours, as follows

## Music Courses:

- MUSC 199 - Recital Attendance (x6)
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- MUSC 208 - Keyboard Skills I
- MUSC 209 - Keyboard Skills II
- MUSC 210 - Music History I
- MUSC 211 - Music History II
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- MUSC 303 - Aural Skills IV

## Music Production Courses

- MUSC 127 - Electronic Music
- DIFT 340 - Audio Production

## 4 hours of Private Lessons from:

- MUSC 276-299, MUSC 425 (Refer to Course Descriptions)

## Participation in a ensemble:

2 credit hours

- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 266 - Chamber Music
- MUSC 270 - Chamber Orchestra
- MUSC 271 - Jazz Orchestra

## Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons.

## Notes

- A 2.000 cumulative average must be attained in these music courses.
- For the Student Handbook see <https://www.xavier.edu/music-department/documents/student-handbook.pdf>

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Music

This block serves as a guideline for progress toward a degree. See your academic advisor.

The downloadable engagement plan for this degree includes the schedule below in tabular form.

## Freshman Year

### First Semester

- MUSC 199: Recital Attendance
- MUSC 200: Music Theory I
- MUSC 201: Aural Skills I
- MUSC 208: Keyboard Skills I
- Ensemble 1
- CORE 100: First-Year Seminar
- CORE 101: First-Year Co-Curricular Passport
- ENGL 101 or ENGL 115
- Second Language Elective 1

Total (15)

### Second Semester

- MUSC 199: Recital Attendance
- MUSC 202: Music Theory II
- MUSC 203: Aural Skills II
- MUSC 209: Keyboard Skills II
- Ensemble 2
- CORE 102: First-Year Co-Curricular Passport
- Second Language Elective 2
- PHIL 100: Ethics as Intro to Philosophy
- THEO 111: Theological Foundations

Total (15)

## Sophomore Year

### First Semester

- MUSC 127 - GarageBand, Logic & More
- MUSC 199: Recital Attendance
- MUSC 210: Music History I
- MUSC 300: Music Theory III
- MUSC 301: Aural Skills III
- Private Lesson 3
- Ensemble
- Scientific Perspectives

Total (15)

### Second Semester

- MUSC 199: Recital Attendance
- DIFT 340 - Audio Production
- MUSC 211: Music History II
- MUSC 303 - Aural Skills IV
- Private Lesson
- Ensemble
- Mathematical Perspectives
- Natural Science Elective

Total (15)

## Junior Year

### First Semester

- MUSC 199: Recital Attendance
- MUSC 342: Studio Production
- MUSC 342 - Studio Production
- Theological Perspectives
- Humanities Elective
- ERS Elective
- ENGL/CLAS/SPAN 205: Literature & Moral Imagination

Total (15)

### Second Semester

- MUSC 199: Recital Attendance
- MUSC 405 - Internship
- Free Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

## Senior Year

### First Semester

- Philosophical Perspectives (PHIL 200)
- Free Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

### Second Semester

- Historical Perspectives
- Social Science Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

## **Musical Theatre, B.A.**

Xavier University's theatre department combines practical experiences and professional collaborations with a rigorous curriculum. The Bachelor of Arts Degree in Musical Theatre offers students the opportunity to develop the skills necessary to be a successful musical theatre artist. The program prepares students for professional experience outside of Xavier by fostering a practical, cross-cultural and student-oriented curriculum

## Requirements

## Core Curriculum

See Undergraduate Core Curriculum

## Major Requirements

56 credit hours

### Theatre Courses

46 credit hours

- THTR 100: Introduction to Theatre
- THTR 120: Acting I
- THTR 150: Stagecraft
- THTR 195: Voice and Movement Ensemble
- THTR 196: Musical Theatre Studio
- THTR 197: Voice for Theatre Majors
- THTR198: Theatre Tech. Workshop
- THTR199: Theatre Perf. Workshop
- THTR 205: Theatre History I
- THTR 206: Theatre History II
- THTR 208: Vocal Health and Wellness for Actors
- THTR 209: Hearing for the Musical Theatre Actor
- THTR 211: Script Analysis
- THTR 219: American Musical Theatre
- THTR 221: Auditions
- THTR 232: Advanced Musical Theatre
- THTR 320: Acting II
- THTR 460: Senior Musical Theatre Thesis

### Dance/Movement Courses

10 credit hours

- Jazz
- Tap
- Ballet
- Elective
- THTR 250: Alexander Technique

### General Electives

10 credit hours

### Additional Requirements

- Participation and Attendance in Studio Class each semester
- Pass a comprehensive musical theatre exam during the spring semester of senior year.
- At least one participation in a regional audition/interview event (SETC, UPTA, etc.). Event must be approved by faculty.
- Production attendance for all shows in which not cast or holding a technical position.
- Attendance at 20 professional productions outside of Xavier, with at least eight being musical productions.
- Audition for all departmental productions, specifically musicals.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

# Musical Theatre, B.A.

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- ENGL 101/115
- PHIL 100
- CORE 100
- CORE 101
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 100: INTRODUCTION TO THEATRE
- THTR 120: ACTING I
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: BALLET 1

### Second Semester

- THEO 111
- CORE 102
- HISTORICAL PERSPECTIVES
- THTR 197: VOICE FOR THEATRE MAJORS
- THTR 221: AUDITION PROCESS
- DANC: BALLET 2
- THTR 195: VOICE AND MOVEMENT ENSEMBLE
- THTR 199: THEATRE PERFORMANCE WORKSHOP
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 150: STAGECRAFT 3

## Sophomore Year

### First Semester

- SECOND LANGUAGE 1/2
- SOCIAL SCIENCES ELECTIVE
- THTR 205: THEATRE HISTORY I/ ORAL FLAG
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- THTR 208: VOCAL HEALTH AND WELLNESS FOR ACTORS
- DANC: JAZZ 1
- THTR 219: AMERICAN MUSICAL THEATRE
- THTR 195: VOICE AND MOVEMENT ENSEMBLE

### Second Semester

- SECOND LANGUAGE 2/2
- LIT AND THE MORAL IMAGINATION
- THTR 206: THEATRE HISTORY II/ WRITING FLAG
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- THTR 209: HEARING FOR MUSICAL THEATRE ACTOR 2
- DANC: JAZZ 2
- THTR 232: ADVANCED MUSICAL THEATRE
- THTR 199: THEATRE PERFORMANCE WORKSHOP 1



## Junior Year

### First Semester

- SCIENCE ELECTIVE
- MATH PERSPECTIVES
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: TAP 1
- THTR 250: ALEXANDER TECHNIQUE
- THTR 211: SCRIPT ANALYSIS
- ACTING II
- THTR 195: VOICE AND MOVEMENT ENSEMBLE

### Second Semester

- NATURAL SCIENCE ELECTIVE
- PHILISOPHICAL PERSPECTIVES
- DIVERSITY ELECTIVE
- THEOLOGICAL PERSPECTIVES
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: TAP 2
- THTR 250: ALEXANDER TECHNIQUE
- THTR 198: THEATRE TECHNOLOGY WORKSHOP

## Senior Year

### First Semester

- HUMANITIES ELECTIVE
- QUANTITATIVE FLAG
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: DANCE ELECTIVE 1
- THTR 199: THEATRE PERFORMANCE WORKSHOP
- GENERAL ELECTIVE
- GENERAL ELECTIVE

### Second Semester

- ER&S ELECTIVE
- THTR 460: SENIOR MT THESIS
- THTR 196: MUSICAL THEATRE STUDIO
- THTR 197: VOICE FOR THEATRE MAJORS
- DANC: DANCE ELECTIVE 2
- THTR 199: THEATRE PERFORMANCE WORKSHOP
- GENERAL ELECTIVE
- GENERAL ELECTIVE

## Notes

- A 3.000 cumulative average must be attained in the theatre major.
- Students are required to have regular advising meetings with their theatre department advisor.

# Theatre, B.A.

Xavier University's Theatre program combines practical experiences and professional collaborations with a rigorous and diverse curriculum. In addition to a strong foundation of theatre courses, the Bachelor of Arts Degree in Theatre offers students the opportunity to focus in either the area of performance or design and technology. The program prepares students for professional experience outside of Xavier by fostering a practical, cross-cultural and student-oriented curriculum.

## Requirements for the Theatre Major

### Core Curriculum Requirements:

See the Undergraduate Core Curriculum.

### Major Requirements

- 48 credit hours, as follows:

#### Theatre Foundation Courses, 33 credits from:

- THTR 100 - Introduction to the Theatre
- THTR 110 - Survey of Dramatic Lit
- THTR 120 - Acting I
- THTR 150 - Stagecraft I
- THTR 198 - Theatre Technology Workshop \*
- THTR 199 - Theatre Performance Workshop \*
  
- THTR 210 - Acting I
- THTR 350 - Directing
- THTR 450 - Senior Thesis

#### Theatre Performance/Production Courses, 15 credits from:

- THTR 121 - Voice and Movement
- THTR 160 - Improvisation

### Additional Requirements:

- Present justification for Senior Thesis – must be approved by department faculty,
- Pass a comprehensive theatre exam during the spring semester of senior year.
- Participation in at least one regional audition/interview event (SETC, UPTA, etc.). Event must be approved by faculty.
- Production attendance for all shows in which not cast or holding a technical position.
- Attendance at 20 professional productions.
- Audition or submit technical application for all departmental productions.

### Note(s):

- A 3.000 cumulative average must be attained in the theatre major.

- Students are required to have regular advising meetings with their theatre department advisor.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

### B.A. Theatre

This block serves as a guideline for progress toward a degree. See your academic advisor.

#### Freshman Year

##### First Semester

- THEATRE 100 - Intro to Theatre
- THEATRE 120 - Acting I
- CORE 100 - First Year Seminar
- PHILOSOPHY 100 - Ethics as an Introduction to Philosophy
- Second Language I
- CORE 101

##### Second Semester

- THEATRE 110 - Survey of Dramatic Literature
- THEATRE 150 - Stagecraft
- THEOLOGY 111 - Theological Foundations
- ENGLISH 101 - English Composition
- Second Language II
- CORE 102

#### Sophomore Year

##### First Semester

- THEATRE 205 - Theatre History I
- Theatre Performance Elective
- Historical Perspectives Elective
- Scientific Perspectives Elective
- Philosophical Perspectives Elective
- THEATRE 198/199 - Theatre Workshop

##### Second Semester

- THEATRE 206 - Theatre History II

- THEATRE 211 - Script Analysis
- Mathematical Perspectives elective
- Theological Perspectives Elective
- Theatre Production/Performance Elective
- THEATRE 198/199 - Theatre Workshop

## Junior Year

### First Semester

- Theatre Production/Performance Elective
- General Elective
- General Elective
- Natural Science elective
- Humanities Elective

### Second Semester

- THEATRE 310 - Directing
- THEATRE 198/199 Theatre Workshop
- Social Science Elective
- Literature and Moral Imagination 205
- General elective
- THEATRE 350 - Internship

## Senior Year

### First Semester

- Theatre Production/Performance Elective
- THEATRE 198/199 Theatre Workshop
- General Elective
- General Elective
- General Elective

### Second Semester

- Theatre Production/Performance Elective
- THEATRE 450 - Senior Thesis
- General Elective
- General Elective

## Scheduling Notes:

- Consult the Undergraduate Core Curriculum requirements of the Catalog.
- A minimum of 120 credit hours is required for the degree.

# **Bachelor of Music**

## **Music Education, B.M.**

### Requirements for the Music Education Major (Pre-K to 12)

#### Core Curriculum Requirements:

39 credit hours in addition to the requirements for the major (see Undergraduate Core Curriculum in the Catalog).

#### Major Requirements:

83 credit hours, as follows

#### 42 hours in music courses:

- MUSC 199 - Recital Attendance (7 Semesters)
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- MUSC 208 - Keyboard Skills I
- MUSC 209 - Keyboard Skills II
- MUSC 210 - Music History I
- MUSC 211 - Music History II
- MUSC 221 - Elementary Methods
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- MUSC 303 - Aural Skills IV
- MUSC 312 - Conducting I
- MUSC 320 - Instrumental Methods
- MUSC 321 - Choral Methods
- MUSC 351 - String Techniques
- MUSC 352 - Woodwind Techniques
- MUSC 353 - Brass Techniques
- MUSC 354 - Percussion Techniques
- MUSC 401 - Orchestration Arranging
- MUSC 450 - Senior Recital

#### 7 hours of Private Lessons from:

- MUSC 276-299 (Refer to Course Descriptions)

#### 7 hours of participation in a large ensemble from:

- MUSC 260 - Concert Choir
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 270 - Chamber Orchestra

## 19 hours of education courses required:

- EDFD 110 - Advanced Human Development
- EDMS 131 - Professional Education
- EDSP 200 - Sp Ed: Identification & Issues
- EDMS 350 - Technology & Topics for Educat (note that MUSC 314 can substitute for this)
- EDSP 380 - Classroom Management
- EDMS 411 - Clinical Experiences
- EDRE 471 - Content Area Literacy

## 9 hours of student teaching and seminar for certification:

- EDMS 471 - Student Teaching: Multi-Age

## Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons..
- Present a recital in major area of concentration during the senior year.
- Recital attendance (minimum of 49 recitals, 7 each semester of MUSC 199).

## Note(s):

- A 2.000 cumulative average must be attained in the music and education courses.
- For the Student Handbook see <https://www.xavier.edu/music-department/documents/student-handbook.pdf>

## TOTAL Minimum Hours Required for Degree: 122 Semester Hours

## B.M. Music Education

This schedule serves as a guideline for progress toward a degree. See your academic advisor.

The downloadable [engagement plan](#) for this degree includes the schedule below in tabular form.

## Freshman Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 208 - Keyboard Skills I
- Private Lesson
- Large Ensemble
- CORE 100 - First-Year Seminar
- CORE 101 - First-Year Co-Curricular Passport
- EDMS 131 - Professional Education
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

Total (16)

## Second Semester

- MUSC 199 - Recital Attendance
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- MUSC 209 - Keyboard Skills II
- Private Lesson 2
- Large Ensemble 2
- EDFD 110 - Human Development & Learning
- THEO 111 - Theological Foundations
- CORE 102 - First-Year Co-Curricular Passport
- PHIL 100 - Ethics as Intro to Philosophy

Total (16)

## Sophomore Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 210 - Music History I
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- MUSC 312 - Conducting I
- Private Lesson 3
- Large Ensemble 3
- Scientific Perspectives

Total (15)

### Second Semester

- MUSC 199 - Recital Attendance
- MUSC 211 - Music History II
- MUSC 221: Elementary Methods
- MUSC 303 - Aural Skills IV
- MUSC 351 - String Techniques
- Private Lesson 4
- Large Ensemble 4
- Mathematical Perspectives
- Historical Perspectives
- Philosophical Perspectives

Total (16)

## Junior Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 320 - Instrumental Methods
- MUSC 353 - Brass Techniques
- Private Lesson 5
- Large Ensemble 5

- EDSP 380 - Classroom Management
- Second Language Elective 1
- ENGL/CLAS/SPAN 205 Lit & Moral Imagination

Total (15)

## Second Semester

- MUSC 199 - Recital Attendance
- MUSC 221 - Elementary Methods
- MUSC 352 - Woodwind Techniques
- Private Lesson 6
- Large Ensemble 6
- EDSP 200 - Sp Ed Identification & Issues
- EDMS 350 - Technology & Topics for Educators
- Second Language Elective 2

Total (15)

## Senior Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 321 - Choral Methods
- MUSC 354 - Percussion Techniques
- MUSC 401 - Orchestration and Arranging
- MUSC 450 - Senior Recital
- Private Lesson 7
- Large Ensemble 7
- EDMS 411 - Clinical Experiences
- Natural Science Elective
- Theological Perspectives

Total (16)

### Second Semester

- EDMS 471 - Student Teaching
- EDRE 471 - Content Area Literacy

Total (12)

## Scheduling Notes:

- EDMS 471, Student Teaching and Seminar (9 credit hours) is required for state licensure.
- The number of required courses will increase if the 5 "flag" requirements (ERS, Diversity, Writing, Oral, and Quantitative) are not fulfilled by courses in the core or major.

## Bachelor of Science

## Theatre Education, B.S.



Xavier University's theatre education program combines a well-rounded theatre education with the necessary educational courses for students to receive their license to teach theatre to grades PK - 12 in Ohio's public schools. Practical experiences and professional collaborations in theatre help to prepare the next generation of theatre teachers the breadth of knowledge to face the challenges of teaching today's students.

## Requirements for the Theatre Education Major

### Core Curriculum Requirements:

- Undergraduate Core Curriculum

### Major Requirements:

#### Theatre Foundation Courses

28 credit hours from:

- THTR 100 - Introduction to the Theatre
- THTR 120 - Acting I
- THTR 150 - Stagecraft I

#### Theatre Performance/Production Courses:

12 credits from:

- THTR 160 - Improvisation
- THTR 220 - Improvisation for the Actor or

#### Theatre Electives:

3 credits from:

- COMM 235 - Digital Design
- ENGL 425 - Shakespeare
- ENGL 472 - Modern Drama
- MUSC 100 - Basic Music Theory
- MUSC 282 - Private Lesson: Voice

#### Education Requirements:

31 credits:

- EDMS 131 - Professional Education
- EDSP 200 - Sp Ed: Identification & Issues
- EDFD 110 - Advanced Human Development

- EDRE 471 - Content Area Literacy
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences

### Additional Requirements:

- Pass a comprehensive theatre exam during the spring semester of senior year.
- Participation in at least one regional audition/interview event (SETC, UPTA, etc.) Event must be approved by faculty.
- Production attendance for all shows in which not cast or holding a technical position.
- Attendance at 20 professional productions.
- Audition or submit technical application for all departmental productions, except during semester of study teaching.

### Notes:

- A 3.000 cumulative average must be attained in the theatre major.
- Students are required to have regular advising meetings with their theatre department advisor.

**TOTAL Minimum Hours Required for Degree: 133 Semester Hours**

## B.S. Theatre Education

### Freshman Year

#### Fall Semester

- THEATRE 100 - Intro to Theatre
- THEATRE 120 - Acting I
- CORE 100 - First Year Seminar
- PHILOSOPHY 100 - Introduction to Ethics
- Second Language I
- MONTESSORI EDUCATION 131 - Professional Education

#### Spring Semester

- THEATRE 110 - Survey of Dramatic Literature
- THEATRE 150 - Stagecraft
- THEOLOGY 111
- Second Language II
- THEATRE 198/199 - Theatre Workshop
- EDUCATION 110 - Human Development and Learning

### Sophomore Year

#### Fall Semester

- THEATRE 205 - Theatre History I
- Theatre Performance/Production Elective
- Historical Perspectives elective
- Scientific Perspectives elective
- PHILOSOPHY 200 - Philosophical Perspectives
- THEATRE 198/199 - Theatre Workshop
- SPECIAL EDUCATION 200 - Special Education Indent and Issues

## Spring Semester

- THEATRE 206 - Theatre History II
- THEATRE 211 - Script Analysis
- Mathematical Perspectives Elective
- Theological Perspectives Elective
- Theatre Production/Performance Elective
- THEATRE 198/199 - Theatre Workshop
- THEATRE 301 - Teaching Methods Elementary Education

## Junior Year

### Fall Semester

- THEATRE Production/Performance Elective
- THEATRE 302 - Teaching Methods Secondary Education
- Theatre Elective
- Natural Science Elective
- Humanities Elective
- MONTESSORI EDUCATION 350 - Tech and Topics for Teachers

### Spring Semester

- THEATRE 310 Directing
- THEATRE 198/199 Theatre Workshop
- Social Science Elective
- ENGLISH 205 - Literature and Moral Imagination
- General Elective
- THEATRE 350 - Theatre Internship

## Senior Year

### Fall Semester

- Theatre Production/Performance Elective
- THEATRE 198/199 - Theatre Workshop
- General Elective

### Spring Semester

- Theatre Production/Performance Elective
- THEATRE 450 - Senior Thesis
- General Elective

## Minors

## Music Performance Minor

18 total credit hours are required, as follows:

8 hours of music courses from:

- MUSC 200 - Music Theory I (Quantitative Reasoning Flag)
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II

3 semesters in Recital Attendance:

- MUSC 199 - Recital Attendance (0 credit hours, 7 recitals or other approved events per semester)

4 hours in an Private Lessons from:

- MUSC 278-299 (4 semesters at 1 credit each) (Refer to Course Descriptions )

6 hours in an Ensemble from:

- MUSC 259 - XU Men's Chorus
- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 266 - Chamber Music
- MUSC 267 - Percussion Ensemble
- MUSC 270 - Chamber Orchestra
- MUSC 271 - Jazz Orchestra

Note(s):

- Additional Requirements:
- Pass applied music exam at the end of each semester of private lessons.
- Perform in a minimum of 4 department recitals.
- Optional: Present a recital (MUSC 450 - Senior Recital) during the final semester of lessons.
- Maintain a 2.0 cumulative average in these courses.

## Music Production Minor

15 total credit hours are required, as follows:

9 hours of music courses from:

- MUSC 127 - Electronic Music

- DIFT 340 - Audio Production

3 hours of popular music electives from:

- MUSC 105 - Hip Hop: Music and Culture
- MUSC 106 - Music In Film
  
- MUSC 113 - American Popular Music
- MUSC 114 - Jazz: American Creative Music
- MUSC 117 - History of Rock
- MUSC 118 - Heavy Metal: Music and Culture

3 hours of Private Lessons from:

- MUSC 276-299 or MUSC 425 (3 semesters at 1 credit each) (Refer to Course Descriptions )

Notes:

- Attendance at a minimum of 21 recitals (7 each semester of MUSC 199).
- A 2.000 cumulative average must be attained in these courses.

## Music Studies Minor

18 total credit hours are required, as follows:

8 hours of music courses from:

- MUSC 200 - Music Theory I (Quantitative Reasoning Flag)
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II

4 hours in an Ensemble from:

- MUSC 259 - XU Men's Chorus
- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 266 - Chamber Music
- MUSC 267 - Percussion Ensemble
- MUSC 270 - Chamber Orchestra
- MUSC 271 - Jazz Orchestra

6 hours of Music electives:

- MUSC 101-425 (Refer to Course Descriptions )

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Musical Theatre Minor

The Musical Theatre Minor is an interdisciplinary minor with the Department of Music of Theater. This minor brings together courses involving singing, dancing, and stage performance to provide a unique opportunity for students interested in music and theatre to concentrate on both areas while earning one minor. These are students who, due to constraints of time and credit hours, must currently choose between either a Music or a Theatre Minor.

22 total credits are required, as follows:

### Theatre Classes:

- THTR 100 - Introduction to the Theatre
- THTR 120 - Acting I
- THTR 221 - The Audition Process

### Musical Theatre Classes:

- THTR 195 - Musical Theatre Ensemble (2 semesters)
- THTR 197 - Voice for Theatre Majors (4 semesters)
  
- THTR 219 - American Musical Theater

### Dance Courses from the following:

Must take two courses in two styles of dance.

#### Jazz

- MUSC 155 - Dance & Movement - Bgnr Jazz
- MUSC 157 - Dance & Movement - Adv Jazz

#### Tap

- MUSC 154 - Dance & Movement - Bgnr Tap
- MUSC 156 - Dance & Movement - Adv Tap

#### Ballet

- MUSC 158 - Ballet I
- MUSC 159 - Ballet II
- MUSC 160 - Ballet Intermediate/Advanced

#### Musical Theatre

- DANC 201 - Musical Theatre Dance
- DANC 301 - Musical Theatre Dance II

### Performance Classes:

- Must be on a musical theatre production

- THTR 199 - Theatre Performance Workshop

## **Theatre Minor**

19 total credit hours are required, as follows:

12 hours of theatre credits:

- THTR 100 - Intro to Theatre
- THTR 120 - Acting I
- THTR 150 - Stagecraft
- THTR 210 - Script Analysis

At least 1 credit must be a 198 or 199 up to 4 (1/4)

- Or Another Theatre Course (3)

3 credits from another 200 or above level theatre course

## **Philosophy**

The Department of Philosophy offers the Bachelor of Arts degree, and minors in Philosophy and Political Thought .

### **Bachelor of Arts**

### **Philosophy, B.A.**

The major in Philosophy is the appropriate course of study for a person intending to pursue graduate study in philosophy, and is an excellent preparation for entry into professional schools, law school and for graduate study in the humanities or social sciences.

### **Requirements for the Philosophy Major**

#### **Core Curriculum Requirements:**

See Undergraduate Core Curriculum

#### **Philosophy requirement:**

- Included within the major.

## Major Requirements:

30 credit hours, as follows

### 15 hours of required courses

- PHIL 100 - Ethics as Intro to Philosophy
- PHIL 200 - Philosophical Perspectives
- PHIL 304 - Early Modern Philosophy
- PHIL 340 - Metaphysics
- PHIL 301 - Ancient Philosophy

### 3 hours of one of the following

- PHIL 302 - Medieval Christian Philosophy
- PHIL 309 - Medieval Islamic Phil & Influe
- PHIL 363 - Medieval Political Philosophy

### 12 hours of major electives chosen from:

- PHIL 300-397

### Note(s):

- A 2.000 cumulative average must be attained for all PHIL courses.
- At least one course numbered 300-397 must be a **seminar**, which may be restricted to majors, minors, and honors students.

## Departmental Honors Track

Departmental honors enables students who are so inclined to prepare themselves better for graduate study in philosophy, or to pursue a more challenging undergraduate course of study in philosophy.

In addition to the standard requirements for the major, candidates for departmental honors will have to compose a senior thesis while working under the direction of one of our faculty members. The senior thesis project culminates in an oral thesis defense.

### Honors Thesis:

- PHIL 398 - Thesis Review I
- PHIL 399 - Thesis Review II

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B. A. Philosophy

This block serves as a guideline for progress toward a degree. See your academic advisor.



## Freshman Year

### First Semester

- First Year Seminar (CORE 100)
- Second Language 1
- Composition or Rhetoric (ENGL 100/115)
- Philosophy 100
- Creative Perspectives Elective
- CORE 101

### Second Semester

- Theological Foundations (THEO 111)
- Second Language 2
- Literature and Moral Imagination (ENGL 205)
- Scientific Perspectives Elective
- Oral Communications Flag\*
- CORE 102

## Sophomore Year

### First Semester

- Philosophy 200
- Mathematical Perspectives Elective
- Historical
- Natural Science Elective
- Writing-Intensive Flag\*

### Second Semester

- History of Philosophy
- General Elective
- Social Science Elective
- Theological Perspectives Elective
- Quantitative Reasoning Flag\*

## Junior Year

### First Semester

- History of Philosophy
- Philosophy Elective
- Philosophy Elective

- ERS Elective\*
- General Elective

## Second Semester

- History of Philosophy
- Philosophy 340 Metaphysics
- Philosophy Elective
- Diversity Curriculum Requirement (DCR) Flag\*
- Humanities Elective

## Senior Year

### First Semester

- Philosophy Elective
- Humanities Elective
- General Elective/Thesis Review\*\*
- General Elective
- General Elective

### Second Semester

- General Elective
- General Elective
- General Elective/Thesis Review\*\*
- General Elective
- General Elective

## Scheduling Notes:

- \*The five flags (E/RS, Oral Communication, Writing-Intensive, DCR, Quantitative Reasoning) can be double-counted with major requirements, where possible.
- \*\*Thesis Review is only for students choosing the Philosophy Honors Track. It earns 2 credits first semester and 1 credit second semester.

## Minors

### Philosophy Minor

18 total credit hours are required, as follows:

6 hours of philosophy courses from:

- PHIL 340 - Metaphysics

3 hours of a “history of philosophy” elective selected from:

- PHIL 354 - Classical American Philosophy
- PHIL 362 - Ancient Political Philosophy
- PHIL 363 - Medieval Political Philosophy
- PHIL 364 - Modern Political Philosophy

6 hours of two philosophy electives selected from:

- PHIL 300 and higher (Refer to Course Descriptions.)

3 hours of a philosophy seminar course section from:

- PHIL 300 and higher (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Physics

The Department of Physics offers four degrees: the Bachelor of Science in Physics, the Bachelor of Science in Biophysics, the Bachelor of Science in Engineering Physics and the Bachelor of Arts in Applied Physics, as well as a minors in Physics and Electronics Engineering. Also, the Bachelor of Science in Teaching Life Sciences and Physics is offered in cooperation with the Department of Education.

### Bachelor of Arts

### Applied Physics, B.A.

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts.

### Bachelor of Arts Degree in Applied Physics

### Requirements for the Applied Physics Major

Core Curriculum Requirements:

See Undergraduate Core Curriculum

48 credit hours outside of major courses. Can be less depending on language placement and ER/S and DCR flags are satisfied in other core courses.

Mathematical Perspectives, Scientific Perspectives, Natural Science Elective, Quantitative Reasoning, Writing and Oral Communication Flags are included within the major.

## Major requirements:

57 credit hours, including:

31 hours of physics and engineering courses:

- ENGR 101 - Introduction to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

## Additional Major Requirements

26 credit hours, as follows

11 hours of Mathematics from:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus

15 hours from Physics, Engineering, Mathematics, Chemistry, Computer Science or Biology courses.

At least 9 must be from Physics or Engineering. These courses must be in addition to those already required by the major.

## Note(s):

- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

- Depending on the language placement and how the DCR and ERS flags are satisfied additional hours need to be taken as electives to reach 120 hours. These hours can be used for a minor in another discipline.

# B.A. Applied Physics

## Freshman Year

### First Semester

- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- Second Language 101
- ENGL 101 - English Composition
- General Elective
- Historical Perspectives

Total (15)

### Second Semester

- MATH 169 - Precalculus or General Elective
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Second Language 102
- PHIL 100 - Ethics as Intro to Philosophy
- General Elective

Total (15)

## Sophomore Year

### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Exploration in Physics I
- MATH 180 - Differential Calculus
- ENGR 101 - Introduction to Fabrication
- Theological Perspectives
- Second Language 201

Total (14)

### Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- Literature and Moral Imagination
- General Elective

Total (13)

## Junior Year

## First Semester

- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- MATH 220 - Multivariable Calculus
- PHYS 350 - Theoretical Mechanics I (Even Year Fall) or Philosophical Perspectives

Total (17)

## Second Semester

- PHYS 244 - Electronics
- PHYS 245 - Electronics Lab
- PHYS 355 - Advanced Lab
- ENGR 180 - Intro to Comp with Mathlab
- Humanities Elective
- Ethics/Religion and Society (ER/S)
- General Elective

Total (17)

## Senior Year

### First Semester

- PHYS 395 - Physics Research
- Program Elective
- PHYS 350 - Theoretical Mechanics I (Even Year Fall) or Philosophical Perspectives
- Social Science Elective
- Program Elective
- Program Elective

Total (16)

### Second Semester

- PHYS 398 - Physics Thesis
- Program Elective
- Creative Perspectives
- Diversity Curriculum Requirement (DCR)
- Program Elective

Total (13)

## Scheduling Notes:

- Specific block schedules are determined in consultation with the chair.
- Consult the "Undergraduate Core Curriculum" description of the Catalog.
- The E/RS Focus Elective and Diversity Flag Elective requirements may be used to satisfy another element of the core or the major.
- MATH 220 must be completed before either PHYS 350 and may be required for other electives.

## Applied Physics, B.A.

Please choose one of the following:

Applied Physics, B.A.

Applied Physics, B.A., with an Engineering Concentration

## Applied Physics, B.A., with an Engineering Concentration

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts. The concentration in engineering prepares students for a career in engineering. Students with this concentration can transition into the following Master programs at the University of Cincinnati: Material Science Engineering, Aerospace Engineering, Environmental Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering, Architectural Engineering, Robotics and Intelligent Autonomous Systems, and Artificial Intelligence.

For further information, refer to <https://www.xavier.edu/physics-department/programs/masters-in-engineering-tracks>

## Bachelor of Arts Degree in Applied Physics

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts.

## Requirements for the Applied Physics Major with an Engineering Concentration

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

48 credit hours outside of major courses.

Mathematical Perspectives, Scientific Perspectives, Natural Science Elective, Quantitative Reasoning, Writing and Oral Communication Flags are included within the major.

### Major Requirements:

60 credit hours, including:

### 31 hours of Physics and Engineering courses:

- ENGR 101 - Introduction to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

## Additional Major Requirements

- 29 credit hours, as follows

### 11 hours of Mathematics and Computer Science:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus

### 18 hours in the Engineering concentration:

- MATH 230 - Intro to Ordinary Diff Equat
- ENGR 342 - Material Science
- ENGR 370 - Fluid Mechanics
- PHYS 382 - Thermodynamics

### Note(s):

- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

Depending on the mathematics and language placement and how the DCR and ERS flags are satisfied additional hours need to be taken as electives to reach 120 hours.

## B.A. Applied Physics with a concentration in Engineering

### Freshman Year

#### First Semester

- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- Second Language 101
- ENGL 101 - English Composition
- MATH 169 - Precalculus or General Elective
- Social Science Elective

Total (15)

#### Second Semester



- MATH 180 - Differential Calculus
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Second Language 102
- PHIL 100 - Ethics as Intro to Philosophy
- Historical Perspectives

Total (15)

## Sophomore Year

### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 181 - Integral Calculus
- ENGR 101 - Introduction to Fabrication
- Theological Perspectives
- Second Language 201

Total (14)

### Second Semester

- ENGR 180 - Intro to Comp with MATLAB
- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 220 - Multivariable Calculus
- Literature & the Moral Imagination

Total (15)

## Junior Year

### First Semester

- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 242 - Circuits
- PHYS 243 - Circuits Lab
- MATH 230 - Intro to Ordinary Diff Equations (Odd Year Fall Semester) or Program Elective (Even Year Fall Semester)
- ENGR 370 - Fluid Mechanics (Odd Year Fall Semester) or PHYS 350 - Theoretical Mechanics I (Even Year Fall Semester)

Total (17)

### Second Semester

- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 342 - Material Science (Even Year Spring Semester) or Program Elective (Odd Year Spring Semester)
- PHYS 355 - Advanced Lab
- MATH 230 - Intro to Ordinary Diff Equations (Odd Year Fall Semester) or Program Elective (Even Year Fall Semester)
- Humanities Elective

- General Elective

Total (17)

## Senior Year

### First Semester

- ENGR 370 - Fluid Mechanics (Odd Year Fall Semester) or PHYS 350 - Theoretical Mechanics I (Even Year Fall Semester)
- PHYS 395 - Physics Research
- Philosophical Perspectives
- General Elective
- General Elective

Total (13)

### Second Semester

- PHYS 398 - Physics Thesis
- PHYS 382 - Thermodynamics
- ENGR 342 - Material Science (Even Year Spring Semester) or Program Elective (Odd Year Spring Semester)
- Creative Perspectives elective
- Diversity Curriculum Requirement (DCR)
- Ethics Religion and Society (E/RS)

Total (16)

### Scheduling Notes:

- Specific block schedules are determined in consultation with the chair.
- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective, Diversity Curriculum Elective, and Writing Intensive Elective requirements may be used to satisfy another element of the core or the major.
- MATH 220 must be completed before a student's Junior year as the course is a pre-requisite for both ENGR 370 and PHYS 350.

## Bachelor of Science

### Biophysics, B.S.

The biophysics program is highly interdisciplinary, providing students with the background and techniques of biology, chemistry and physics necessary to enter this rapidly growing field. A key component of the program is the hands on experience gained in numerous laboratory settings across the disciplines of biology, chemistry and physics, culminating in a senior capstone research experience in the biophysics area. The program's flexibility is intended to allow students to tailor their experience toward their personal interests, be it in industrial research, engineering, teaching, or health-science. The program's structure is intended to prepare a student for the rigors of advanced degree programs in biophysics as well as a wide variety of other fields of physics, law, medicine, health sciences, and biotechnology.

### Requirements for the Biophysics Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

48 credit hours outside of major courses.

Mathematical Perspectives, Scientific Perspectives, Natural Science Elective, Quantitative Reasoning, Writing, and Oral Communication Flags are included in the major requirements.

## Major Requirements:

73 credit hours, including:

24 hours of physics and engineering courses:

- ENGR 101 - Introduction to Fabrication
- ENGR 173 - Explorations in Engineering
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 355 - Advanced Lab
- PHYS 382 - Thermodynamics
- PHYS 387 - Biophysics
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

19 hours of chemistry courses:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 440 - Biochemistry

4 hours of biology courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab

11 hours of mathematics courses:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus

15 credit hours of natural sciences electives:

At least 9 hours of electives must be in physics or engineering..

- BIOL 206 - Human Physiology
- BIOL 207 - Human Physiology Lab
- BIOL 222 - Immunology
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 310 - Foundations of Pharmacology
- BIOL 360 - Cell Biology
- BIOL 380 - Neurobiology
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
- CHEM 322 - Physical Chemistry II
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 435 - Medicinal Chemistry
- CHEM 441 - Biochemistry Laboratory
- CHEM 450 - Topics in Organic Chemistry
- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 342 - Material Science
- ENGR 346 - Signals and Systems
- ENGR 370 - Fluid Mechanics
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 366 - Optics: Phys & Engineering
- PHYS 367 - Optics: Phys & Engineering Lab
- PHYS 376 - Quantum Mechanics I

## Notes:

- Specific requirements are modifiable for the needs and interests of each individual student.
- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.
- Pre-med students must take BIOL 162 and BIOL 163 in order to qualify for medical, dental, and veterinary schools. Additionally, General Psychology, Introduction to Sociology and Biochemistry, must be completed by the end of the junior year in order to take the MCAT between the junior and senior year. BIOL 354 Human and Comparative Anat is required for admission to some medical schools but is not required for MCAT performance. BIOL 230 Genetics and BIOL 231 Genetics Laboratory are listed in the minimal competences for first year medical students but are not required for MCAT performance. In order to be on track, pre-med students should take General Chemistry I and II (plus labs) during their first year, Organic Chemistry I and II (plus labs) and General Biology I and II (plus labs) during their second year, and Biochemistry during their third year.
- Pre-med students are strongly encouraged to speak to their advisor regarding their course schedule as soon as possible.
- Upper level biology courses may require BIOL 162 and BIOL 163

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

Depending on the language placement and how the DCR and ERS flags are satisfied more hours may need to be taken as electives to reach 120 hours.

## B.S., Biophysics

This block serves as a guideline for progress towards a degree. See your academic advisor.

## Freshman Year

## First Semester

- ENGR 101 - Introduction to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- MATH 180 - Differential Calculus
- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier

Total (15)

## Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Transition
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language 101

Total (16)

## Sophomore Year

### First Semester

- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 220 - Multivariable Calculus
- Second Language 102

Total (17)

### Second Semester

- PHYS 355 - Advanced Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- Second Language 201
- Program Elective

Total (15)

## Junior Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- Program Elective
- PHYS 382 - Thermodynamics
- Literature & the Moral Imagination
- Philosophical Perspectives

Total (16)

## Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- Historical Perspectives
- Theological Perspectives
- Program Elective or PHYS 387 - Biophysics (Even Year Spring Semester)

Total (13)

## Senior Year

### First Semester

- CHEM 440 - Biochemistry
- PHYS 395 - Physics Research
- Social Science Elective
- Humanities Elective
- Ethics/Religion and Society (E/RS)
- Program Elective

Total (16)

### Second Semester

- Program Elective or PHYS 387 - Biophysics (Even Year Spring Semester)
- PHYS 398 - Physics Thesis
- Program Elective
- Diversity Curriculum Requirement (DCR)
- Creative Perspectives

Total (13)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Block schedules serve as a recommendation of course sequences, however, special care must be taken to follow the course sequence of the courses within the major. Consult academic advisor to determine when the courses are offered.
- Consult with your academic advisor should you need to deviate from the suggested course sequence due to mathematics placement in MATH 169 - Precalculus or a lower mathematics course.
- DCR & ER/S flags may double count with other core courses. Use "Attribute Type" when searching for courses.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. Credit hours required may vary between students due to incoming academic credit, core courses double counting, or mathematics and second language placement results but 120 credit hours must be obtained for graduation.

## Engineering Physics, B.S.

The Engineering Physics program provides students interested in Engineering a clear track to pursue a 1-year Masters in Engineering or a 2-year, research-based Masters in Science at the University of Cincinnati in:

Mechanical Engineering, Material Science Engineering, Electrical Engineer, Aerospace Engineering, Civil Engineering, Architectural Engineering, Environmental Engineering, Biomedical Engineering, Robotics and Intelligent Autonomous Systems, and Artificial Intelligence

Further information about this partnership can be found at this link (<https://www.xavier.edu/physics-department/programs/masters-in-engineering-tracks>)

Engineering Physics combines courses in physics and mathematics with several diverse courses in engineering. Serving the foundation of the program is a set of courses that provides a fundamental understanding of traditional topics in physics including the motion of solid bodies, sound, fluids, electricity, magnetism, and the interaction between light and matter. These "foundational" courses describe how theories about natural phenomena are deduced from experiments and observations, develop the mathematical formalism through which these theories are expressed, and present techniques for using this formalism to describe and analyze systems. Overarching these "foundational" courses are a set of "engineering" courses that focus on the application of scientific principles toward the design and construction of structures, materials, devices and systems that serve an intended function. A senior capstone experience provided through a two-semester sequence teaches the product development process typically utilized in the engineering community and enables students to experience the process from idea conception through production. The program is intended for students who want a solid foundation in physics and a rigorous set of engineering courses that will allow them to pursue an engineering related career or an advanced degree in engineering.

## Requirements for the Engineering Physics Major

### Core Curriculum Requirement:

See Undergraduate Core Curriculum

48 credit hours outside of major courses.

### Major Requirements:

78 credit hours, as follows:

#### 40 hours of engineering courses:

- ENGR 101 - Introduction to Fabrication
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 342 - Material Science
- ENGR 346 - Signals and Systems
- ENGR 354 - Microprocessors & Digital Syst
- ENGR 358 - Analog and Digital Comm
- ENGR 366 - Optics: Phys & Engineering
- ENGR 367 - Optics: Phys & Engineering Lab
- ENGR 370 - Fluid Mechanics
- ENGR 380 - Control Systems
- ENGR 384 - Heat Transfer
- ENGR 395 - Senior Design Project I
  
- ENGR 398 - Senior Design Project II

#### 24 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I

- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Lab
- PHYS 360 - Electromagnetism I

14 hours of mathematics from:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus
- MATH 230 - Intro to Ordinary Diff Equat

Note(s):

- Specific requirements are modifiable for the needs and interests of each individual student.
- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

- Depending on the language and mathematics placement, as well as how the DCR and ERS flags are satisfied, additional hours may need to be taken as electives to reach 120 hours.

## B.S. Engineering Physics

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Students Entering in Even Year

#### Freshman Year

##### First Semester

- ENGR 101 - Intro to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 180 - Differential Calculus
- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- Second Language 101

Total (14)

##### Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- THEO 111 - Theological Foundations



- CORE 102 - Goa II: Beyond Your First Year
- Second Language 102
- ENGL 101 - English Composition

Total (16)

## Sophomore Year

### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- MATH 220 - Multivariable Calculus
- Second Language 201

Total (17)

### Second Semester

- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 355 - Advanced Lab
- MATH 230 - Intro to Ordinary Diff Equations
- Theological Perspectives
- PHIL 100 - Ethics as Intro to Philosophy

Total (17)

## Junior Year

### First Semester

- ENGR 346 - Signals and Systems
- PHYS 350 - Theoretical Mechanics
- PHYS 360 - Electromagnetism I
- Philosophical Perspectives
- Literature & the Moral Imagination

Total (16)

### Second Semester

- ENGR 358 - Analog & Digital Communication
- ENGR 366 - Optics: Phys & Engineering
- ENGR 367 - Optics: Phys & Engineering Lab
- ENGR 380 - Control Systems
- ENGR 396 - Engineering Colloquium
- Historical Perspectives
- Ethics/Religion and Society (E/RS)
- CAD Badge

Total (17)

## Senior Year

### First Semester

- ENGR 354 - Microprocessors & Digital Systems
- ENGR 370 - Fluid Mechanics
- ENGR 395 - Senior Project I
- Creative Perspectives
- Diversity Curriculum Requirement (DCR)

Total (15)

### Second Semester

- ENGR 342 - Material Science
- ENGR 384 - Heat Transfer
- ENGR 398 - Senior Design Project II
- Social Science Elective
- Humanities Elective
- CORE 499 - Core Capstone

Total (14)

## Students Entering in Odd Year

### Freshman Year

#### First Semester

- ENGR 101 - Intro to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics
- MATH 180 - Differential Calculus
- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- Second Language 101

Total (14)

#### Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Second Language 102
- ENGL 101 - English Composition

Total (16)

### Sophomore Year

#### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- MATH 220 - Multivariable Calculus
- Second Language 201

Total (17)

## Second Semester

- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 355 - Advanced Lab
- MATH 230 - Intro to Ordinary Diff Equations
- PHIL 100 - Ethics as Intro to Philosophy
- Theological Perspectives

Total (17)

## Junior Year

### First Semester

- ENGR 354 - Microprocessors & Digital Systems
- ENGR 370 - Fluid Mechanics
- Creative Perspectives
- Philosophical Perspectives
- Literature & the Moral Imagination

Total (16)

### Second Semester

- ENGR 342 - Material Science
- ENGR 384 - Heat Transfer
- Social Science Elective
- Historical Perspectives
- Ethics/Religion and Society (E/RS)
- CAD Badge

Total (15)

## Senior Year

### First Semester

- ENGR 395 - Senior Design Project I
- PHYS 350 - Theoretical Mechanics
- PHYS 360 - Electromagnetism I
- ENGR 346 - Signals & Systems
- Diversity Curriculum Requirement (DCR)

Total (15)

### Second Semester

- ENGR 358 - Analog & Digital Communication
- ENGR 366 - Optics: Phys & Engineering
- ENGR 367 - Optics: Phys & Engineering Lab

- ENGR 380 - Control Systems
- ENGR 396 - Engineering Colloquium
- ENGR 398 - Senior Design Project II
- Humanities Elective
- CORE 499 - Core Capstone

Total (16)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Block schedules serve as a recommendation of course sequences, however, special care must be taken to follow the course sequence of the courses within the major. Deviation from the course sequence within the major will most likely preclude a student from earning an Engineering Physics degree.
- Consult with your academic advisor should you need to deviate from the suggested course sequence due to mathematics placement in MATH 169 - Precalculus or a lower mathematics course.
- DCR & ER/S flags may double count with other core courses. Use "Attribute Type" when searching for courses.
- Core requirements for oral communications, quantitative reasoning, and writing-intensive flagged courses are fulfilled within the Engineering Physics curriculum.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. Credit hours required may vary between students due to incoming academic credit, core courses double counting, or mathematics and second language placement results but 120 credit hours must be obtained for graduation.

## Physics, B.S.

The program in physics is designed to familiarize students with the techniques of mathematical and experimental physics that is useful to them in an industrial research or engineering position; in physics teaching; as a general preparation for more advanced graduate work in any of the varied fields of physics; or in such disciplines as astronomy, space science, biophysics, computer science, engineering, geophysics, medicine, law, and oceanography.

## Requirements for the Physics Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

48 credit hours outside of major courses. Can be less depending on language placement and ER/S and DCR flags are satisfied in other core courses.

Mathematical Perspectives, Scientific Perspectives, Natural Science Elective, Quantitative Reasoning, Writing, and Oral Communication Flags are included within the major.

### Major Requirements:

73 credit hours, including:

#### 44 hours of physics and engineering courses:

- ENGR 101 - Introduction to Fabrication
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 342 - Material Science
- ENGR 370 - Fluid Mechanics
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Lab
- PHYS 360 - Electromagnetism I
- PHYS 366 - Optics: Phys & Engineering
- PHYS 367 - Optics: Phys & Engineering Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

### 9 hours of physics electives:

- PHYS 376 - Quantum Mechanics I
- PHYS 382 - Thermodynamics
- PHYS 387 - Biophysics
- PHYS 388 - Astrophysics
- PHYS 389 - Solid State Physics
- PHYS 390 - Special Studies (area to be determined by department)
- ENGR 346 - Signals and Systems
- ENGR 384 - Heat Transfer
- CSCI 170 - Computer Science I
- CSCI 321 - Numerical Analysis

### 20 hours of mathematics:

- MATH 180 - Differential Calculus
- MATH 181 - Integral Calculus
- MATH 220 - Multivariable Calculus
- MATH 230 - Intro to Ordinary Diff Equat

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

Depending on the language placement and how the DCR and ERS flags are satisfied additional hours need to be taken as electives to reach 120 hours.

## B.S. Physics

This block serves as a guideline for progress toward a degree. See your academic advisor as upper division course offerings are subject to change.

## Students Entering in Even Year

### Freshman Year

### First Semester

- ENGR 101 - Intro to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I

- MATH 180 - Differential Calculus
- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- ENGL 101 - English Composition

Total (14)

## Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- Social Science Elective
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Second Language 101

Total (16)

## Sophomore Year

### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- MATH 220 - Multivariable Calculus
- Second Language 102

Total (17)

### Second Semester

- PHYS 355 - Advanced Lab
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 180 - Intro to Comp with MATLAB
- MATH 230 - Intro to Ordinary Diff Equations
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language 201

Total (17)

## Junior Year

### First Semester

- PHYS 350 - Theoretical Mechanics
- PHYS 360 - Electromagnetism I
- Mathematics Elective \*
- Program Elective
- Literature & the Moral Imagination

Total (15)

## Second Semester

- PHYS 366 - Optics: Phys & Engineering
- PHYS 367 - Optics: Phys & Engineering Lab
- Program Elective
- Mathematics Elective \*
- Theological Perspectives
- Historical Perspectives

Total (16)

## Senior Year

### First Semester

- Program Elective
- PHYS 395 - Physics Research
- ENGR 370 - Fluid Mechanics
- Creative Perspectives
- Diversity Curriculum Requirement (DCR) or General Elective

Total (13)

### Second Semester

- ENGR 342 - Material Science
- PHYS 398 - Physics Thesis
- Humanities Elective
- Philosophical Perspectives
- Ethics/Religion and Society (E/RS)

Total (13)

## Student Entering in Odd Year

### Freshman Year

#### First Semester

- ENGR 101 - Intro to Fabrication
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 180 - Differential Calculus
- CORE 100 - First Year Seminar
- CORE 101 - Goa I: Transition to Xavier
- ENGL 101- English Composition

Total (14)

#### Second Semester

- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- MATH 181 - Integral Calculus
- THEO 111 - Theological Foundations
- CORE 102 - Goa II: Beyond Your First Year
- Social Science
- Second Language 101

Total (16)

## Sophomore Year

### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- MATH 220 - Multivariable Calculus
- Second Language 102

Total (17)

### Second Semester

- PHYS 355 - Advanced Lab
- ENGR 180 - Intro to Comp with MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- MATH 230 - Intro to Ordinary Diff Equations
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language 201

Total (17)

## Junior Year

### First Semester

- ENGR 370 - Fluid Mechanics
- Program Elective
- Mathematics Elective \*
- Literature & the Moral Imagination
- Philosophical Perspectives

Total (15)

### Second Semester

- ENGR 342 - Material Science
- Program Elective
- Mathematics Elective \*
- Theological Perspectives elective
- Historical Perspectives

Total (15)

## Senior Year



## First Semester

- PHYS 350 - Theoretical Mechanics
- PHYS 360 - Electromagnetism I
- PHYS 395 - Physics Research
- Creative Perspectives
- Diversity Curriculum Requirement (DCR)

Total (13)

## Second Semester

- PHYS 366 - Optics: Phys & Engineering
- PHYS 367 - Optics: Phys & Engineering Lab
- PHYS 398 - Physics Thesis
- Program Elective
- Humanities Elective
- Ethics/Religion and Society (E/RS)

Total (14)

## Note(s):

\*Students wishing to minor in Applied Mathematics should take MATH 222 as their math elective. Student wishing to major or minor in Mathematics should take MATH 225 as their math elective. One additional course above MATH 225 is then required for the Mathematics Minor.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- Block schedules serve as a recommendation of course sequences, however, special care must be taken to follow the course sequence of the courses within the major. Consult academic advisor to determine the courses offered and when.
- Consult with your academic advisor should you need to deviate from the suggested course sequence due to mathematics placement in MATH 169 - Precalculus or a lower mathematics course.
- DCR & ER/S flags may double count with other core courses. Use "Attribute Type" when searching for courses.
- Core requirements for oral communications, quantitative reasoning, and writing-intensive flagged courses are fulfilled within the Physics curriculum.
- A cumulative average of 2.0 is required in the major courses for graduation.
- A minimum of 120 credit hours is required for the degree. Credit hours required may vary between students due to incoming academic credit, core courses double counting, or mathematics and second language placement results but 120 credit hours must be obtained for graduation.

## Minors

### Electronics Engineering Minor

The Minor in Electronics Engineering aims at teaching students the fundamentals of electronics engineering and introducing them to the exciting applications of modern electronics. The minor is designed to provide students a foundation to explore specialized topics in electronics engineering such as Electrical Circuit Analysis, Semi-conductor Electronics, Digital Logic Circuits, Microprocessors, Communication Theory, and Control Systems.

## Requirements:

### 13 hours of physics and engineering courses:

- PHYS 170 - University Physics I
- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to Comp with MATLAB

- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab

A minimum of 3 hours of electives from:

- ENGR 346 - Signals and Systems
- ENGR 354 - Microprocessors & Digital Syst

4 hours of math pre-requisites:

- MATH 170 - Calculus I

Notes:

- Students who are not majoring in Physics, Applied Physics, or Engineering Physics are required to take 3 hours of electives.
- Student majoring in physics must take 6 hours of electives (instead of 3 hours).
- Applied Physics majors with a concentration in engineering cannot minor in electronics engineering.
- Engineering Physics majors cannot minor in Electronics Engineering
- Biophysics majors who minor in Electronics Engineering cannot count courses that are program electives in Biophysics that also count toward the Electronics Engineering minor.
- Note that ENGR 346, ENGR 348, and ENGR 372 have pre-requisites that are outside of the minor. Most students would therefore be advised to take ENGR 354 as their elective.

## Physics Minor

18 total credit hours are required, as follows:

8 hours of introductory physics courses:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II

10 hours of electives:

- PHYS 206-398 (Refer to Course Descriptions.)

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Political Science

The Department of Political Science offers these degrees and programs:

- The Bachelor of Arts in Political Science
- The Bachelor of Arts in International Studies
- The Minor in Political Communication
- The Minor in Political Science
- The Minor in Political Thought
- The Minor in International Studies
- The Associate degree in Political Science

## Bachelor of Arts

### Political Science, B.A.

Students in political science pursue answers to the vital questions of equity, justice, and peace in the modern world. Our challenging courses consider the best political and social science literature with a view to gaining a deeper understanding of contemporary domestic and foreign controversies, including those of human rights and democracy, equality and race, poverty and social class, terrorism and war. In this way, students confront the promise and limits of political and social solutions to humanity's gravest problems.

The department offers intellectually stimulating introductory courses in the following fields:

- American Government and Politics
- Comparative Government
- Political Philosophy
- International Relations

Courses go beyond the presentation of "nuts and bolts" to explore underlying issues of real significance. Upper level courses are limited in size and scope, allowing students to debate the political and social issues that are of greatest interest to them.

The department has internship programs in Washington, D.C., Columbus, and Cincinnati that allow students to earn course credit. Students may also earn credit for internship experiences closer to home, or by participating in the department's Summer State Politics Internship Program at the Ohio General Assembly. Students can apply what they learn in their courses to the political and social institutions and processes that they experience as interns.

Faculty in the Political Science department help lead study abroad programs in Ireland and Paris, France. Students are also encouraged to undertake a major undergraduate research project under the supervision of a faculty member and to present their research at an undergraduate research conference. In addition, the department's student-run undergraduate research journal, the Xavier Journal of Politics provides students with opportunities to participate in high-level research by participating in the editorial process or submitting their work for publication.

## Requirements for the Political Science Major

### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

### Social Sciences:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Mathematics:

Choose one of the following:

- MATH 116 - Elementary Statistics
- MATH 156 - General Statistics
- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Multivariable Calculus
- PSYC 210 - Statistical Techniques

## Major Requirements:

33 credit hours, as follows

12 hours of political science courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 140 - American Government and Politi
- POLI 277 - International Relations
- POLI 301 - Political Philosophy

3 hours from a choice of either:

- POLI 390 - Sem: International Relations
- POLI 391 - Sem: American Government

18 hours of political science electives selected from:

- POLI 200-490 (Refer to Course Descriptions.)

## Note(s):

- A 2.000 cumulative average must be attained in the political science courses.
- In addition to formal course work, students are encouraged to include experiential learning in their program if they feel it will contribute to their learning goals and objectives. To accomplish this, the department facilitates intern programs in Washington, D.C., Columbus, and Cincinnati, as well as a local internship program that allows students to engage politics close to home. The Political Science major provides breadth which ensures that the student is well grounded in the discipline and at the same time permits flexibility for concentration in a sub-field.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Political Science

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- Second Language I
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- POLI 120 - Comparative Govt and Politics or POLI 140 - American Government and Politics
- MATH 116 - Elementary Statistics or MATH 156 - General Statistics

Total (15)

### Second Semester

- POLI 120 - Comparative Govt and Politics or POLI 140 - American Government and Politics
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language II
- CORE 100 - First Year Seminar or THEO 111 - Theological Foundations
- Scientific Perspectives Elective

Total (15)

## Sophomore Year

### First Semester

- ECON 200 - Microeconomic Principles
- POLI 277 - International Relations
- Quantitative Elective
- Theological Perspectives Elective
- Philosophy 200: Philosophical Perspectives

Total (15)

### Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 301 - Political Philosophy
- Social Science Elective
- Writing Intensive Elective
- Historical Perspectives

Total (15)

## Junior Year

### First Semester

- ENGL 205 / CLAS 205 / GERM 205 / SPAN 205 - Literature & Moral Imagination
- Political Science Elective #1
- Political Science Elective #2
- ERS Elective
- General Elective

Total (15)

## Second Semester

- Political Science Elective #3
- Political Science Elective #4
- DCR Elective
- Natural Sciences + Lab Elective
- General Elective

## Senior Year

### First Semester

- POLI 390 - Sem: International Relations or POLI 391 - Sem: American Government
- Political Science Elective #5
- Humanities Elective
- General Elective
- General Elective

Total (15)

### Second Semester

- Political Science Elective #6
- Creative Perspectives Elective
- Oral Elective
- General Elective
- General Elective

## Scheduling Notes:

- Summer Study Abroad and Internship courses may reduce the number of POLI electives and credit hours needed during the Fall and Spring semesters.

## Associate of Arts

## Political Science, A.A.

## Core Curriculum Requirements:

## Concentration Requirements:

15 credit hours, as follows

9 hours of political science courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 140 - American Government and Politi
- POLI 277 - International Relations

3 hours from a choice of either:

- POLI 301 - Political Philosophy
- POLI 350 - Political Theory & Amer Polity

3 hours for an elective from:

- POLI 200-490 (Refer to Course Descriptions.)

## Note(s):

- A 2.000 cumulative average must be attained in these political science courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## Minors

### Political Communication Minor

The minor in political communication enables students to explore the process through which citizens learn about the political process and the institutions, people and decisions that impact the world around us. The minor also provides students with an opportunity to develop oral and writing skills that are central to the students' academic and social development, while enhancing their ability to understand the political process and contribute effectively to civic life.

18 total credit hours required

- POLI 140 - American Government and Politi
- POLI 359 - Campaigns, Elections & Parties
- COMM 206 - Writing for the Media
- COMM 221 - Introduction to Digital Media
- COMM 385 - Media, Democracy & the Public
- POLI 246 - Mass Media and Politics
- POLI 399 - Political Comm Internship
- COMM 398 - Communication Internship I

## **Political Science Minor**

15 total credit hours are required, as follows:

9 hours of political science courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 140 - American Government and Politi
- POLI 277 - International Relations

3 hours from a choice of either:

- POLI 301 - Political Philosophy
- POLI 350 - Political Theory & Amer Polity

3 hours for an elective from:

- POLI 200-490 (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these political science courses.

## **Race, Intersectionality, Gender, and Sociology**

The Department of Race, Intersectionality, Gender, and Sociology offers these degrees and programs:

- The Bachelor of Arts in Sociology
- The Bachelor of Arts in Gender and Diversity Studies
- The Minor in Sociology
- The Minor in Gender and Diversity Studies
- The Associate in Sociology



## **Bachelor of Arts**

### **Gender and Diversity Studies, B.A.**

The Gender and Diversity Studies major develops students' critical thinking skills, knowledge base, and intellectual frameworks for analyzing and exploring the nature of diversity. The program focuses on the socioeconomic, political, psychological, and cultural experiences and positions between and among individuals and groups defined by gender, race, sexual orientation, ethnicity, socioeconomic class, age, religious beliefs, and physical/mental abilities.

#### **Core Curriculum Requirements:**

Consult the Undergraduate Core Curriculum of the catalog.

#### **Required Courses for All Concentrations:**

All undergraduate students are required to take thirty-six credit hours of approved courses to fulfill one of three tracks offered in the major;

1. A general major in Gender and Diversity Studies (36 credit hours distributed across the modules).
2. A major in Gender and Diversity Studies with a concentration (18 credit hours required) in Women and Gender.
3. A major in Gender and Diversity Studies with a concentration (18 credit hours required) in Race and Ethnicity.

Students seeking a Women & Gender concentration must choose courses designated (W) below where there is an option to do so.

Students seeking a Race and Ethnicity concentration must choose courses designated (R) below where there is an option to do so.

#### **Introductory Course:**

- SOCW 206 - Intro to Gender & Diversity St

#### **Theory Course (choose one):**

- ENGL 366 - Feminist Theory
- SOCI 365 - Contemporary Social Theory

#### **Diversity in American Culture Course (choose one):**

These courses focus on the impact that the social, economic and cultural struggles of gendered, racial and ethnic minorities and/or women have had on the history and culture of the United States of America.

- ENGL 484 - African-American Literature (R)
- ENGL 489 - American Minority Literature (R)
- HIST 233 - Women In American History (W)
- HIST 324 - African-Am Struggle for Equity (R)

- SOCI 250 - Racial Ethnic Minorities (R)
- SOCI 262 - Gender and Society (W)
- SOCW 318 - Trends in Modern Soc: Race Rel (R)
- SOCW 325 - Gender Identity & Intersection (w)

## Diversity in a Global Context (choose one):

These courses examine how racial, religious, and ethnic differences have shaped the history and culture of different regions across the globe.

- ENGL 344 - Major Black Writers of World (R)
- ENGL 352 - African Literature (R)
- HIST 231 - Transatlantic Slave Trade (R)
- HIST 275 - Urban Imaginaries In Asia (R)
  
- HIST 395 - History of South Africa (R)
  
- POLI 219 - Irish Government and Politics
- POLI 224 - Middle East Politics
- POLI 320 - Global Islamic Politics (R)
- SPAN 351 - Latin-American Civilization I (R)
- SPAN 352 - Latin Amer Trad & Pop Cult (R)

## Intersectionality Course (3 credit hours):

A 300-level course that explores both the social construction of identity and multiple axes of identity and difference, taking into consideration the various ways they may interrelate or intersect.

- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- ENGL 359 - Gender & Diversity in Film
- HIST 324 - African-Am Struggle for Equity
- SOCW 315 - Values, Human Rights, Advocacy
- SOCW 318 - Trends in Modern Soc: Race Rel
- SOCW 404 - Rel/Ethics & Profession Pract
- SPMG 410 - Sport Ethics
- THEO 322 - Black Theology
- THEO 358 - Immigration Theology & Ethics
- THEO 372 - Disability, Ethics & Theology

## Capstone Experience (3 credit hours):

In the Spring of senior year, all GDST students will submit a thesis for public defense. Students are expected to independently design and complete a research-based project on a specific diversity studies topic that synthesizes the scholarly literature in at least two of the disciplines that inform diversity studies and presents a clear, arguable thesis supported by evidence drawn from appropriate sources. To this end, students will take a one credit hour thesis direction course in the Fall of senior year, GDST 498. Students will design their projects, identify two faculty readers from two different disciplines, work both independently and in groups, and complete a polished proposal by the end of the course. Students will then sign up for two credit hours of tutorials in the Spring, GDST 499, one with each of their thesis readers. All thesis readers must be GDST affiliated faculty and must be approved by the director of the program as well as the chairs of the faculty members' respective home departments. The focus of the thesis is multidisciplinary and addresses issues concerning gender and diversity studies that stem from the student's own elective concentration or interests. For example, projects may include an internship component or be limited to textual analysis depending on the primary methodologies of the disciplines with which students are working.

## Elective Courses (18 credit hours):

The remaining 18 credit hours elective courses must come from three or more disciplines. Students choosing a Women & Gender or Race & Ethnicity concentration must complete at least nine of their elective credit hours with courses that have the appropriate (W) or (R) designation. Otherwise, students may choose any course approved as a Gender and Diversity Studies elective at the 200-level or above.

# TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.A. Gender and Diversity Studies

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### Fall Semester

- First Year Seminar OR Theology 111
- PHILOSOPHY 100 Introduction to Ethics
- Historical Perspectives
- Second Language I
- CORE101
- General Elective

#### Spring Semester

- Theology 111 OR First Year Seminar
- ENGLISH 101 English Composition
- Mathematical Perspectives
- Second Language II
- Philosophy 200 Philosophical Perspectives
- CORE 102

### Sophomore Year

#### Fall Semester

- Intro to Gender and Diversity Studies
- Diversity in American Context course
- Scientific Perspectives
- Writing Intensive Elective
- E/RS elective

#### Spring Semester

- Diversity in a Global Context
- Natural Science Elective
- Theological Perspectives
- Creative Perspectives
- General Elective

### Junior Year

#### Fall Semester

- Gender and Diversity Studies Intersectionality Course
- Gender and Diversity Studies Elective
- ENGLISH 205 Literature and Moral Imagination
- Humanities Elective
- General Elective

## Spring Semester

- Gender and Diversity Studies Theory Course
- Gender and Diversity Studies Elective
- Soc. Sci core Elective
- Oral Communications Elective
- General Elective

## Senior Year

### Fall Semester

- Gender and Diversity Studies elective
- Gender and Diversity Studies elective
- Gender and Diversity Studies 498 - Gender and Diversity Studies Capstone
- General Elective
- General Elective

### Spring Semester

- Gender and Diversity Studies elective
- Gender and Diversity Studies elective
- Gender and Diversity Studies 498 - Gender and Diversity Studies Capstone
- General Elective
- General Elective

## Sociology, B.A.

Sociology is the scientific study of the relationship between human behavior and the larger social and historical context. Sociologists seek to discover regularities and order in social behavior and to express these patterns as theoretical generalizations that apply to a wide range of behaviors and settings. General and specialized areas of study are covered. Specific areas of focus include cultural diversity, inequality, and social change. Requirements are designed to provide a strong foundation in social theory and research methods while allowing students flexibility in the design of their programs. The department encourages experiential learning, including internships and international study abroad. Along with the significant contribution sociology makes to a liberal arts education, the program prepares the Sociology major for graduate study in a variety of fields and a broad range of careers, including: (1) graduate study in sociology, counseling, business, or education, among others; (2) graduate study in the professions, such as law; (3) careers in research, in the public or private arena; (4) careers in organizations, such as administration and consultant positions in business, government, and community agencies and organizations; (5) community change-oriented positions in such fields as nonprofit management, public health, or urban planning.

## Requirements for the Sociology Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

## Mathematics:

Take Statistics with either

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics

## Social Sciences Requirement:

- Included within the major requirements.

## Major Requirements:

30 credit hours, as follows

18 hours as follows:

- SOCI 101 - Introduction to Sociology
- SOCI 180 - Culture & Society
- SOCI 200 - Foundational Social Thought
- SOCI 352 - Investigating Social Life I
- SOCI 353 - Investigating Social Life II
- SOCI 365 - Contemporary Social Theory

12 hours of upper-division electives from:

- SOCI 200-499 (Refer to Course Descriptions )

## Note(s):

- A 2.000 cumulative average must be attained in the sociology courses.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.A. Sociology

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

## First Semester

- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- Second Language
- History I Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
- CORE 100
- CORE 101
- SOCI 101 - Introduction to Sociology

## Second Semester

- Second Language
- Historical Perspectives
- Mathematical Perspectives
- CORE 102
- THEO 111 - Theological Foundations
- SOCI 180 - Culture & Society

## Sophomore Year

### First Semester

- ENGL 205 - Literature & Moral Imagination
- Philosophical Perspectives
- Scientific Perspectives
- Humanities Elective
- SOCI 200 - Foundational Social Theory

### Second Semester

- MATH 116 - Elementary Statistics or SOCI 365 - Contemporary Social Theory
- Theological Perspectives
- Natural Science Elective
- Social Science Elective
- MATH 156 - General Statistics

## Junior Year

### First Semester

- SOCI 352 - Investigating Social Life I
- Creative Perspectives
- Sociology Elective
- General Elective
- General Elective

### Second Semester

- SOCI 353 - Investigating Social Life II
- Sociology Elective

- General Elective
- General Elective
- General Elective

## Senior Year

### First Semester

- Sociology elective
- General elective
- General elective
- General elective
- General elective

### Second Semester

- Sociology elective
- General elective
- General elective
- General elective
- General elective
- CORE 499

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## **Associate of Arts**

### **Sociology, A.A.**

#### Core curriculum requirements:

Undergraduate Core Curriculum

#### Concentration Requirements:

15 credit hours, as follows

#### 3 hours of elective course from:

- SOCI 200-499 (Refer to Course Descriptions.)

12 hours of sociology courses from:

- SOCI 101 - Introduction to Sociology
- SOCI 180 - Culture & Society
- SOCI 352 - Investigating Social Life I

Note(s):

- A 2.000 cumulative average must be attained in the sociology courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## Minors

### Gender and Diversity Studies Minor

The Gender and Diversity Studies (GDST) Minor is an **18-hour** interdisciplinary minor open to all Xavier undergraduates and compatible with any major. The minor acquaints students with scholarship on gender and diversity in their broadest, most inclusive sense. Courses in the minor facilitate the development of students' critical thinking skills, knowledge base, and intellectual frameworks for analyzing and exploring the nature of diversity including socioeconomic, political, psychological, and cultural experiences and positions between and among individuals and groups defined by gender, race, sexual orientation, ethnicity, socioeconomic class, age, religious beliefs, and physical/mental abilities. Students in the minor examine the individual and collective experiences of traditionally disenfranchised as well as privileged social groups, investigating the conceptual roots of identity as well as similarities and differences among them.

### 18 Credit Hours

Students are required to take the following course:

- SOCW 206 - Intro to Gender & Diversity St

One Upper-Level Course from the following:

These classes explore both the social construction of identity and multiple axes of identity and difference, taking into consideration the various ways they may interrelate or intersect:

- COMM 323 - Race, Class, Gender & Media
- COMM 324 - Sex and Violence In Media
- ENGL 359 - Gender & Diversity in Film
- HIST 324 - African-Am Struggle for Equity
- PSYC 385 - Proc of Intergroup Dialogue
- SOCW 315 - Values, Human Rights, Advocacy
- SOCW 318 - Trends in Modern Soc: Race Rel
- SOCW 338 - Lesbian Gay BTQ Studies
- SOCW 404 - Rel/Ethics & Profession Pract
- SPMG 410 - Sport Ethics
- THEO 322 - Black Theology
- THEO 358 - Immigration Theology & Ethics
- THEO 372 - Disability, Ethics & Theology



## 12 Credit Hours of Approved GDST Electives

### Notes:

- Students must take courses in at least three different disciplines.
- Students must maintain at least a 2.000 GPA in courses for the minor.
- Half of the credit hours must be in courses at the 200-level or above.
- For information regarding the minor, contact the director.

## Sociology Minor

15 credit hours are required, as follows:

9 hours from:

- SOCI 101 - Introduction to Sociology
- SOCI 200 - Foundational Social Thought
- SOCI 352 - Investigating Social Life I

6 hours of elective courses selected from:

- SOCI 200-499 (Refer to Course Descriptions.)

### Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Theology

The Department of Theology offers the Bachelor of Arts, the Associate of Arts and the Master of Arts in Theology degrees.

Also offered are minors in Theology, Religious Education, Spirituality & Solidarity, and Health, Ethics and Spirituality.

### Bachelor of Arts

#### Theology, B.A.

Theology is the study both of the human experience of God and of the transmission of that experience through religious traditions, doctrines, ethics, and rituals. It is essentially a dialogue between religious traditions and human experience. Such dialogue is critical for human understanding in a time of increased encounters among world religions. The

theology faculty attempts to assist students in this critical dialogue through courses about religious traditions, especially the Jewish, Christian, and Muslim traditions, and by other courses that focus on contemporary issues from a theological perspective. The theology major prepares students for graduate studies in theology, law, history, journalism, and other forms of communication, as well as for directing religious education, teaching religious studies in secondary schools, and other forms of ministry. With appropriate counseling, a student can combine this major in the liberal arts with a major in another field (e.g. classics, business, biology, English, history, psychology, secondary education), both for the student's personal enrichment and in view of broader career opportunities.

Undergraduates who attend Xavier University have a unique opportunity to begin work towards their master's degree during their undergraduate programming. The 5-year path, concluding with both the Bachelor of Arts and Master of Arts degrees, provides a focused, cost-effective way for our most qualified undergraduate students to prepare for a broad variety of professional careers in the service of faith and the promotion of justice in a diverse and pluralistic world.

## Requirements for the Theology Major

### Core Curriculum Requirements:

48 credit hours, including

#### Theology Requirement:

- Included within the major.

### Major Requirements:

31 credit hours, as follows

#### 12 hours of foundational courses:

- THEO 111 - Theological Foundations
- THEO 209 - Exploring the Christian Past I or
- THEO 210 - Exploring Christian Past II
- THEO 303 - Christian Ethics: Methods & Q
- THEO 328 - Intro to Christian Scriptures or
- THEO 351 - Intro to Hebrew Scriptures

#### 3 hours of a common seminar:

- THEO 295 - Map to Theological Diversity

#### 1 hour of a theological project:

- THEO 490: Senior Project

#### 15 hours of a required concentration:

Christian Life and Community

In this concentration, majors choose one course from each of the following categories:

- Scripture: The biblical course must be from the testament not chosen as the foundational biblical course.
- Historical Theology: The historical course must be from the period not chosen as the foundational historical course.
- Perspectives on God and the Human Person
- Spirituality
- Community & Christian Practice

## Contemporary Ethical and Religious Challenges

In this concentration, students take THEO 386, Spirituality and Solidarity, and four additional courses from the following categories:

- One course from Scripture: The biblical course must be from the testament not chosen as the foundational biblical course.
- One course in interreligious dialogue or non-Christian religious tradition.
- Any two theology courses from an approved list of courses giving substantive attention to contemporary ethical challenges or to contemporary religious challenges.

## Interfaith Concentration

The Interfaith Concentration offers theology majors an educational experience that prepares them for becoming global citizens by equipping them with conceptual and practical tools to analyze and engage a religiously pluralistic world and to create meaningful and transformative lives. A particular focus is a deep understanding of the impact of the Abrahamic traditions upon contemporary civilization and culture. This concentration would be particularly beneficial for students preparing for campus ministry, as they provide formation in interreligious literacy and collaboration.

Students will take:

- THEO 363: Comparative Theology (required)
- Two courses from this required category. One course must deal substantively with Judaism; one other course must deal substantively with Islam:
  - THEO 283: Jewish-Christian Dialogue
  - THEO 347: Holocaust, Religion and Ethics
  - THEO 352: Judaism: Customs, Practices and Beliefs
  - THEO 354: Race, Gender, and Islam
  - THEO 355: Introduction to Islam
  - THEO 357 Islamic Philosophy and Theology
  - THEO 376 Sufism
  - HIST 262 Jewish Civilization II
  - HIST 263 Jewish Civilization III
- Two elective courses that have substantive content concerning non-Christian religions or interreligious/interfaith encounters:
  - THEO 335 African Religions
  - THEO 342 World Religions
  - THEO 343 Dialogue Among World Religions
  - THEO 359 Confucianism and Taoism
  - THEO 368 Buddhism
  - THEO 374 Buddhist-Christian Exploration
  - THEO 442 Seminar in Israel
  - THEO 444 World Religions and Environment

## Build Your Own Concentration

In this concentration, students, together with the student's faculty adviser and with the approval of the chair, choose a coherent course of studies comprised of five courses, in addition to the foundational courses that every major completes. This option is available only to students who have demonstrated high academic performance and seriousness of purpose in the foundational theology courses. Normally, the student may not choose this option before the completion of at least three of the foundational courses.

Note(s):

- A 2.000 cumulative average must be attained in the theology courses.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

**B.A. Theology**

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- First Year Seminar (CORE 100) (3)
- Second Language 1 (3)
- General Elective (3)
- General Elective (3)

Total (15)

### Second Semester

- THEO 111 - Theological Foundations
- Second Language 2 (3)
- Historical Perspectives (3)
- General Elective (3)
- General Elective (3)

Total (15)

## Sophomore Year

### First Semester

- THEO 209 - Exploring the Christian Past I or THEO 351 - Intro to Hebrew Scriptures
- First Theology course in chosen concentration
- PHIL 100 - Ethics as Intro to Philosophy
- Mathematical Perspectives (3)
- Creative Perspectives (3)

Total (15)

### Second Semester

- THEO 210 - Exploring the Christian Past II or THEO 328 - Intro to Christian Scriptures
- Second Theology course in chosen concentration
- Philosophical Perspectives (3)
- Scientific Perspectives (3)
- General Elective (3)

Total (15)

## Junior Year

## First Semester

- THEO 303 - Christian Ethics: Methods & Questions
- THEO 295 - Map to Theological Diversity
- Literature 205 - Literature & Moral Imagination
- Natural Sciences Elective (3)
- Oral Communications Flag\*\*

Total (15)

## Second Semester

- Third Theology course in chosen concentration
- Fourth Theology course in chosen concentration
- Diversity Core Requirement (DCR) Flag\*
- Social Sciences Elective
- Humanities Elective (3)\*\*\*

Total (15)

## Senior Year

### First Semester

- THEO 490 - Senior Project (1)
- Fifth Theology course in chosen concentration
- E/RS Flag (3)
- Writing-Intensive Flag (3)\*\*
- Quantitative Reasoning Flag (3)\*\*
- General Elective

Total (16)

### Second Semester

- General Elective (3)
- General Elective (3)
- General Elective (3)
- General Elective (3)
- General Elective (2 or 3)

Total (14 or 15)

### Note(s):

- \* Any course in the THEO 200s sequence may fulfill the Theological Perspectives core requirement.
- \*\* The five flags (E/RS, Oral Communications, Writing-Intensive, Diversity Core Requirement, Quantitative Reasoning) can double-count liberally with major and core.
- \*\*\* Any course in the THEO 300s or 400s sequence may fulfill the Humanities Elective or Theological Perspectives core requirement. The Humanities Elective may not double count as an E/RS flag (though may be an E/RS flagged course).

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core.

## **Associate of Arts**

### **Theology, A.A.**

#### **Core Curriculum Requirements:**

See Undergraduate Core Curriculum

#### **Concentration Requirements:**

18 total credit hours, as follows:

6 hours of upper division electives from:

- THEO 201-499 (Refer to Course Descriptions.)

12 hours of required theology courses from:

- THEO 111 - Theological Foundations
- THEO 209 - Exploring the Christian Past I or
- THEO 210 - Exploring Christian Past II
- THEO 328 - Intro to Christian Scriptures or
- THEO 351 - Intro to Hebrew Scriptures
- THEO 303 - Christian Ethics: Methods & Q

#### **Note(s):**

- A 2.000 cumulative average must be attained in these theology courses.

## **Requirements for all Associate's Degrees**

See Requirements for Degrees, Majors, Minors, and Certificates

# Master of Arts

## Theology, M.A.

The mission of Xavier's theology program is to provide a transformative theological education from a Catholic and ecumenical perspective inspired by the documents of the Second Vatican Council and the 35th General Congregation of the Society of Jesus. Accordingly, our mission empowers graduate students to think theologically, analyze issues from a Catholic and interreligious perspective, and act responsibly in the world for the promotion of peace and justice.

Our graduate program in theology provides students with a firm foundation in Christian theology through the study of scripture, tradition and ethics. The program is flexible enough to accommodate a wide variety of interests while equipping students with the historical awareness and professional resources necessary to enter or advance in careers such as teaching, ministry or writing, to pursue doctoral work, or to promote the students' personal spiritual development.

Because no definite amount of previous study of theology is prerequisite for admission to the program, students may vary considerably in their preparation. Ordinarily, applicants should have a background in the humanities, but each applicant will be considered individually. Students without sufficient undergraduate background in theology or religious studies will normally be admitted on a conditional basis, with a requirement to get grades of 'B' or above in their first two classes in order to continue in the program. All applicants must have a bachelor's degree from a regionally accredited institution. An undergraduate GPA of 2.700 or better is preferred.

The MA in Theology will require satisfactory completion of 30 semester hours of graduate work (i.e. ten courses or nine courses plus a thesis), all of which must be at the graduate (500-800) level.

Undergraduates who attend Xavier University have a unique opportunity to begin work towards their master's degree during their undergraduate studies. The 5-year path provides a focused, cost-effective way for our most qualified undergraduate students to prepare for a broad variety of professional careers.

## Institute for Spirituality and Social Justice (ISSJ)

The Institute for Spirituality and Social Justice of Xavier's Theology Department empowers constructive theological reflection and responsible social action through three tracks: (1) General Theology, (2) Ethics and Spirituality, and (3) Pastoral and Social Ministry. Each of the three tracks is designed to cultivate depth of thought, imagination, and critical skills in a world challenged by violence, social inequity, and environmental instability. In addition to graduate degrees, the Institute also offers programs, workshops, retreats, and certificate programs. The Institute is rooted in a rich tradition of spiritual practices coupled with rigorous intellectual inquiry and social analysis which manifests the Jesuit commitment to work in the service of faith and the promotion of justice in a diverse and pluralistic world.

### Degree requirements:

30 total credit hours are required, as follows:

12 credit hours of required courses:

- THEO 504 - Liberating Bible
- THEO 547 - Ethics For a Planetary Crisis
- THEO 624 - Theological Imagination

18 credit hours of a Concentration (choose one):

#### General Theology Concentration

- Six THEO electives (18 credit hours) + dossier/reflective essay

or

- Five THEO electives (15 credit hours) + 3 credit hour thesis

## Ethics and Spirituality Concentration

18 credit hours, including

- Two courses in Ethics
- Two courses in Spirituality
- One of the following:
  - Two THEO electives + dossier/reflective essay
  - One THEO elective + 3 credit hour thesis

## Pastoral and Social Ministry Concentration

18 credit hours, including

- THEO 631 - Ethics in Ministry
- One course in Spirituality
- One graduate level Counseling course
- Internship/THEO 715 or CPE (Clinical Pastoral Education)
- One of the following:
  - Two THEO electives + dossier/reflective essay
  - One THEO elective + 3 credit hour thesis

## Note(s):

The MA program in Theology invites applications from students with a bachelor's degree and a solid academic record. Admission decisions are based on factors such as past academic performance, optional standardized test score, interview, and other information submitted.

Further information and application materials may be obtained from the Office of Graduate Services, 513 745-3360.

## Minors

### Health, Ethics and Spirituality minor

The Health, Ethics and Spirituality minor, a collaboration between the Department of Theology and the healthcare-related programs at Xavier, will provide enhanced integrative opportunities for students specializing in the health sciences to deepen their engagement with questions of meaning, purpose, and value, and to explore issues of spiritual and ethical concern most relevant to health care professionals.

15 credit hours

### Required Courses

- THEO 111 - Theological Foundations
- THEO 312 - Christian Health Care Ethics

9 credit hours from the following:

- THEO 312 - Christian Health Care Ethics (if THEO 340 is taken as the required minor course)
- THEO 327 - Religion and Bioethics
- THEO 372 - Disability, Ethics & Theology
- THEO 313 - Christian Sexual Ethics



- THEO 315 - Contemporary Ethical Issues
- THEO 374 - Buddhist Christian Exploration
- THEO 345 - The Challenge of Peace
- THEO 386 - Spirituality & Solidarity
- THEO 416 - Theology and Trauma

## Religious Education Minor

The Religious Education minor is designed to prepare theology majors to meet the Archdiocese of Cincinnati's professional requirements for Catholic High School Religion Teacher Certification. The Religious Education minor alone does not suffice to meet those professional requirements. Rather, the theology major must be completed in addition to this minor in order to satisfy the necessary educational requirements for archdiocesan certification. The certification standards of other Catholic dioceses are similar to Cincinnati's, but students are strongly encouraged to check with the diocese where they plan to teach religion.

**The Religious Education minor is only available to students majoring in Theology.**

19 total credit hours are required, as follows:

- EDFD 110 - Advanced Human Development
- EDSP 380 - Classroom Management
- EDMS 411 - Clinical Experiences
- EDMS 471 - Student Teaching: Multi-Age

Note(s):

- A 2.70 minimum cumulative average must be attained in all Theology courses and the courses for the minor. The Theology Department will also assess a student's readiness to teach in January of their junior year.

## Spirituality and Solidarity Minor

18 total credit hours are required, as follows:

- THEO 111: *Theological Foundations*
- THEO 386: *Spirituality and Solidarity*
- An approved course in spirituality (Christian, Buddhist, or another tradition)
- An approved course focusing on social and/or ecological issues (such as poverty, hunger, violence, immigration, gender, race, climate change, etc.)
- Six hours of electives from THEO 201-499

Note:

Courses used to complete the Spirituality and Solidarity minor may not double-count in meeting the requirements of the Theology minor.

## Theology Minor

18 total credit hours are required, as follows:

12 hours of theology courses from:

- THEO 111 - Theological Foundations
- THEO 209 - Exploring the Christian Past I or  
• THEO 210 - Exploring Christian Past II
- THEO 351 - Intro to Hebrew Scriptures or  
• THEO 303 - Christian Ethics: Methods & Q
- THEO 328 - Intro to Christian Scriptures

6 hours of electives from:

- THEO 201-499 (Refer to Course Descriptions.)

Note(s):

- The core curriculum theology requirement is included within the minor.
- A 2.000 cumulative average must be attained in these courses.
- Courses used to complete the Theology minor may not double-count in meeting the requirements of the Spirituality and Solidarity minor.

## Other Programs

## Institute for Spirituality and Social Justice

### Institute for Spirituality and Social Justice

The ISSJ of Xavier's Theology Department empowers constructive theological reflection and responsible social action through three tracks, including (1) General Theology, (2) Ethics and Spirituality, and (3) Pastoral and Social Ministry. Each track includes offerings in three areas, (1) Programs, Workshops, and Retreats, (2) Certificates, and (3) Graduate Degrees. Each of the three tracks in all three areas is designed to cultivate depth of thought, imagination, and critical skills in a world challenged by violence, social inequity, and environmental instability. Distinctive features of the Institute include experiential learning through spiritual formation, practicums/internships, and the program capstone. The Institute is rooted in a rich tradition of spiritual practices coupled with rigorous intellectual inquiry and social analysis which manifest the Jesuit commitment to work in the service of faith and the promotion of justice in a diverse and pluralistic world.

For more information, call the Director of the M.A. in Theology, at 513 745-2894 or email [issj@xavier.edu](mailto:issj@xavier.edu).

## College of Nursing

### College of Nursing

Following the precepts put forth in Xavier University's mission statement and Jesuit tradition, the faculty of the College of Nursing affirms its mission to educate undergraduate and graduate students with an emphasis on preparing them to be nursing leaders and scholars in the delivery of interprofessional, collaborative, holistic care in a complex, population-based, dynamic health care environment and diverse socio-political global community. Ignatian values frame the faculty and students' personal and professional development, their scholarship, leadership and service.

The College of Nursing's mission statement and philosophy are accessible to current and prospective students, faculty and other constituents and can be found at: <http://www.xavier.edu/nursing-graduate-programs/mission.cfm>. Faculty eagerly embrace the challenge to prepare the next generation of nurse professionals to work and lead in the nation's evolving health care system.

The College offers a baccalaureate degree, a master's degree and doctor of nursing practice degree. There are three pre-licensure program options: the Bachelor of Science in Nursing (BSN), the Accelerated BSN (ABSN), and the Master of Science in Nursing: Director Entry as Second Degree (MIDAS). There is one pathway to the master's degree: a traditional masters for nurses with a BSN.

Also offered are three dual degrees: MSN/MBA\*, MSN/MEd, and MSN/MSJ.

Two post-master's certificate options are available to registered nurses with a Master of Science in Nursing: family nurse practitioner and psychiatric/mental health nurse practitioner. Students completing the program are eligible to sit for the family nurse practitioner certification and psychiatric mental health nurse practitioner exams.

The Doctor of Nursing Practice (DNP) in Population Health Leadership program is a population health focused post-master's program for nurses from a variety of practice settings to become leaders in addressing the complexity of health care outcomes in the 21st century.

The baccalaureate degree program in nursing, master's degree program in nursing, Doctor of Nursing Practice program and post-graduate APRN certificate program at Xavier University are accredited by the Commission on Collegiate Nursing Education <http://www.ccnaccreditation.org>

Enrolled students must present evidence of the following **prior to entrance in all clinical/practicum courses and as required:**

1. Completed HIPAA Requirements and OSHA requirements
2. MMR immunization
3. Proof of varicella (chicken pox) immunization/immunity
4. Completed Hepatitis B series
5. Annual tuberculosis screening
6. Up to date Tdap vaccination (Adacel)
7. Annual physical examination completed by health care provider
8. Current BLS training for healthcare providers provided by the American Heart Association (part 1 and part 2).
9. Proof of current health care coverage throughout nursing program
10. Liability insurance (\$2,000,000/\$4,000,000), purchased through the University and billed to student's account.
11. Influenza (annual) vaccine by required date
12. RN licensure in the United States and in the state in which the student will participate in clinical rotations (required for individuals enrolled in graduate nursing for registered nurses programs only). This requirement does not apply to students in the BSN, ABSN or MSN MIDAS program.
13. Annual federally regulated background check
14. Annual federally regulated drug test
15. Release of Records authorization
16. Fire safety training verification
17. Assumption of risk and release agreement
18. Additional clinical requirements may be necessary depending on the clinical site.

Further details can be found in: Student Health and Background Check Requirements for the College of Nursing policy.

In addition to costs associated with the above listed requirements, students are responsible for costs related to providing their own transportation to and from clinical sites, clinical supplies and required uniforms.

Go to <https://www.xavier.edu/msn/Admission.cfm> to reference graduate admission requirements for registered nurses.

Go to <https://www.xavier.edu/msn/midas.cfm> to reference MSN MIDAS graduate admission requirements.

## College of Nursing

### Bachelor of Science in Nursing

### Nursing - Accelerated (ABSN), B.S.N.

The Accelerated Bachelor of Science in Nursing (ABSN) program is for individuals who have bachelor degrees in other fields and wish to become registered nurses. This program builds upon the current BSN degree program which is fully approved by the Commission Collegiate on Nursing Education (CCNE) and approved by the Ohio Board of Nursing. Admission to the ABSN program will follow the successful completion of a bachelor's degree from an accredited program. For more information, see <https://acceleratednursing.xavier.edu/>.

The following four program objectives guide the ABSN program: 1. Demonstrate scholarship through critical thinking vital to professional judgement and ethical/moral decision making; 2. Exemplify service by valuing the dignity and worth of each person while providing thoughtful, compassionate and competent professional care with clients in transition; 3. Demonstrate leadership by coordinating, delegating, collaborating and maintaining collegial relationships with other members of the interdisciplinary health care team to promote the health and welfare of clients; and, 4. Value personal and professional growth through involvement in professional activities and by assuming responsibility for professional competence and continuing education.

The 63 credit hour curricula for the ABSN program is sequentially and logically structured to achieve expected individual and aggregate student outcomes related to program objectives. Didactic content is applied to health care delivery in eight (8) practicum courses over program. Practicums are started in the first semester. Content becomes more complex with each succeeding semester. Students are gradually placed in more complex health care environments within the community (i.e. schools, nursing homes, hospitals, rehabilitation centers and home health) and end their course of practicum study with an immersion experience. Successful completion of objectives for individual courses within the nursing major at each level provides the knowledge and skills necessary for a smooth transition to the next level. Upon completion of the program, students will have provided nursing care to individuals across the life span with diverse cultural backgrounds. The combined course work promotes student achievement of program objectives.

### Admission Criteria

Applicants must have bachelor degrees from accredited programs with a GPA of 2.7 or better. Students must also complete Anatomy and Physiology and Microbiology prerequisite courses.

## Major Requirements

- NURS 100 - Survey of Professional Nursing
- NURS 110 - Health, Culture and Diversity
- NURS 200 - Foundations of Nsg Practice I
- NURS 201 - Found of Nurs Prac I Practicum
- NURS 202 - Foundations of Nsg II
- NURS 203 - Found of Nurs Pra II Practicum
- NURS 260 - Pathophysiology I
- NURS 261 - Pathophysiology II
- NURS 270 - Pharmacology I
- NURS 271 - Pharmacology II
- NURS 300 - Nrsg Concepts Mental Hlth I
- NURS 301 - Nrsg Ccpts Ment Hlth I Pract
- NURS 302 - Nrsg Concepts Mental Hlth II
- NURS 303 - Nrsg Ccpts Ment Hlth II Pract
- NURS 330 - Nursing Research
- NURS 340 - Obstetric Womens Health
- NURS 341 - OB Womens Health Pract
- NURS 342 - Pediatric Nursing
- NURS 343 - Pediatric Nursing Pract
- NURS 350 - Nursing Care of the Adult I
- NURS 351 - Nursg Care Adult I Pract
- NURS 352 - Nursing Care of the Adult II
- NURS 353 - Nrsg Care of the Adult 2 Pract
- NURS 354 - Nursing Care of the Adult 3
- NURS 355 - Nrsg Care of the Adult 3 Pract
- NURS 430 - Community Health 1
- NURS 431 - Community Health I Pract
- NURS 432 - Community Health 2
- NURS 433 - Comm Health 2 Practicum
- NURS 480 - Nurs Care of Complex Client I
- NURS 481 - Nurs Care Comp Client 1 Prac
- NURS 482 - Nurs Care of Complex Client 2
- NURS 483 - Nurs Care Comp Client 2 Pract
- NURS 499 - Transition to Prof Nurs

## Course Sequence

Each semester is 2 terms. Each term is 8 weeks in length. The entire course of study is 63 credits taught over four semesters.

### First Semester

Total Hours (15)

#### Term 1

- NURS 100 Survey of Professional Nursing
- NURS 200 Foundations of Nursing Practice I
- NURS 201 Foundations of Nursing Practice I Practicum

Total (7)

#### Term 2

- NURS 110 Health, Culture, and Diversity
- NURS 202 Foundations of Nursing Practice 2
- NURS 203 Foundations of Nursing Practice 2 Practicum

Total (8)

## Second Semester

Total Hours (15)

### Term 3

- NURS 260 Pathophysiology I
- NURS 270 Pharmacology I
- NURS 300 Nursing Concepts in Mental Health I
- NURS 301 Nursing Concepts in Mental Health I Practicum

Total (6)

### Term 4

- NURS 261 Pathophysiology II
- NURS 271 Pharmacology II
- NURS 350 Nursing Care of the Adult I
- NURS 351 Nursing Care of the Adult I Practicum
- NURS 302 Nursing Concepts in Mental Health II
- NURS 303 Nursing Concepts in Mental Health II Practicum

Total (9)

## Third Semester

Total Hours (17)

### Term 5

- NURS 352 Nursing Care of the Adult II
- NURS 353 Nursing Care of the Adult II Practicum
- NURS 340 Obstetric/Women's Health Nursing
- NURS 341 Obstetric/Women's Health Nursing Practicum
- NURS 330 Research

Total (10)

### Term 6

- NURS 354 Nursing Care of the Adult III
- NURS 355 Nursing Care of the Adult III Practicum
- NURS 342 Pediatric Nursing
- NURS 343 Pediatric Nursing Practicum

Total (7)

## Fourth Semester

Total Hours (16)

## Term 7

- NURS 480 Nursing Care of the Complex Client I
- NURS 481 Nursing Care of the Complex Client Practicum I
- NURS 430 Nursing Concepts in Community Health I
- NURS 431 Nursing Concepts in Community Health Practicum I

Total (7)

## Term 8

- NURS 482 Nursing Care of the Complex Client II
- NURS 483 Nursing Care of the Complex Client Practicum II
- NURS 432 Nursing Concepts in Community Health II
- NURS 433 Nursing Concepts in Community Health Practicum II
- NURS 499 Transition to Professional Nursing

Total (9)

## Nursing, B.S.N.

The Bachelor of Science in Nursing program is designed for the student who is interested in becoming a professional registered nurse. The graduate is prepared as a generalist to meet the health care needs of diverse populations across the lifespan in an ever-changing, highly technical health care environment. The program is focused on an holistic health and wellness model and educates nurses in the skills of communication, coordination and cooperation with an interprofessional team of health care providers in a variety of settings. Teaching is enhanced by state-of-the-art clinical simulation laboratories and interprofessional learning opportunities.

Students are able to complete a program of study leading to the degree of Bachelor of Science in Nursing (BSN) in one of two tracks: the traditional, four-year track for students with no previous baccalaureate degree or the Accelerated Bachelor of Science in Nursing (ABSN) which is designed for individuals with a baccalaureate degree in other disciplines. All students meet the four program outcomes of scholarship, leadership, service and professional and personal development.

### BSN Traditional Track

The four-year pre-licensure program requires 126 credits for graduation. Xavier's core curriculum requirements complement the innovative nursing curriculum. This well-rounded approach to education enables students to develop critical thinking and communication skills - two qualities essential in today's unpredictable and increasingly complex health care environment.

The BSN traditional track is a selective admission program. Go to: <http://www.xavier.edu/undergraduate-admission/Admission-Process.cfm> to review admission requirements specific to nursing.

## Course Requirements

The 4 year BSN degree program requires undergraduate core curriculum courses, 62 credit hours of nursing courses, additional science courses, one additional math course and one additional social studies course. 120 credit hours are required for a bachelor's degree from Xavier University but due to the additional requirements for nursing major, 126 credit hours are required for the Bachelor of Science in Nursing..

## B.S. in Nursing

This sample course sequence serves as a guideline for progress toward a degree. Seek guidance from your academic advisor.

## Freshman Year

## First Semester

- BIOL 140 Human Anat. & Physiology I
- BIOL 141 Human Anatomy and Physiology I Lab
- Second Language I
- SOCI 101 Intro to Soc. OR SOCW 167 Survey of SW
- CORE 100 First Yr. Seminar or THEO 111 Theo. Found.
- CORE 101 First Yr. Co-Curriculum Program I.
- PHIL 100 Ethics as Intro to Philosophy

Total (16)

## Second Semester

- BIOL 142 Human Anat. & Physiology II
- BIOL 143 Human Anatomy and Physiology II Lab
- Second Language II
- ENGL 101 Composition or ENGL 115 Rhetoric
- CORE 100 First Yr. Seminar or THEO 111 Theo. Found.
- CORE 102 First Yr. Co-Curriculum Program II
- NURS 130 Intro to Nursing (both semesters/split)

Total (16)

## Sophomore Year

### First Semester

- CHEM 150 Physiological Chemistry
- CHEM 151 Physiological Chemistry Lab
- NURS 364 Pathophysiology
- NURS 266 Pharmacology
- NURS 226 Nursing Communication & Assessment
- NURS 227 Nursing Communication & Assessment Practicum

Total (14)

### Second Semester

- Engl/Clas/Span/Fren 205 Lit. & Moral Imagination
- BIOL 200 Microbiology
- BIOL 201 Microbiology Lab
- Historical Perspectives Elective
- NURS 232 Nursing Fundamentals
- NURS 233 Nursing Fundamentals Practicum

Total (16)

## Junior Year

## First Semester

- Theological Perspectives Elective
- Math Perspectives: MATH 116 or 156 (Statistics)
- NURS 362 Adults in Transitions I
- NURS 363 Adults in Transitions I Practicum
- NURS 384 Childbearing Health Transitions
- NURS 383 Childbearing Health Transitions Practicum

Total (16)

## Second Semester

- PSYC 277 - Psychological Disorders
- NURS 370 Nursing Research (Prereq: statistics)
- NURS 382 Health Transitions in Children and Families
- NURS 381 Health Transitions in Child/Families Practicum
- NURS 366 Adults in Transitions II
- NURS 367 Adults in Transitions II Practicum

Total (16)

## Senior Year

### First Semester

- Humanities Elective
- NURS 452 Mental Health Nursing
- NURS 451 Mental Health Nursing Practicum
- NURS 470 Community/Public Health Nursing
- NURS 471 Community/Public Health Nursing Practicum
- PHIL 200 - Philosophical Perspectives

Total (15)

### Second Semester

- NURS 472 Care of the Complex Client
- NURS 473 Care of Complex Client Practicum
- NURS 498 Senior Seminar
- Creative Perspectives Elective
- Nursing Elective

Total (17)

## Scheduling Notes:

- In addition to the University core curriculum requirements, all students must satisfy the 5 flags. The 5 flags include: Diversity (NURS 132 fulfills), E/RS\*, Oral Communication (NURS 130 fulfills), Quantitative Reasoning (CHEM 150, 151 fulfills), Writing (NURS 370 fulfills). \*Nursing students may be able to fulfill the remaining E/RS flag by selecting a Theological Perspectives courses that is also approved as E/RS flag.
- Humanities elective may be satisfied by 1 course from the following: All Classics except 205; ENGL 121+ except 205; FREN 300+, GERM 300+, HIST 200+, PHIL 300+, THEO 300+. Note: Humanities Elective may not double-count as an E/RS flag (though may be E/RS flagged course).
- No Theology course may double-count for both Theological Perspectives and Humanities Elective.
- Each practicum credit is equal to three (3) clock hours per week.
- The nursing elective may also be taken any time after the completion of all 200 level nursing courses.



## Progression Notes:

- A minimum grade of "C" is required in all nursing courses and in science, math and social science courses.
- A cumulative GPA of 2.700 is required to progress to sophomore level and must be maintained throughout the program.

## Master of Science in Nursing

### Nursing, M.S.N.

The Master of Science in Nursing is available for pre- and post-licensure students.

The second degree Nursing, M.S.N. (MIDAS Program - Pre-licensure) is designed for the individual with a bachelor degree in another discipline who wishes to be a registered nurse. See MIDAS information and curriculum at [www.xavier.edu/msn/midas](http://www.xavier.edu/msn/midas). See admission for MSN MIDAS at [www.xavier.edu/msn/msn-midas-admission.cfm](http://www.xavier.edu/msn/msn-midas-admission.cfm).

The Master of Science in Nursing (MSN) for registered nurses provides the opportunity to obtain advanced level preparation in nursing science. Graduates of the program are prepared to assume professional leadership roles that encompass educational, consultative, and managerial functions. They are prepared to design and establish delivery services and practice in response to current health care policy changes.

The MSN for registered nurses requires a minimum of 36 semester hours of which a minimum of ten semester hours are required for each track.

## Objectives of the MSN Program

Core nursing and graduate support courses provide a foundation and with the opportunity to obtain advanced level preparation in nursing science.

Graduates of the MSN program are prepared to assume professional leadership roles that encompass educational, consultative, and managerial functions. They are also prepared to design and establish delivery services in response to current health care policy changes.

The graduate of the program of study leading to the Master of Science in Nursing degree will:

1. Synthesize theoretical and empirical knowledge from the humanities and the sciences, including nursing, and evaluate it for its use in guiding nursing research and practice.
2. Exhibit competence and confidence when assuming role responsibilities as a graduate with advanced level preparation.
3. Exemplify moral and ethical leadership through a concern for others, the management of nursing care, and a commitment to professional excellence in the delivery of health care and the profession.
4. Evaluate issues and opportunities in health care delivery from ethical, sociopolitical, technological, and historical frameworks while providing leadership for change.
5. Validate and extend nursing knowledge through interpretation of and collaboration in nursing research.
6. Communicate orally and in writing in a scholarly manner.
7. Develop in-depth knowledge in a concentrated area of study.

## Admission

A Bachelor of Science in Nursing is required for admission to the MSN program

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)

## Requirements for the MSN degree

### Nursing Core Requirements (20 semester hours)

(MSN FNP requires 17 hours, MSN MIDAS requires 18 hours)

- NURS 500 - Health Care Ethics-Nurse Leads

- NURS 501 - Theoretical Bases for Nurs Pra
- NURS 502 - Nursing Research
- NURS 690 - Healthcare Policy-Nurse Leader
- NURS 754 - Ldrshp/Management Concepts (FNP students take NURS 532 in place of NURS 754)
- NURS 505 - Health Care Informatics OR
- NURS 854 - Advanced Informatics (NURS 854 required for MSN Clinical Nurse Leader track and MSN MIDAS)
- NURS 864 - Epidemiologic Methods

## Synthesis & Application for Registered Nurses

MIDAS is a pre-licensure program and requires NURS 857 in place of of NURS 703, 705, 797.

### Education and Forensics tracks:

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

### Family Nurse Practitioner track

- NURS 797 - Scholarly Project

### MSN MIDAS

See Nursing, M.S.N. (MIDAS Program - Pre-licensure)

### Track (Minimum of 10 semester hours)

#### Education Track:

- NURS 580 - Patho Pharm & Assess Nurse Ed
- NURS 660 - Adult Learners HC Academia
- NURS 662 - Adv Technology & Simulation (Optional Elective Course)
- NURS 664 - Teaching Strategies
- NURS 670 - Curr Assess Plan Dev Eval

#### Forensics Track:

- NURS 642 - Psycho/Social/Legal Forensics
- NURS 648 - Found of Forensic Nursing
- CJUS 620 - Socio of Crime & Delinquency
- NURS 779 - Applied Interprofession Collab

#### Family Nurse Practitioner Track:

Courses restricted to FNP students.

- NURS 658 - Advanced Clinical Pharmacology
- NURS 680 - Adv Pathophysiology Lifespan
- NURS 756 - Advanced Health Assess RN
- NURS 770 - Primary Care Fam Pract Role
- NURS 771 - Women's & Family Health Care Pra
- NURS 772 - Women's and Family Health Care
- NURS 773 - Ped & Adol Health Care Pract
  
- NURS 775 - Adult & Geriatric Fam Care Pra
- NURS 776 - Adult & Geriatric Family Care
- NURS 777 - FNP In Practice

### FNP Track Notes:

- Each practicum credit hour is eight clinical hours: 1:8.
- The total number of practicum hours required for the FNP is 600.
- A total of 47 hours is required - with a minimum overall cumulative GPA of 3.000.

The following tracks are not admitting students at this time.

### Administration Track:

Synthesis & Application for Registered Nurses Required Courses

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

Track

- NURS 634 - Nurs Admin In Complex Health
- NURS 636 - Financial Mgmt for Nursing Adm
- NURS 764 - Administrative Informatics
- A Guided Elective Course

### Clinical Nurse Leader Track:

Synthesis and Application for Registered Nurses

- NURS 559 - Microsystem Assessment
- NURS 859 - CNL Scholarly Project I
- NURS 861 - CNL Scholarly Project II
- NURS 871 - Leadership Practicum

Track

- NURS 558 - Introduction to CNL for RNs
- NURS 602 - Applying CNL Concepts to RNs
- NURS 658 - Advanced Clinical Pharmacology
- NURS 680 - Adv. Pathophysiology for RNs
- NURS 756 - Advanced Health Assessment RN

### General Studies Track:

Synthesis & Application for Registered Nurses Required Courses

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

Track

Customize course of study. Choose courses from any of these tracks Administration, Education, Clinical Nurse Leader, Forensics, Health Care Law, or Informatics. May serve as a path to a future goal.

## Health Care Law Track:

Synthesis & Application for Registered Nurses Required Courses

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

Track

- NURS 610 - Liability Health Care Org/Prof
- NURS 611 - Med-Lgl Rsrch, Writing & Presn
- NURS 642 - Psycho/Social/Legal Forensics
- HESA 581 - Health Care Legal Aspects

## Informatics Track:

Synthesis & Application for Registered Nurses Required Courses

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

Track

- NURS 634 - Nurs Admin In Complex Health
- NURS 764 - Administrative Informatics
- NURS 779 - Applied Interprofession Collab
- NURS 854 - Advanced Informatics

## General Note:

- A minimum of 36 credit hours is required, with a minimum overall cumulative GPA of 3.000.

## Nursing, M.S.N. (MIDAS Program - Pre-licensure)

The Master of Science in Nursing: Direct Entry as Second Degree, the (MIDAS) program is designed for mature, goal-directed individuals who have a bachelor degree in a discipline other than nursing who desire to be a licensed registered nurse (RN). The twenty month MIDAS program is a five-semester (including one summer), fulltime program of study. Upon successful completion of the program, the student is eligible to sit for the National Council Licensure Exam-Registered Nurse (NCLEX-RN). The student will graduate with a Master of Science in Nursing (MSN).

The MIDAS program includes the Clinical Nurse Leader (CNL) role within this generic master's program. The Clinical Nurse Leader is an innovative nursing role developed by the American Association of Colleges of Nursing to prepare graduate nurse leaders for reforming the health care delivery system and putting best practice into action. All MIDAS graduates who have become registered nurses are eligible to sit for the Clinical Nurse Leader Certification Examination and are also eligible to sit for the American Holistic Nurses' Certification examination.

Admission Requirements: [www.xavier.edu/msn/MSN-MIDAS-Admission.cfm](http://www.xavier.edu/msn/MSN-MIDAS-Admission.cfm)

## Curriculum

The MSN MIDAS program requires five semesters (fall/spring/summer/fall/spring) of full-time study.

## MSN MIDAS Nursing Core (18 semester hours)

- NURS 500 - Health Care Ethics-Nurse Leads
- NURS 501 - Theoretical Bases for Nurs Pra
- NURS 502 - Nursing Research
- NURS 754 - Ldrshp/Management Concepts
- NURS 854 - Advanced Informatics
- NURS 864 - Epidemiologic Methods

## MIDAS Courses

- NURS 550 - Nursing Perspectives I
- NURS 552 - Art & Science of Nursing
- NURS 553 - Art & Science of Nursing Pract
- NURS 554 - Essentials of Pathophysiology
- NURS 560 - Nursing Perspectives II
- NURS 562 - Art & Sci of Family Nursing
- NURS 563 - Art & Sci Fam Nurs Practicum
- NURS 564 - Art & Science & Adult Nursing
- NURS 565 - Art & Sci & Adult Nurs Pract
- NURS 650 - Art & Sci of Adv Nursing
- NURS 651 - Art & Sci Adv Nurs Practicum
- NURS 652 - Art & Sci of Psych Nursing
- NURS 653 - Art & Sci of Psych Nurs Pract
- NURS 654 - Advanced Pharmacology
- NURS 656 - Advanced Pathophysiology
- NURS 750 - Nursing Perspectives III
- NURS 752 - Com Nurs/Pub Hlth Policy
- NURS 753 - Com/Pub Hlth Nurs Practicum
- NURS 850 - Nursing Perspectives IV

## Synthesis & Application for MSN MIDAS

- NURS 857 - Leadership Practice and Scholarly Project

## Note(s):

- Each practicum credit hour is equal to 4 clock hours per week.
- Total credit hours required for the MIDAS program is 79 semester credit hours

## Psychiatric Mental Health Nurse Practitioner, M.S.N.

The psychiatric/mental health nurse practitioner (PMHNP) program focuses on children, adolescents, adults, and the elderly who are at risk for developing and/or are experiencing acute or complex mental health problems, behavior disorders or psychiatric diagnoses. The PMHNP curriculum focuses on facilitating the transitions of individuals, families, communities and populations' health and well-being across the lifespan and the utilization of evidence-based, culturally sensitive, recovery-oriented holistic care.

Graduates of the PMHNP program will be prepared to apply a holistic nursing process and medical/medication management to promote optimal mental health while engaging in active, ongoing collaboration with individuals, their families, significant others, and the interprofessional team. Graduates are eligible for national certification through the American Nurses Credentialing Center

## Curriculum

### MSN Core Curriculum (21 Semester Hours for NP)

- NURS 500 - Health Care Ethics-Nurse Leads
- NURS 501 - Theoretical Bases for Nurs Pra
- NURS 502 - Nursing Research

- NURS 505 - Health Care Informatics
- NURS 690 - Healthcare Policy-Nurse Leader
- NURS 864 - Epidemiologic Methods
- NURS 797 - Scholarly Project

## Nurse Practitioner Core (9 semester hrs.)- pre-requisites

- NURS 658 - Advanced Clinical Pharmacology
- NURS 680 - Adv Pathophysiology Lifespan
- NURS 756 - Advanced Health Assess RN

## PMHNP Core (19 semester hours)

- Nurs 780 PMHNP Core 1 (3)
- Nurs 783 PMHNP Clinical Practicum 1 (1)\*
- Nurs 781 Role Development (1)
- Nurs 782 Ethical issues in Psychiatric Mental Health Nursing (1)
- Nurs 784 PMHNP Core 2 (3)
- Nurs 785 PMHNP Clinical Practicum 2 (1)\*
- Nurs 787 PMHNP Clinical Practicum 3 (1)\*
- Nurs 786 Psychopharmacology (2)
- Nurs 788 PMHNP Core 3 (3)
- Nurs 789 PMHNP Clinical Practicum 4 (1)\*
- Nurs 791 PMHNP Clinical Practicum 5 (1)\*
- Nurs 790 Current Issues and Trends in PMH (1)

\* Practicum courses: 1cr = 120 contact hours/ semester (8 contact hr/cr./week)

## Doctor of Nursing

### Population Health Leadership, D.N.P.

The Doctor of Nursing Practice (DNP) degree program is an online population health-focused post-master's degree program for nurses from a variety of practice settings to become leaders in addressing the complexity of health care and health care outcomes in the 21st century. Through the lens of the Jesuit tradition, the student builds on a previously earned master's degree to achieve the highest level of academic preparation that incorporates scientific, philosophical, ethical, and historical perspectives of nursing practice along with a perspective of the complexities of present and future global and holistic health care. Additionally, organizational and systems leadership, population focused healthcare, health policy that includes advocacy in health care, and interprofessional collaboration to address health care outcomes will be considered. The design, implementation, and evaluation of delivery methods that address outcomes to improve the health of the nation will be the capstone focus. Xavier DNP graduates will be well positioned for translating the science of population health nursing as nurse leaders in an ever-changing global health care environment.

Immersion experiences in a variety of environments occur throughout the curriculum and focus on integration and application of credible research findings within the evidence base. Innovation to support management of care for individuals and populations, administration of nursing and health care organizations, and development and implementation of health policy that will ultimately influence health care outcomes for populations is also a part of the immersion experience. Using conceptual and analytical skills, students provide leadership in clinical scholarship and synthesize relationships among practice, organizations, diverse populations, fiscal resources and policy concerns to advance the delivery of quality, safe, efficient and effective health care for diverse populations.

The 39-42 variable credit hour program is a 100% online educational offering with a campus-based orientation prior to the beginning of the first fall semester. Students move through the 8 semester program taking 3 to 7 credits per semester. Variable credits are due to an epidemiology course that is required of all AACN Master of Science in Nursing (MSN) graduates and Doctor of Nursing Practice (DNP) graduates. MSN graduates who have approved credit for an equivalent epidemiology course from their master's curriculum are not required to repeat the course. Up to 500 hours of clinical immersion from a master's program and/or advanced certification may be accepted toward the 1,000 immersion hours required for DNP.

## Program Objectives

1. Integrate the scientific, philosophical, ethical, and historical underpinnings of professional nursing practice from a global and holistic perspective.
2. Provide organizational and systems leadership for quality improvement and systems thinking.
3. Provide leadership in clinical scholarship and analytical methods for the translation of research in evidence-based care.
4. Utilize information systems/technology and patient care technology for the holistic improvement and transformation of health care.

5. Influence health care policy by possessing essential skills in policy and advocacy.
6. Establish interprofessional collaboration for holistically improving patient and population health outcomes.
7. Design, implement, and evaluate health care delivery methods for illness prevention and population health for improving the nation's health.
8. Utilize conceptual and analytical skills to distinguish relationships among practice, organizations, diverse populations, fiscal resources, and policy concerns and to advance nursing practice.

## Prerequisite

- NURS 886 - Scholarly Writing Seminar

## Curriculum

- NURS 900 - DNP Foundations
- NURS 902 - Adv Evidence Based Practice
- NURS 903 - Leadership in Complex Systems
- NURS 904 - Application Adv Research
- NURS 905 - Healthcare Fin and Econ
- NURS 906 - Informatics for Adv Nurs Pract
- NURS 907 - Eval & Analysis of Outcomes
- NURS 908 - Health Care Policy
- NURS 910 - Scholar of Adv Applic & Innov
- NURS 921 - DNP Project Immersion

## Dual Degree

### **Master of Science in Nursing / Master of Education, M.S.N. / M.Ed.**

The MSN/MEd program at Xavier University is an innovative, integrated program whereby the student will receive two separate degrees -- the Master of Science in Nursing (education track) and the Master of Education. This program was developed in response to a community need for nurse educators. The MSN/MEd prepares the graduate to administer and teach in educational settings (e.g., CE providerships, in-service educators and nurse educators).

The curriculum consists of a minimum of 58 semester credit hours. The core courses include theoretical and practical knowledge, which serve as the foundation for advanced nursing education in a variety of roles. Core courses focus on three major themes which are consistent with the philosophy for the graduate program: critical systematic inquiry, professional and personal development, and management of information and resources in a rapidly changing health care environment. The courses in the education track emphasize education principles and skills that enhance adult education management and practices.

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)

### Requirements for the Dual Degree MSN/MEd

#### Nursing Core required courses (20 semester hours):

- NURS 500 - Health Care Ethics-Nurse Leads
- NURS 501 - Theoretical Bases for Nurs Pra
- NURS 502 - Nursing Research
- NURS 505 - Health Care Informatics
- NURS 690 - Healthcare Policy-Nurse Leader
- NURS 754 - Ldrshp/Management Concepts
- NURS 864 - Epidemiologic Methods

## Required Nursing courses for Education track (11 hours)

- NURS 660 - Adult Learners HC Academia
- NURS 664 - Teaching Strategies
- NURS 670 - Curr Assess Plan Dev Eval

## MEd Courses required (9 semester hours):

- EDAD 660 - Curr Design & Teach Strategies
- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.

## Elective Courses (Total of 12 hours required)

Select 9 credits from the following education courses. \*NURS 660 counts for 3 of the total of 12 elective hours required.

- EDAD 543 - Supervision of Inst/Staff Pers
- EDAD 562 - Political Structure & PR
- EDAD 563 - Sch Finance, Bus Aff / Phys
- EDAD 565 - School Law I
- EDAD 570 - Policy Planning & Evaluation
- EDSP 500 - Sp Ed: Identification & Issue
- EDFD 510 - Adv Human Develop & Learning

## Synthesis & Application (6 semester hours):

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

## **Master of Science in Nursing / Master of Science in Criminal Justice, M.S.N. / M.S.**

The MSN/MS-CJ program at Xavier University is an integrated program, whereby the student will receive two separate degrees -- the Master of Science in Nursing (forensic concentration) and the Master of Science with a major in Criminal Justice. The Master of Science in Nursing (MSN) program at Xavier University provides nurses with the opportunity to obtain advanced level preparation in nursing science. Graduates of the program are prepared to assume professional leadership roles that encompass educational, consultative, and managerial functions. They are prepared to design and establish delivery services in response to current health care policy changes. This integrated MSN/MS-CJ program was developed to compliment the forensics track of the MSN program. Graduates are prepared to function in non-traditional roles within the criminal justice system and address the changing needs of the nation to prepare nurses in bioterrorism and disaster planning.

The curriculum consists of a minimum of 46 semester credit hours. The core courses include theoretical and practical knowledge, which serve as the foundation for advanced nursing practice. Core courses focus on three major themes which are consistent with the philosophy for the graduate programs: critical systematic inquiry, professional and personal development, and management of information and resources in a rapidly changing health care environment. Additional courses in the MSN/MS-CJ dual degree emphasize forensic and criminal justice principles and skills that enhance the variety roles in nursing forensics and criminal justice in which graduates may be employed.

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)



## Requirements for the Dual Degree MSN / MSCJ

### Nursing/Graduate required courses (21 semester hours):

- NURS 500 - Health Care Ethics-Nurse Leaders
- NURS 501 - Theoretical Bases for Nurse Practitioners
- NURS 502 - Nursing Research
- NURS 505 - Health Care Informatics
- NURS 754 - Leadership/Management Concepts
- NURS 864 - Epidemiologic Methods
- CJUS 643 - Correctional Counseling

### Track (18 semester hours):

- CJUS 611 - Law & Justice in America
- CJUS 620 - Sociology of Crime & Delinquency
- CJUS 642 - Criminal Justice Administration
- NURS 642 - Psycho/Social/Legal Forensics
- NURS 648 - Fundamentals of Forensic Nursing

### Synthesis & Application (7 semester hours):

- CJUS 792 - Internship
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project

## Post Master's Certificate

### Clinical Nurse Leader Post-Master's Certificate

**This program is not admitting students at this time.**

This certificate program is designed for the registered nurse with an earned master's degree in nursing who wants to add the certification as a Clinical Nurse Leader (CNL). This program will prepare registered nurses to assume roles as advanced generalists who deliver nursing care at the point of care. This role, the Clinical Nurse Leader, is a national initiative developed by the American Association of Colleges of Nursing (AACN) in 2004 to address fragmentation in health care delivery. The CNL role is a proactive, integrative and comprehensive role that assists direct care providers in bringing the best of health care science and practice to the point of care.

Specifically this program will allow those nurses with an earned master's degree:

- a. To complete coursework required for the CNL
- b. To take the CNL certification exam
- c. To receive documentation of the work on an official Xavier University academic transcript.

#### Clinical Nurse Leader Track Objectives

- Apply the art and science of nursing to the role of the clinical nurse leader at the point of care;
- Communicate effectively across health care disciplines;
- Ensure quality and safety in health care delivery;

- Implement and coordinate the best practice at the point of care and across settings;
- Integrate knowledge of nursing theory, research, epidemiology, informatics, ethics, health care policy, economics, healthcare finances and leadership into the management of healthcare delivery.

Admission Requirements: [www.xavier.edu/msn/Admission-Post-Masters.cfm](http://www.xavier.edu/msn/Admission-Post-Masters.cfm)

## Curriculum for Post Master's Certificate in Clinical Nurse Leader:

### First Semester - Fall

- Nurs 558 Introduction to CNL for RNs
- Nurs 559 CNL Clinical Practicum:Microsystem Assessment (45 clinical hours)

### Second Semester - Spring

- Nurs 680 Advanced Pathophysiology for RNs
- Nurs 602 Applying CNL Concepts for RNs (45 clinical hours)

### Third Semester - Summer

- Nurs 658 Advanced Clinical Pharmacology for RNs
- Nurs 756 Advanced Health Assessment for RNs
- NURS 859 Scholarly Project I (45 clinical hours)

### Fourth Semester - Fall

- Nurs 873 Leadership Practicum (135 clinical hours)
- Nurs 861 Scholarly Project II (45 clinical hours)

Total: 20 credits / 315 clinical hours

### Note(s):

- A minimum overall cumulative GPA of 3.000.
- Part-time study will require one day per week for classes. Classes scheduled late afternoons and evenings. Summer will likely be two evenings per week.

## Family Nurse Practitioner Post-Master's Certificate

Family Nurse Practitioners are prepared to care for individuals and families across the life span. FNPs have specialized advanced education and clinical competencies, FNPs use scientific principles, competencies and national standards of care as they diagnose, manage and treat healthcare concerns of individuals and families. Practice settings needing FNPs include primary care practices, nurse-managed health centers, and emerging ambulatory delivery models.

Registered nurses with a Master of Science in Nursing (MSN) from a regionally accredited college or university and CCNE accreditation are eligible to apply for the post-master's certificate program.

The post-master's certificate program requires between 19 to 28 semester hours, depending upon the applicant's previous completed course work.

## Family Nurse Practitioner Objectives

1. Applies advanced practice skills, abilities and knowledge to provide holistic family centered primary health care to populations across the lifespan in a variety of ambulatory care settings as an advanced practice nurse specializing in family nursing
2. Provides culturally competent, population-based preventive, management, and maintenance care for acute and chronic conditions for the family unit, however the family chooses to define itself
3. Demonstrate knowledge, skills, and abilities to sit for the FNP Certification Examination in order to apply for a state certificate of authority in advanced practice, as well as authority to prescribe as an FNP-BC (board certified)

Admission Requirements: [www.xavier.edu/Admission-Post-Masters.cfm](http://www.xavier.edu/Admission-Post-Masters.cfm)

## Curriculum:

- NURS 658 - Advanced Clinical Pharmacology
- NURS 680 - Adv Pathophysiology Lifespan
- NURS 756 - Advanced Health Assess RN
- NURS 770 - Primary Care Fam Pract Role
- NURS 771 - Women & Family Health Care Pra
- NURS 772 - Women & Family Health Care
- NURS 773 - Ped & Adol Health Care Pract
- NURS 775 - Adult & Geriatric Fam Care Pra
- NURS 776 - Adult & Geriatric Family Care
- NURS 777 - FNP In Practice

## Note(s):

Each practicum credit hour is eight clinical hours: 1:8. The total number of practicum hours required for the FNP is 600.

## Forensic Nursing Post-Master's Certificate

The program consists of courses currently within the Forensic Nursing Track, in conjunction with the Criminal Justice Department. The program is fully online and consists of 15 credits over four semesters. No capstone project is required. 180 hours of total practicum are required over the course of NURS 703/NURS 705 (90 hours of practicum per course).

## Admission Requirements

- Current, unencumbered nursing license in their state of practice
- BSN from an accredited higher education institution and/or MSN from an accredited higher education institution
- Undergraduate statistics course with a grade of C or better

## Application Process

- Submit a Curriculum Vitae
- Submit an essay on their goal for obtaining a certificate
- Submit two references
- Provide official transcripts

## Curriculum

## Fall Semester

- NURS 648 - Found of Forensic Nursing
- CJUS 609 - Forensic Aspects Pop Health

## Spring Semester

- NURS 779 - Applied Interprofession Collab
- NURS 642 - Psycho/Social/Legal Forensics

## Summer Semester

- NURS 703 - Graduate Nursing Practicum I

## Fall Semester

- NURS 705 - Graduate Nursing Practicum II

## Nursing Education Post-Master's Certificate

Nurses who choose the Post-Master's Certificate in Nursing Education are provided with advanced level preparation in the principles of education. At the completion of this program, nurses are prepared to use their advanced knowledge and clinical experience to assume professional leadership roles that encompass all educational settings as nurse educators, consultants, staff educators, clinical nursing faculty, and continuing education providers.

### Admission Requirements:

- Must be an RN applicant who has graduated with, or is about to graduate with: MSN, DNP, Ed.D. or Ph. D. (at least one graduate degree must be in nursing from a nationally accredited program)
- Applicants must hold an unencumbered Registered Nurse license to practice in the United States.
- A strong candidate will also possess:
  - 2 years of RN experience
  - Minimum 3.0 GPA
  - 3 professional references
    - at least one from a direct manager or supervisor who evaluates their clinical work
    - two will be from someone with a masters or doctoral degree

### 10 credit hours required:

- NURS 660: Development of the Adult Learner in Healthcare (3) (Pre-requisite to NURS 668, 670, & 701)
- NURS 664: Teaching Strategies (2) (Pre-requisite to NURS 668, 670, & 701)
- NURS 670: Curriculum Assessment, Planning, Development, and Evaluation (3)
- NURS 701: Educational Nursing Practicum (2)

## Psychiatric Mental Health Nurse Practitioner Post-Master's Certificate

The psychiatric/mental health nurse practitioner (PMHNP) program focuses on children, adolescents, adults, and the elderly who are at risk for developing and/or are experiencing acute or complex mental health problems, behavior disorders or psychiatric diagnoses. The PMHNP curriculum focuses on facilitating the transitions of individuals, families, communities and populations' health and well-being across the lifespan and the utilization of evidence-based, culturally sensitive, recovery-oriented holistic care.

Graduates of the PMHNP program will be prepared to apply a holistic nursing process and medical/medication management to promote optimal mental health while engaging in active, ongoing collaboration with individuals, their families, significant others, and the interprofessional team. Graduates are eligible for national certification through the American Nurses Credentialing Center.

## Curriculum

### Pre-requisite: the Nurse Practitioner Core

- Nurs 658 Advanced Clinical Pharmacology (3)
- Nurs 680 Advanced Pathophysiology for RNs (3)
- Nurs 756 Advanced Health Assessment for RNs (3)

### PMHNP Core

- Nurs 780 PMHNP Core 1 (3)
- Nurs 783 PMHNP Clinical Practicum 1 (1)\*
- Nurs 781 Role Development (1)
- Nurs 782 Ethical issues in Psychiatric Mental Health Nursing (1)
- Nurs 784 PMHNP Core 2 (3)
- Nurs 785 PMHNP Clinical Practicum 2 (1)\*
- Nurs 787 PMHNP Clinical Practicum 3 (1)\*
- Nurs 786 Psychopharmacology (2)
- Nurs 788 PMHNP Core 3 (3)
- Nurs 789 PMHNP Clinical Practicum 4 (1)\*
- Nurs 791 PMHNP Clinical Practicum 5 (1)\*
- Nurs 790 Current Issues and Trends in PMH (1)

\* Practicum courses: 1cr = 120 contact hours/ semester (8 contact hr/cr./week)

## College of Professional Sciences

### College of Professional Sciences

The College of Professional Sciences is comprised of a vibrant and dedicated community of faculty and support staff committed to preparing undergraduate and graduate students for lives of service in education, sports studies, health and the social and behavioral sciences. Our College is "Magis-in-Service" as we are people for others meeting the needs of people and organizations in our community. We are connected to the world around us, and we seek to broaden our reach through collaborative practice and partnerships, where faculty, staff and students from a variety of disciplines collaborate to find innovative solutions to better serve our world. We seek to ensure that our programs focus on shaping the future leaders in our disciplines and professions.

We challenge students to strive for academic excellence and life-long learning, provide applied experiences grounded in theoretical foundations, promote collaboration and community partnerships, incorporate research, scholarship, and innovation, and integrate ethical behavior and a respect for individual differences and diversity.

#### Degrees and Programs

The College offers undergraduate and graduate degrees in the service and helping professions, as well as certification, licensing and credentialing programs, and several online degrees. Its schools, departments, and centers work together to prepare students for careers primarily in health, education and social science. Xavier's two doctoral programs, Clinical Psychology, and Occupational Therapy are located in the College of Professional Sciences. The departments in the college include: Counseling (Clinical Mental Health Counseling and School Counseling), Criminal Justice, Health Services Administration which includes Health Economics and Clinical Outcome Research (HECOR), Military Sciences, Occupational Therapy, Social Work, and Sport Science & Management, including Sports Administration, Sport Management, Sport Marketing, Exercise Science, and Athletic Training. The School of Education offers: Primary and Middle Childhood Education, Montessori, Reading, Teaching of English to Speakers of Other Languages (TESOL), Secondary Education, Special Education, and Educational Administration. The School of Psychology offers a BS in psychology, MA in General Experimental Psychology and a PsyD in Clinical Psychology.

#### Program Accreditation

Accreditation Council for Occupational Therapy Education - ACOTE

American Montessori Society - AMS

Commission on Accreditation of Athletic Training Education - CAATE

Council for Accreditation of Counseling and Related Educational Programs - CACREP

Council for the Accreditation of Educator Preparation -CAEP

Commission on Accreditation of Healthcare Management Education CAHME

Council on Social Work Education - CSWE

Joint Review Committee on Education in Radiologic Technology - JRCERT

Montessori Accreditation Council for Teacher Education- MACTE

North American Society for Sport Management - National Association of Sport & Physical Education NASSM-NASPE -

The Clinical Psychology doctoral program is accredited by the APA Office of Program Consultation and Accreditation, 750 First Street, NE, Washington DC 20002-4242, Phone 202-336-5500.

### **Xavier University Center for Education (XUCE)**

The College of Professional Sciences includes the Xavier University Center of Education (XUCE) which offers a broad range of programs and services to advance Catholic, public, private, and Montessori education in our region. XUCE provides opportunities for professional development, grants, events, programming, school consultations, mentoring, course delivery, and other initiatives for the Archdioceses of Cincinnati and Covington, school districts, and other educational organizations.

**NOTE:** Many of the programs in the College of Professional Sciences require BCI/FBI criminal background checks and/or drug screens because of university program, accreditation, clinical, and/or professional mandates. Requirements vary from program to program. Failure to satisfy the requirements can result in dismissal from the program, withdrawal from field and clinical placements, delayed program progression, or diminished employment opportunities. If you have questions or need further information, please contact the chair/director or program director in the department.

## **Criminal Justice**

The Department of Criminal Justice offers these degrees and programs:

- The Bachelor of Science in Criminal Justice (with option of Criminalistics concentration)
- The Criminal Justice minor
- The Corrections minor
- The Associate degree in Criminal Justice
- The Associate degree in Corrections
- The Master of Science in Criminal Justice

### **Criminal Justice Department Academic Performance Policy**

An overall minimum grade point average (GPA) of 2.0 is required of all students to graduate from Xavier University.

Because content covered in required criminal justices courses is essential to success in the field, the department will implement a policy that mandates a minimum of a "C" grade or better in courses designated as required for the major and minor. Courses needed to fulfill the major and minor are outlined below.

## **CJUS Major (30 required cr. hrs. and 9 elective cr. hrs.; 39 credit hours total)**

- CJUS 101 Intro to Criminal Justice
- CJUS 102 Intro to Law Enforcement
- CJUS 103 Intro to Corrections
- CJUS 206 Criminology
- CJUS 210 Basic Constitutional Law & American Justice
- CJUS 240 Criminal Law
- CJUS 321 Juvenile Justice
- CJUS 381 Methods of Research
- CJUS 391 Practicum
- CJUS 489 Senior Seminar
- CJUS Electives (9 credit hours)

## **CJUS Minor (18 credit hours)**

- CJUS 101 Intro to Criminal Justice
- CJUS 102 Intro to Law Enforcement
- CJUS 103 Intro to Corrections
- CJUS 206 Criminology
- CJUS 210 Basic Constitutional Law & American Justice
- CJUS 321 Juvenile Justice

# **Bachelor of Science**

## **Criminal Justice, B.S.**

Criminal Justice investigates all aspects of crime and delinquency in our society from types, incidence, prevalence and distribution to causes and remedies. It further explores the philosophy and ideology, theory and practice, structure and process, policy and programs, and problems and issues of police, courts, and corrections. Students also examine the fundamental elements of criminal and constitutional law, and develop the skills to perform, analyze and evaluate social research.

The curriculum for Criminal Justice majors who are preparing for careers is designed to provide concepts, skills, and attitudes necessary for functioning with competence and conscience. For non-career students, a wider knowledge of important issues required for involved and informed citizen participation in the criminal justice system and its operations is acquired, along with ethical considerations related to concepts of justice in contemporary society.

### **Requirements for the Criminal Justice Major**

#### **Undergraduate Core Curriculum**

See Undergraduate Core Curriculum for details.

#### **Criminal Justice Core: 39 Credit Hours**

#### **Required Criminal Justice Courses: 30 Credit Hours**

- CJUS 101 - Intro to Criminal Justice (Also fulfills a Social Science Core requirement.)
- CJUS 102 - Intro to Law Enforcement
- CJUS 103 - Intro to Corrections
- CJUS 206 - Criminology
- CJUS 210 - Basic Const Law & Amer Justice
- CJUS 240 - Criminal Law
- CJUS 321 - Juvenile Justice
- CJUS 381 - Methods of Research in CJUS (Also fulfills Scientific Perspectives requirement)
- CJUS 391 - Practicum / Ethics
- CJUS 489 - Senior Seminar

#### **Criminal Justice Electives: 9 Credit Hours**

- CJUS 103-499 (Refer to Course Descriptions.)

#### **General Electives: 18 Credit Hours (minimum)**

Electives can be chosen to meet each student's individual needs. The criminal justice advisor will be available to assist in this process.

## Note(s):

- A grade of C or better is required for all courses designated as required for the Criminal Justice major and minor.
- CJUS 391, Practicum in Criminal Justice, consists of supervised placement in criminal justice agencies, and CJUS 381, Methods of Criminal Justice Research, provides exposure to applied research in the subject area.
- Criminalistics *Concentration* is an optional addition to the major, and it must be declared by the student to the department. As part of major, these 15 hours of criminal justice courses must be completed: CJUS 101, CJUS 102, CJUS 239, CJUS 439 and CJUS 449.

## TOTAL Minimum Hours Required for B.S. Degree: 120 Credit Hours

This number assumes that the ER/S and DCR requirements are fulfilled with other core or major courses, although this is not always possible.

## B.S. Criminal Justice

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- CJUS 101 - Intro to Criminal Justice (Social Science Elective)
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
- CORE 100 - First Year Seminar
- Second Language I
- General Elective
- CORE 101 - Co-curricular Program I

Total (15)

#### Second Semester

- CJUS 102 - Intro to Law Enforcement
- Historical Perspectives
- THEO 111 - Theological Foundations
- Second Language II
- Oral Communication Elective
- CORE 102 - Co-Curricular Program II

Total (15)

### Sophomore Year

#### First Semester



- CJUS 103 - Intro to Corrections
- PHIL 100 - Ethics as Intro to Philosophy
- Theological Perspectives
- ENGL 205 - Literature & Moral Imagination
- General Elective

Total (15)

## Second Semester

- CJUS 206 - Criminology
- CJUS 381 - Methods of Research in CJUS (Scientific Perspectives)
- PHIL 200 - Philosophical Perspectives
- Mathematics Perspectives
- General Elective

Total (15)

## Junior Year

### First Semester

- CJUS 210 - Basic Const Law & Amer Justice
- Humanities Elective
- Ethics, Religion & Society (ERS) Elective
- CJUS Elective
- Quantitative Elective

Total (15)

### Second Semester

- CJUS 240 - Criminal Law
- Diversity Flag
- Natural Science Elective
- Creative Perspectives
- Writing Intensive Elective

Total (15)

## Senior Year

### First Semester

- CJUS 321 - Juvenile Justice
- General Electives (9 credit hours)
- CJUS Elective

Total (15)

### Second Semester

- CJUS 391 - Practicum / Ethics
- CJUS 489 - Senior Seminar
- CJUS Elective
- General Electives (6 credit hours)

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- \* E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- + Diversity Curriculum Requirement may be used to satisfy another element of the core or the major.
- CJUS 101 may be used to fulfill a social science elective.
- CJUS 381 may be used to fulfill scientific perspectives requirement.
- A minimum of 120 credit hours is required for the degree.

## Associate of Science

### Corrections, A.S.

#### Undergraduate core curriculum requirements:

See Undergraduate Core Curriculum

#### Concentration requirements:

18 credit hours, as follows:

#### 15 hours of corrections courses from:

- CJUS 101 - Intro to Criminal Justice
- CJUS 230 - Legal Aspects of Corrections
- CJUS 243 - Correctional Counseling & Comm
- CJUS 321 - Juvenile Justice

#### 3 additional hours must be selected from either:

- CJUS 103 - Intro to Corrections or
- CJUS 364 - Overview of Contemp Correction

#### Note(s):

- A 2.000 cumulative average must be attained in these corrections courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

### **Criminal Justice, A.S.**

#### Undergraduate Core Curriculum Requirements:

See Undergraduate Core Curriculum

#### Concentration requirements:

15 credit hours, as follows:

#### 12 hours of criminal justice courses from:

- CJUS 101 - Intro to Criminal Justice
- CJUS 210 - Basic Const Law & Amer Justice
- CJUS 260 - Current Issues in Crim Justice
- CJUS 321 - Juvenile Justice

#### 3 hours of electives chosen from:

- CJUS 102 - Intro to Law Enforcement
- CJUS 243 - Correctional Counseling & Comm
- CJUS 364 - Overview of Contemp Correction

#### Note(s):

- A 2.000 cumulative average must be attained in these criminal justice courses.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

### **Master of Science**

### **Criminal Justice, M.S.**

The mission of the Department of Criminal Justice is to equip Master of Science students with the competence and conscience needed to: (a) function and/or advance professionally in criminal justice agencies or (b) pursue further graduate work in criminal justice or related fields.

The Master of Science program in Criminal Justice is designed for those persons who are interested in studying the theory and practice of criminal justice in law enforcement, courts, corrections, and the private sector.

The Master of Science program in Criminal Justice places an emphasis on criminal justice administration. Today, there is an ever increasing demand for highly qualified criminal justice administrators in public and private sector organizations to keep them running efficiently and effectively. The primary job of a criminal justice administrator is to provide oversight and supervision in matters related to crime and justice.

The program is geared toward students whose goal is to become criminal justice administrators at the middle and upper management level. Accordingly, an emphasis is placed on students learning management skills such as public relations, accounting and finance, human resources, policy formulation, budgeting, human interaction, crisis strategies, organizational behavior, and writing skills.

The program is designed for working professionals seeking career advancement, those preparing entrance into the field, and those interested in acquiring management skills and knowledge about the problems and practices within the criminal justice system.

The degree is designed for the busy working professional. Thus, courses are offered in an online or an online blended format where students will have face-to-face time with the instructor on certain selected weekends (Friday evenings and Saturday) during the semester. Full-time students can complete the degree in one year. Part-time students can complete the degree in two years.

The degree of Master of Science with a major of Criminal Justice will be conferred only to candidates who have successfully completed 30 credit hours -- this includes research requirements. A comprehensive written exam on the general field of criminal justice, based on the required courses, is required at the conclusion of the program. Also, an overall graduate level grade point average of 2.800 must be attained.

## The 30 credit hours are distributed as follows:

### Basic required courses:

Students are required to take ten core courses (30 semester hours) designed to provide comprehensive coverage of the field of criminal justice with an administration concentration. They are:

30 Hours

- CJUS 611 - Law & Justice in America
- CJUS 620 - Socio of Crime & Delinquency
  
- CJUS 642 - Criminal Justice Administratio
- CJUS 643 - Correctional Counseling
  
- CJUS 683 - Research & Planning in CJUS
- CJUS 784 - Research Essay: Seminar

### Comprehensive Exam

At the close of their studies for the MS, students must pass a comprehensive examination.

### Note(s):

- The MS program in Criminal Justice invites applications from students with a bachelor's degree and a solid academic record. Admission decisions are based on factors such as past academic performance, standardized test score, and other information submitted. Applications for this program are accepted throughout the year. A student may begin the program in the summer, fall, or spring term.

### Minors

### Corrections Minor

18 total credit hours are required, as follows:

15 hours from:

- CJUS 101 - Intro to Criminal Justice
- CJUS 230 - Legal Aspects of Corrections
- CJUS 243 - Correctional Counseling & Comm
- CJUS 321 - Juvenile Justice
- CJUS 336 - Inside Out Prison Exchange II

3 additional hours must be selected from either:

- CJUS 103 - Intro to Corrections or
- CJUS 364 - Overview of Contemp Correction

Note(s):

- A 2.000 cumulative average must be attained in these criminal justice courses.

## **Criminal Justice Minor**

18 total credit hours are required, as follows:

- CJUS 101 - Intro to Criminal Justice
- CJUS 102 - Intro to Law Enforcement
- CJUS 103 - Intro to Corrections
- CJUS 206 - Criminology
- CJUS 210 - Basic Const Law & Amer Justice
- CJUS 321 - Juvenile Justice

Note(s):

- A grade of C or better is required for all courses designated as required for the Criminal Justice major and minor.

## **Certificate**

### **Criminal Justice Administration Certificate**

The Department of Criminal Justice offers a Certificate in Criminal Justice Administration at the Master's level. The certificate is intended toward two groups of students: 1) professionals who have a graduate degree, but see courses in administration as a way to advance in the field, and 2) those with an undergraduate degree who, for whatever reason, are not ready to apply to the criminal justice graduation program. The particulars of the Criminal Justice Administration Certificate are as follows:

The Certificate will consist of nine (9) credit hours that include the following courses:

- CJUS 642 Criminal Justice Administration (3 credits)
- CJUS 644 Government & Non-profit Accounting (3 credits)
- CJUS 647 Human Resources for CJ Administrators (3 credits)

Admission requirements in to the certificate program:

- Minimum of a Bachelor's Degree
- Personal Statement/Essay
- 3 years of experience in the field

Candidates for certificates must:

- Complete the nine (9) credit hour requirements at Xavier.
- Earn a minimum of "C" or better in each course.
- Satisfy all financial obligations to the University.

Students who complete the certificate may apply for the criminal justice graduate program. Students must obtain a minimum of "B" in each certificate course for acceptance into the M.S. CJUS degree program.

## Counseling

The Department of Counseling offers the Master of Arts in Clinical Mental Health Counseling and the Master of Arts in School Counseling. Clinical Mental Health Counseling meets the educational requirements for licensure as a professional clinical counselor, while School Counseling is a professional degree designed to meet the educational requirements for licensure as a school counselor. Degree and licensure offerings are designed to meet the academic preparation standards required by the Ohio Department of Education or the Ohio Counselor, Social Worker, and Marriage and Family Therapist Board. Both programs are fully accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP).

Applicants should have an undergraduate GPA of 3.0 or above, a MAT score of 390 or above, or a score of 4.0 or above on the analytical section of the GRE. The MAT/GRE requirement is waived for applicants whose cumulative undergraduate G.P.A. is 3.5 or higher. Go to <https://www.xavier.edu/clinical-mental-health/> or <https://www.xavier.edu/school-counseling/?aq=auto-School%20Counseling> to reference more information and admission requirements.

## Master of Arts

### Clinical Mental Health Counseling, M.A.

The Master of Arts degree with a concentration in Clinical Mental Health Counseling is a professional degree designed to meet the academic requirements for the Ohio Professional Counselor (PC) license. The Program is also accredited by the Council for Accreditation of Counseling and Related Educational Programs (CACREP). Accordingly, this degree is awarded to the candidate who has demonstrated a capacity for professional performance by satisfactorily completing the course of study. Students will learn the theory and practice of counseling and be able to apply counseling skills in a knowledgeable and skilled manner to areas such as appraisal, lifestyle and career development, counseling theory, group process, professional, and clinical issues.

### Requirements for M.A. in Clinical Mental Health Counseling

60 total credit hours are required.

The Clinical Mental Health Counseling Master of Arts Program requirements are divided into five groupings that will lead the student through a general sequence of academic experiences. Introductory courses are presented in Group I, with intermediate offerings available in Group II. Group III requirements should be attempted only after most of the Group I & II courses are completed. Group V requirements should be completed after Group IV courses.

#### Group I (12 credit hours):

- COUN 501 - Lifespan Development
- COUN 533 - Counseling Theories & Tech
- COUN 536 - Group Process
- COUN 636 - Career Counseling

## Group II (8 credit hours):

- COUN 579 - Psychological & Achieve Test
- COUN 630 - Intro To Mental Health Coun
- COUN 631 - Counseling issues & Ethics
- COUN 640 - Family Relations

## Group III (9 credit hours):

- COUN 509 - Counseling Research Methods
- COUN 638 - Cross Cultural Counseling
- COUN 669 - Pre Practicum/Coun Lab
- COUN 765 - Crisis Counseling

## Group IV (12 credit hours):

- COUN 642 - Consultation and Supervision
- COUN 767 - Treating Addictive Disorders
- COUN 773 - Counseling Practicum

## Group V (19 credit hours)

- COUN 671 - Clinical Counseling Internship
- COUN 760 - Personality & Abnormal Behav
- COUN 762 - Clinical & Person Assessment
- COUN 763 - Diagnosis of Psychopath
- COUN 764 - Counseling & Psychother
- COUN 766 - Intervention Skills

**TOTAL: 60 Semester Hours**

## **Clinical Mental Health Counseling, M.A.**

Please select one of the programs below:

Clinical Mental Health Counseling, M.A.

Clinical Mental Health Counseling, M.A. Dual Track Program

## **Clinical Mental Health Counseling, M.A. Dual Track Program**

Students who enroll in the dual track program will receive a Master of Arts degree in Clinical Mental Health Counseling. Having successfully completed the dual track program, the student will meet licensure requirement for both an Ohio School Counselor and an Ohio Licensed Clinical Counselor.

**Curriculum:**

To meet state licensure and accreditation requirements, students will be required to take two 600 hour internships, one in clinical counseling in a clinical setting and one in school counseling in a K-12 school setting. Students will also need to complete additional coursework to meet the secondary license requirements.

## Group I

- COUN 501 - Lifespan Development
- COUN 533 - Counseling Theories & Tech
- COUN 536 - Group Process
- COUN 579 - Psychological & Achieve Test
- COUN 630 - Intro To Mental Health Coun
- COUN 636 - Career Counseling

## Group II

- COUN 509 - Counseling Research Methods
- COUN 631 - Counseling issues & Ethics
- COUN 638 - Cross Cultural Counseling
- COUN 640 - Family Relations
- COUN 669 - Pre Practicum/Coun Lab

## Group III

- COUN 642 - Consultation and Supervision
- COUN 765 - Crisis Counseling
- COUN 767 - Treating Addictive Disorders
- COUN 773 - Counseling Practicum

## Group IV

- COUN 671 - Clinical Counseling Internship
- COUN 760 - Personality & Abnormal Behav
- COUN 762 - Clinical & Person Assessment
- COUN 763 - Diagnosis of Psychopath
- COUN 764 - Counseling & Psychother
- COUN 766 - Intervention Skills

## Additional Courses Required

- COUN 537 - Intro To School Counseling
- COUN 538 - Adv School Counseling Practice
- COUN 502 - Introduction to College Coun
  
- EDSP 500 - Sp Ed: Identification & Issue
- COUN 670 - School Counseling Internship (1 credit hour per semester)

## School Counseling, M.A.

The Master of Arts degree in School Counseling is a professional degree designed to meet the educational requirements for licensure as a school counselor. Accordingly, this degree is awarded to the candidate who has demonstrated a capacity for professional performance by satisfactorily completing the course of study. Students will learn the theory



and practice of counseling in the school setting and be able to apply counseling skills in a knowledgeable and skilled manner to areas such as appraisal, lifestyle and career development, counseling theory, group process, and professional issues.

The program is designed to meet specifications of State of Ohio course requirements for school counselor in grades K-12 as well as the requirements for school counselor in the States of Kentucky and Indiana. Further, the M.A. in School Counseling is accredited by the Council for Accreditation of Counseling and Related Educational Programs. (CACREP).

## Requirements for the M.A. in School Counseling

60 total credit hours are required.

The Master of Arts in School Counseling program offerings are divided into four groupings that will lead the student through a general sequence of academic experiences. Introductory courses are presented in Group I, with intermediate offerings available in Group II. Students should complete most of each group before proceeding to the next group. Groups III & IV requirements should be attempted only after Group I courses are completed.

### Group I (17 credit hours):

- COUN 501 - Lifespan Development
- COUN 533 - Counseling Theories & Tech
- COUN 536 - Group Process
- COUN 537 - Intro To School Counseling
- COUN 579 - Psychological & Achieve Test
- COUN 636 - Career Counseling

### Group II (11 credit hours):

- COUN 509 - Counseling Research Methods
- COUN 631 - Counseling issues & Ethics
- COUN 638 - Cross Cultural Counseling
- COUN 640 - Family Relations
- COUN 669 - Pre Practicum/Coun Lab

### Group III (10 credit hours):

- COUN 502 - Introduction to College Coun
- COUN 503 - Crisis Intervention In Schools
- COUN 773 - Counseling Practicum
- EDAD 565 - School Law I

### Group IV (13 credit hours):

- COUN 538 - Adv School Counseling Practice
- COUN 670 - School Counseling Internship
- EDSP 500 - Sp Ed: Identification & Issue

### Electives (9 credit hours)

Can be taken anytime.

Students can meet requirement for 9 elective credit hours by choose from the following:

#### Current Counseling Electives (Courses):

- COUN 642 (3) Consultation and Supervision (Required for Clinical MH)
- COUN 764 (3) Counseling and Psychotherapy (Required for Clinical MH)
- COUN 630 (2) Intro to M.H. Counseling (Required for Clinical MH)
- COUN 767 (3) Treating Addictions - Advanced (Required for Clinical MH)
- COUN 639 (2) Treating Addictions 1 (Fall)
- COUN 634 (2) Brief Counseling Interventions (Spring)

#### Current Counseling Electives (Workshops):

- COUN 434 (2) Intro to REBT and CBT (Summer Workshop)
- COUN 504 (2) Presence Practice - Deeper Therapy (Summer Workshop)
- COUN 512 (1) Spirituality and Counseling (Summer Workshop)
- COUN 526 (1) The WDEP System of Reality Therapy (Summer Workshop)
- COUN 591 (1) Mindfulness in Counseling (Fall Workshop)
- COUIN 527 (1) Transgender Counseling (Summer Workshop)
- COUN 563 (1) Counseling Challenging Youth (Summer Workshop)
- COUN 535 (1) Trauma and Dissociation (Summer Workshop)
- COUN 520 (1) Diagnosis and Treating Anxiety Disorders (Summer Workshop)

Annual January Workshop (1) Topic varies but applicable to school counselors

School of Education Electives open to School Counseling Students:

- EDAD 660 (3) Curriculum Design and Teaching Strategies
- EDSP 501 (2/3) Intro to Emotional Disturbed Children
- EDSP 580 (3) Classroom Management
- EDSP 567 (3) Social Skills and Behavior Management
- EDSP 572 (3) Communication Strategies & Techniques (Assistive Technology)
- EDSP 615 (3) Special Education Law
- EDSP 617 (3) Administrative Partnerships
- Note: Most Education courses are offered all three semesters and many have online options.

#### Other Possible Electives:

- NURS 779 (1) Applied Interprofessional Collaboration (Spring)
- New Summer Workshops developed each year.
- Additional graduate courses and workshops may count toward elective requirements with advisor and chair approval.

**TOTAL: 60 Semester Hours**

#### Notes:

All students must complete COUN 670 (4 sem. hrs.). COUN 670 requires that a minimum of 600 clock hours of on-site school counseling activities be completed under the direct supervision of a school counselor. Of these 600 hours, a minimum of 240 clock hours must be conducted in direct service activities with clientele. On-campus class meetings are also scheduled as part of this experience.

## **School Counseling, M.A.**

Please select one of the programs below:

School Counseling, M.A.

School Counseling, M.A. Dual Track Program

## **School Counseling, M.A. Dual Track Program**

Students who enroll in the dual track program will receive a Master of Arts degree in School Counseling. Having successfully completed the dual track program, the student will meet licensure requirement for both an Ohio School Counselor and an Ohio Licensed Clinical Counselor.

## **Curriculum**

To meet state licensure and accreditation requirements, students will be required to take two 600 hour internships, one in clinical counseling in a clinical setting and one in school counseling in a K-12 school setting. They will also need to complete additional coursework to meet the secondary license requirements. Following is the course requirements, all which are existing courses.

## Group I

- COUN 501 - Lifespan Development
- COUN 533 - Counseling Theories & Tech
- COUN 536 - Group Process
- COUN 537 - Intro To School Counseling
- COUN 579 - Psychological & Achieve Test
- COUN 636 - Career Counseling

## Group II

- COUN 538 - Adv School Counseling Practice
- COUN 631 - Counseling issues & Ethics
- COUN 638 - Cross Cultural Counseling
- COUN 640 - Family Relations
- COUN 669 - Pre Practicum/Coun Lab

## Group III

- EDAD 565 - School Law I
- COUN 502 - Introduction to College Coun
- COUN 503 - Crisis Intervention In Schools
- COUN 773 - Counseling Practicum
- COUN 639 - Substance Use and Prevention

## Group IV

- EDSP 500 - Sp Ed: Identification & Issue
- COUN 509 - Counseling Research Methods
- COUN 539 - Childhood Psychopathology
- COUN 670 - School Counseling Internship

## Additional Courses Required

- COUN 630 - Intro To Mental Health Coun
- COUN 642 - Consultation and Supervision
- COUN 671 - Clinical Counseling Internship (one credit hour per semester)
- COUN 762 - Clinical & Person Assessment
- COUN 764 - Counseling & Psychother

## Certificate

### Medical Trauma Informed Care Certificate

COVID. Cancer. Heart Attacks. Strokes. Childbirth complications. Those are only a few of the medical experiences that have the potential to be terrifying, disorienting, life-altering and traumatic. While the experience of medical trauma is far from being a new phenomenon, in today's climate of heightened anxiety and isolation due to the Pandemic, it is more likely to be an issue of concern.

Whether you are a mental health professional, helping your clients heal from traumatic medical events/chronic illness, or a health care professional on the front lines of patient care, this training will empower you to meet the complex needs of people suffering the devastating effects of unrecognized and untreated medical trauma.

The Counseling Department of Xavier University offers this one-of-a-kind, Certificate in Medical Trauma Informed Care, for those working in the health care and counseling industries. This certificate is 9 credit hours, can be completed in 1 year and is fully online. The Certificate in Medical Trauma Informed Care, is exactly what you need to help others navigate stressful medical experiences.

## Admission Requirements

Candidates applying to the certificate program must have earned at least a Bachelor's degree and submit official academic transcripts as well as a statement of interest.

## Graduation Requirements

Successful completion of the certificate program requires that students earn the grade of "S" in all three courses in the sequence, as well as successful completion of the capstone project. Students requiring an "IP" grade will earn their certificates following successful completion of COUN 703, Capstone in Medical Trauma.

## Curriculum

- COUN 701 - Introduction to Medical Trauma Informed Care
- COUN 702 - Applied Medical Trauma Studies
- COUN 703 - Capstone Project in Medical Trauma Studies

## Post Master's Certificate

### Addiction Counseling Post-Master's Certificate

The Addiction Counseling Certificate program is designed to provide additional training to those desiring advanced knowledge and skills in addiction counseling. With record instances of drug related overdose deaths and shortages in licensed addiction professionals, this certificate will help meet the training needs of those desiring to serve as addiction counselors during this challenging time.

## Admission Criteria

Candidates applying to the certificate program must have earned at least a Bachelor's degree and submit official academic transcripts as well as a statement of interest.

Consideration

- Students with one year (2,000 hours) of chemical dependency related work experience may receive credit towards COUN 712, Addiction Counseling Practicum.

Please submit your application for admission into Xavier University's Graduate Programs online on the following webpage: <https://admit.xavier.edu/apply/>

## Curriculum

- COUN 639 - Substance Use and Prevention
- COUN 710 - Relationships and Addictions
- COUN 711 - Treating Behavioral Addictions
- COUN 712 - Addiction Counseling Practicum
- COUN 767 - Treating Addictive Disorders

## Health Services Administration

The Department of Health Services Administration offers the following programs:

- Bachelor of Science in Health Services Administration. A Business minor through the Williams College of Business is required with this major
- Minor in Applied Health Sciences
- Master of Health Services Administration (MHSA)
- Master of Science in Health Economics and Clinical Outcomes Research (HECOR).
- Also offered, in conjunction with the Theology Department, is a Master of Arts degree in Health Care Mission Integration.

## Bachelor of Science

### Health Services Administration, B.S.

The Bachelor of Science in Health Services Administration prepares the student, through academic work and practical internships, for a career in the growing and expanding fields of health services, including job opportunities in hospitals, systems, insurance companies, medical group practices, ambulatory centers, home care, medical devices companies, pharmaceutical companies, local, federal and state agencies, skilled nursing facilities, retirement communities, community agencies, and elder care organizations. The program also prepares students for graduate work in health services, law, medicine, allied health fields, health services research or policy and public health. All Health Services Administration students graduate with a minor in business.

For the Bachelor of Science in Health Services Administration degree, the faculty seeks to enhance students' values orientation and ethics, and to provide them with the liberal arts and technical knowledge, critical thinking and communication skills necessary to prepare graduates to perform proficiently in entry-level positions in health care organizations.

Students may experience:

- An interdisciplinary curriculum based in the liberal arts tradition
- Required field experiences (internships)
- Community service
- Undergraduate research and scholarship
- Optional immersion study abroad experience

The program's focus is on:

1. Traditional Jesuit liberal arts core with courses in language, theology, philosophy, history, math, sciences, English and communication;
2. Specialized courses in health care management, finance, ethics, economics, and statistics.

During the internship, students will have the opportunity to:

- Apply knowledge and skills learned in the classroom
- Work with others and develop relationships beyond the classroom
- Discern their individual interests
- Experience growth and development in a practical setting
- Explore options for employment

## GPA/Grade Policy

In order to remain in good standing with and graduate as an undergraduate major from the Department of Health Services Administration, students must meet the following criteria.

### Overall GPA:

- Students must maintain an overall GPA of 2.0 or above, as per the general university requirements for undergraduate students.

### Minor GPA:

- Students must meet criteria for minor courses as designated by the Williams College of Business.

### Major and Concentration GPA:

- Students must maintain an overall combined major/concentration GPA of 2.67. This GPA is made up of all courses taken in the major and concentration, and equates to a B- average for all major courses. If the student is to change concentrations, grades from their first concentration still apply to the calculation of this GPA.

### Introductory Course Grades:

- Students must achieve a grade of B- or higher in both of the introductory classes for HESA 101 and HESA 110.
- Students must achieve a grade of B- or higher in HESA 370 Internship Preparation. This class prepares students for the internship requirement the summer after their junior year.
- Grades lower than B- will result in a student not receiving credit for that course requirement towards their Health Services Administration degree.

### **Retaking Introductory Courses:**

- If a student receives a grade of C+ or below in HESA 101, HESA 110, or HESA 370, they may retake that course two additional times as per the general university policy.
- The student will be considered on departmental probation until they achieve or surpass the required grade for the designated course.
- The course must be retaken at Xavier.
- If a student fails to meet department grade standards after taking a course a total of three times, they will be dismissed from the major.
- If being dismissed, students will meet with the BSHSA Program Director and determine into which major or program they would like to be placed.

### **Falling Below Major/Concentration GPA Standards:**

- If a student falls below the major/concentration GPA standard of 2.67, they will have one semester to bring their major/concentration GPA back above the standard.
- The student will be considered on departmental probation until they have brought their major/concentration GPA back to or above the department standard.
- The summer semester is not applied. If a student falls below the major/concentration GPA standard after a spring semester, they will have until the end of the following fall semester to bring their major/concentration GPA back to or above the standard.
- If a student takes a semester off (i.e. they fall below the major/concentration standard after spring semester and take the following fall off), they will have until the end of their next enrolled semester to bring their major/concentration GPA back to or above the department standard.
- If a student fails to bring their major/concentration GPA back to or above the department standard at the end of the designated semester, they will be dismissed from the major.
- If being dismissed, students will meet with the BSHSA Program Director and determine into which major or program they would like to be placed.

### **HESA 371/372 Internship:**

- If a student is on departmental probation, they may not enroll in or complete hours towards either the HESA 371 or HESA 372 internship courses.

### **Appealing Departmental Probation:**

- Students may appeal department probation.
- If a student wishes to appeal, they should start by scheduling a meeting with the Program Director of the Undergraduate Program in Health Services Administration.
- If the Director is the professor for the course they wish to appeal, they should start with scheduling a meeting with the Health Services Administration Department Chair.
- The student should come to the meeting prepared with materials that support their appeal (i.e. tests, completed assignments, etc.).
- The Director or Chair will meet with the student. The Director and Chair will make a decision about each student appeal.
- If a student is not satisfied with the outcome of the appeal process, they can bring the appeal to the Dean of the College of Professional Sciences, following their appeal process.

## **Curriculum**

The Bachelor of Science in Health Services Administration degree requires at least 120 semester credit hours, with a major in Health Services Administration of 34 hours, plus nine credit hours in a specified concentration (Analytics: Information Management, Analytics: Population Health or Long-Term Care). Students must also declare a Business minor.

## **B.S. in Health Services Administration**

This block serves as a guideline for progress toward a degree. For more information, see your academic advisor.

### **Freshman Year**

#### **First Semester**

- HESA 101 Intro to US Healthcare
- CORE 100 First Year Seminar
- CORE 101: GOA Co-Curriculum Program
- Historical Perspectives
- ENGL 101 Composition OR ENGL 115 Rhetoric
- First Language 102 Level

Total (15)

## Second Semester

- HESA 110 Medical Terminology
- CORE 102: GOA Co-Curriculum Program II
- THEO 111 Theological Foundations
- Second Language II (201 Level)
- Math 116 or 156 based on placement
- ECON 200 Microeconomics: Social Sciences Elective

Total (15)

## Sophomore Year

### First Semester

- HESA 120 Healthcare Management
- HESA 210 Strategic Mktg & Mgmt
- Scientific Perspectives
- PHIL 100 Ethics as Intro to Philosophy
- MKTG 300 Intro to Marketing

Total (15)

### Second Semester

- HESA 220 Reimbursement
- HESA 341 Health informatics OR HESA 345 Population Health Management OR HESA 451 Aging in Society
- Humanities Elective
- ACCT 200 Financial Accounting
- General Elective

Total (15)

## Junior Year

### First Semester

- HESA 250 Public Health
- BAIS 220 Managing Info Technology
- HESA 370 Internship Prep
- FINC 300 Business Finance: Quantitative Reasoning Flag
- MGMT 300 Managerial Behavior
- Natural Science Elective

Total (16)

### Second Semester

- HESA 230 Healthcare Finance
- HESA 355 Quantitative Methods for HSA OR HESA 459 Admin of Institutions Serving Aging
- ENGL 205 Lit & Moral Imagination

- Theological Perspectives; 200-399 level
- HESA 361 Health Data Mgmt or HESA 455 Admin of Agencies Serving the Aging

Total (15)

## Summer

- HESA 371 - Internship I

Total (3)

## Senior Year

### First Semester

- HESA 401 Health Policy
- Philosophy Perspectives: PHIL 200
- Business Minor Elective: Diversity Flag
- General Elective
- Non-business General Elective

Total (15)

### Second Semester

- HESA 380 Quality Mgmt & Perf Improve
- HESA 390 Foundations of HC Policies and Law: Oral Communication Flag, E/RS Focus Elective
- Creative Perspectives
- CORE 499
- General Elective

Total (12)

### Scheduling Notes:

- Consult the Undergraduate Core Curriculum requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the core.
- Diversity Curriculum Electives may be used to satisfy other elements of the core or major. The Business Elective, or History Elective may be used to satisfy the DCR elective.

## Master of Health Services Administration

### Health Services Administration (Executive Program), M.H.S.A.

The Master of Health Services Administration program is a CAHME-accredited, nationally-ranked program preparing leaders in healthcare management since 1958. The Executive Master in Health Services Administration (EMHSA) track is offered 100% online to accommodate the needs of working professionals with three or more years of experience in health organizations, or equivalent.

- The alumni work across the US in top leadership positions in, e.g., health systems, hospitals, group practices, insurance companies, consulting firms, pharmaceutical companies, government, community health centers.
- Flexible scheduling: Enroll in 1, 2, or 3 online classes per semester to complete the degree at your own pace
- Student-focused: Benefit from close interactions between students and with faculty
- Qualified instructors: Learn from expert Xavier faculty and leaders in health organizations
- Nationwide exposure: Collaborate with other students located across the nation



- Elite network of alumni: Join an outstanding and supportive network of Xavier MHSA graduates

## Application Requirements

If you hold a bachelor's degree from an accredited institution and are employed with 3+ years of healthcare experience (or similar), you can apply online at <https://admit.xavier.edu/apply>. The application deadline is August 1st for the fall semester and December 1st for the Spring semester. Admission is on a rolling basis and will be considered after you have submitted all the required documents and had a phone or video interview with the Admission Committee members. For more information, visit our [www.xavier.edu/emhsa](http://www.xavier.edu/emhsa).

## Academic Standing

MHSA students are held to high academic and personal standards. A cumulative grade point average (GPA) of 3.00 in the MHSA curriculum is required to be in good standing in the program and for graduation. In the rare case of an academic setback, a student should contact their advisor and, if necessary, the MHSA Program Director to discuss the reason for the setback as soon as possible, preferably before the end of the semester.

## Academic Warning

Students who have a cumulative graduate grade point average less than 3.00 at the end of any semester will be placed on academic warning. Academic warning is noted in a student's permanent record and extends for the duration of the following semester. No credit is granted for courses in which a student receives a grade of "F".

## Dismissal from the Program:

MHSA students on academic warning who do not raise their GPA above 3.00 the following semester after being placed on Academic Warning will be dismissed from program at the discretion of the MHSA Program Director. Executive online students who receive a failing grade "F" or two withdrawals "W" may be dismissed from the program at the discretion of the MHSA Program Director following a conversation regarding the circumstances.

## Curriculum

The online EMHSA program consists of 14 courses for a total of 42 total hours. All courses are three credit hours each. The sequence of courses is determined jointly by the student and their advisor. As an example, here is an approved two-year courses sequence:

### Year 1

- HESA 511 - Managerial Concepts in H.C Org
- HESA 521 - Quant Methods for HC Admin
- HESA 572 - Healthcare Systems
- HESA 523 - Quality & Process Improvement
- HESA 567 - Applied Epidemiology
- HESA 516 - Human Resource Mgmt in HC
- HESA 534 - Health Anal & Decision Support

### Year 2

- HESA 519 - Strategic Mgmt & Marketing
- HESA 552 - HC Revenue Cycle & Insurance
- HESA 578 - Health Economics and Policy
- HESA 555 - Applications in HC Finance
- HESA 559 - Healthcare Project Admin
- HESA 582 - Ethics and Law in Healthcare

- HESA 600 - Capstone Project in HSA

## Health Services Administration, M.H.S.A.

The Master of Health Services Administration (MHSA) program is committed to meeting the need for effective leadership of the rapidly changing health care system. Academic work and residency/fellowship experience are designed to provide students with the necessary cutting-edge conceptual, analytical, and interpersonal skills, particularly in the areas of team development, systems improvement, quantitative analysis, information systems, strategic planning, financial strategization, and ethical decision-making. The MHSA Program is accredited by the Commission on Accreditation for Health Management Education (CAHME). Upon graduation, students obtain managerial leadership positions in a variety of health care organizations, including health systems, academic medical centers, community hospitals, managed care organizations, medical group practices, insurance companies, long-term care facilities, public health agencies, consulting firms, and governmental policy-making and regulatory agencies.

### Admission Requirements

A bachelor's degree from an accredited school is required of all applicants. Students are admitted to the Graduate Program if they are considered academically qualified and are able to demonstrate potential in the development of analytical, creative problem solving, communication, interpersonal, and leadership skills. Students come from a variety of academic backgrounds including health services, psychology, business, natural sciences and general studies.

Go to <https://www.xavier.edu/master-of-health-services-administration-program/admission/index> to reference the specific admission requirements.

### Prerequisites

We highly recommend that applicants complete a basic undergraduate or graduate course in each of the following subjects prior to beginning the MHSA Program: accounting, statistics and microeconomics. Applicants should also be competent with Microsoft Word and Excel.

### Academic Standing

MHSA students are held to high academic and personal standards. A cumulative grade point average (GPA) of 3.00 in the MHSA curriculum is required to be in good standing in the program and for graduation. In the rare case of an academic setback, a student should contact their advisor and, if necessary, the MHSA Program Director to discuss the reason for the setback as soon as possible, preferably before the end of the semester.

### Academic Warning

Students who have a cumulative graduate grade point average less than 3.00 at the end of any semester will be placed on academic warning. Academic warning is noted in a student's permanent record and extends for the duration of the following semester. No credit is granted for courses in which a student receives a grade of "F".

### Dismissal from the Program:

MHSA students on academic warning who do not raise their GPA above 3.00 the following semester after being placed on Academic Warning will be dismissed from program at the discretion of the MHSA Program Director.

The full-time MHSA track is cohort driven. Therefore, students receiving a failing grade "F" or withdrawing from a course at any time during their academic program may be dismissed from the program at the discretion of the MHSA Program Director following a conversation regarding the circumstances.

### Curriculum

A total of 66 credit hours must be completed to fulfill the requirements of the MHSA degree: 56 credit hours of didactic coursework and 9 credit hours of administrative residency and master's project.

# Master's Project

Each student is required to complete a master's project as a condition for graduation. The project must demonstrate competencies listed in the Guidelines for the Administrative Residency and reflect an aspect of health systems management of interest to both the student and preceptor, with a final approval from the faculty advisor.

## Administrative Residency

The administrative residency is part of the full time curriculum; no didactic courses are taken during this time. It provides an eight to twelve month "real world" experience in an organizational setting under the preceptorship of senior management. During the residency, students apply the knowledge and skills mastered in the classroom to an administrative work environment. The administrative residency serves as an opportunity not only to learn the actual practice of management, but also for creating mentor relationships.

## Sample Schedule

### Year 1

#### Fall Year 1 (16 credit hours)

- HESA 511 - Managerial Concepts in H.C Org
- HESA 521 - Quant Methods for HC Admin
- HESA 551 - Fundamentals of HC Finance
- HESA 561 - Clinical Medicine for HC Admin
- HESA 572 - Healthcare Systems
- HESA 601 - Professional Development I

#### Spring Year 1 (16 credit hours)

- HESA 519 - Strategic Mgmt & Marketing
- HESA 523 - Quality & Process Improvement
- HESA 555 - Applications in HC Finance
- HESA 567 - Applied Epidemiology
- HESA 575 - Economics for HC Admin
- HESA 602 - Professional Development II

#### Summer Year 1 (0 credit hours)

- Internship for 2-3 months in a healthcare organization, paid or unpaid, not for credit. Doing an internship is strongly encouraged but not required.

### Year 2

#### Fall Year 2 (13 credit hours)

- HESA 534 - Health Anal & Decision Support
- HESA 559 - Healthcare Project Admin
- HESA 579 - Healthcare Policy
- HESA 581 - Health Care Legal Aspects
- HESA 603 - Professional Development III

#### Spring Year 2 (12 credit hours)

- HESA 516 - Human Resource Mgmt in HC

- HESA 552 - HC Revenue Cycle & Insurance
- HESA 583 - Ethical Issues in Health Care
- HESA 599 - MHSA Integrative Capstone Proj
- HESA 604 - Professional Development IV

### Summer Year 2 (3 credit hours)

- HESA 720 - Residency I

### Year 3

#### Fall Year 3 (3 credit hours)

- HESA 730 - Residency II

#### Spring Year 3 (3 credit hours)

- HESA 750 - Residency III

## Concurrent Degrees Program

Students have the option of obtaining concurrent master's degrees in Health Services Administration and Business Administration (MHSA/MBA). Normally, one additional semester of study is required provided the student has the appropriate undergraduate business administration coursework. The program of study requires 99 graduate credit hours: 57 credit hours of Health Services Administration coursework, 9 credit hours of administrative residency, 33 credit hours of MBA coursework, plus necessary prerequisites. Candidates must apply and be accepted to both programs. Upon completion, the student receives two separate degrees.

## Dual Degree

### **Master of Health Services Administration / Master of Business Administration, M.H.S.A. / M.B.A.**

This concurrent degree option provides an opportunity for students to pursue an MBA degree in addition to a MHSA degree. The degree may be earned by pursuing additional hours of MBA graduate level course work through the Xavier Williams College of Business. Candidates for both degrees should declare their intentions when applying and submit one application to the graduate program in health services administration AND one application to the Williams College of Business. Concurrent degree candidates must be accepted to both the GPHSA and MBA programs. For further information about the MBA prerequisites and requirements, call 800-344-4698.

## Minors

### **Applied Health Sciences Minor**

The Applied Health Sciences Minor offers students the ability to critically analyze scientific knowledge and examine career options in science-based, applied health professions. Students consider a variety of approaches, perspectives, and factors contributing to healthy human development and functioning. Course work includes offerings from the natural sciences, social sciences, and professional disciplines, providing students with opportunities to consider and explore their pursuit of a professional degree, most likely as a graduate or second (post) baccalaureate degree, in applied health sciences. Students receive an on-line orientation to the minor (e.g., to explore major requirements and degree options) and meet with the health science minor advisor to select and complete a desired curriculum path in the minor. (23 credit hours; many courses also fulfill core requirements) Students are required to obtain a 2.5 cumulative overall GPA for coursework fulfilling the applied health sciences minor.

23 total credit hours are required, as follows

## Required Course

- HESA 389 - Applied Health Sciences Seminar

## Biology/Chemistry: 8 credits of the following

- BIOL 140/141: Anatomy and Physiology I for Allied Health (lecture and lab)
- BIOL 142/143: Anatomy and Physiology II for Allied Health (lecture and lab)
- BIOL 144/145: Anatomy and Physiology for Social Sciences (lecture and lab)
- BIOL 146/147: Anatomy and Physiology for Social Sciences (lecture and lab)
- BIOL 160/161: General Biology I (lecture and lab)
- BIOL 162/163: General Biology II (lecture and lab)
- CHEM 150/151: Physiological Chemistry (lecture and lab)

## Statistics: 3 credits of the following:

- MATH 116: Elementary Statistics
- MATH 146: Introductory Biostatistics
- MATH 156: General Statistics
- PSYC 210: Statistical Techniques

## Social Sciences: 3 credits of the following:

- PSYC 101: General Psychology
- SOCI 101: Introduction to Sociology
- SOCW 167: Survey of Society

## Health: 6 credits of the following:

- HESA 110: Medical Terminology
- RADT 150 Medical Terminology
- RADT 180 Radiation Protection and Biolo
- EXSC 100: Introduction to Exercise Science
- HESA 101: Introduction to American Health Care
- NURS 130: Ways of Knowing
- NURS 132: Health and Culture
- PSYC 368: Health Psychology
- SOCW 315: Values, Poverty and Society
- SOCI 375: Sociology of Health
- SPMG 110: Introduction to Sport Management
- BIOL 204: Neuroscience
- EXCS 200: Kinesiology

## Clinical Science Management minor

15 credit hours

## Required Courses

- HESA 240 Clinical Science Management
- Either HESA 110 Medical Terminology or BIOL 140 Human Anatomy & Physiology or BIOL 354 Human and Comparative Anatomy

## Elective Courses (9 credit hours)

- BAIS 220 Management of Information Technology
- BAIS 358 Data Modelling and Management
- BIOL 160 General Biology I
- BIOL 162 General Biology II
- BIOL 222 Immunology
- BIOL 230 Genetics
- BIOL 360 Cell Biology
- BIOL 364 Virology
- BIOL 370 Endocrinology
- CHEM 160 General Chemistry I
- CHEM 162 General Chemistry II
- CHEM 435 Medicinal Chemistry
- CSCI 220 Data Structures & Algorithms
- CSCI 230 Socially Responsible Data Usage
- CSCI 335 Databases
- ENTR 305 Creativity and Innovation
- EXSC 200 Kinesiology
- EXSC 300 Exercise Physiology
- HESA 355 Quantitative Methods in Healthcare
- HESA 361 Health Data Management
- HESA 380 Quality Management and Performance Improvement
- HESA 390 Foundation of Healthcare Law and Ethics
- MATH 146 Introductory Biostatistics
- MATH 256 Introduction to Probability and Stats
- MGMT 200 Organizational Management
- MGMT 305 Creativity and Innovation
- MGMT 309 Change Management
- MGMT 312 Leadership
- MGMT 385 Project Management
- NURS 333 Health Assessment
- NURS 364 Pathophysiology
- NURS 370 Intro to Nursing Research
- PSYC 368 Health Psychology
- PSYC 426 Physiological Psychology
- SHRM 300 Human Resource Management
- SHRM 345 Compensation
- SHRM 360 Staffing
- SHRM 370 Training and Development
- THEO 312 Christian Health Care Ethics
- THEO 327 Religion and Bioethics

## Note(s)

- Students will be required to maintain a cumulative GPA of 2.0 or higher in the minor courses.

## Health Services Administration Minor

This 15 credit hour minor is available to APEX/ADC students only.

## Curriculum

### Required Courses (6 credit hours)

- HESA 101 - Intro To US Health Care
- HESA 110 - Medical Terminology

## Health Services Administration Courses (9 hours of the following)

- HESA 120 - Health Care Management
- HESA 210 - HC Marketing & Strategic Mgmt
- HESA 220 - HC Reimbursement Systems
- HESA 230 - Health Care Finance
- HESA 250 - Public Health
- HESA 341 - Health Informatics
- HESA 361 - Health Data Management
- HESA 380 - Qual Mgmt & Performance Imp
- HESA 390 - Foundation of HC Law & Ethics
- HESA 401 - Health Policy
- HESA 451 - Aging In Society
- HESA 455 - Admin Of Agencies Serv Aged
- HESA 459 - Admin of Post-Acute Care

## Population Health Minor

The Population Health Minor is an interdisciplinary minor open to all Xavier University undergraduate students and compatible with any major. Courses provide students with an understanding of the distribution of health outcomes within populations, the social determinants of health (SDoH) that influence health distribution and equity, the economic framework influencing social determinants of health (SDoH), and the policies and interventions that impact the determinants and life expectancy of the population within diverse communities.

**Academic Support** - The minor has a faculty Director who is available to advise and guide students on the minor in population health requirements.

15 total credit hours are required, as follows:

9 hours of a required course

- HESA 245- Intro to Population Health
- HESA 380- Quality Management & Performance Improvement
- HESA 499- Population Health Capstone

6 hours of Population Health courses

- Students are to select courses totaling 6 credits from the list of courses that contain the approved attribute for population health
- Note: No more than six hours may come from a single department.

### Approved Courses include:

- BIOL 227 Parasitology
- BIOL 260-261 Environmental Sciences
- BIOL 364 Virology
- BIOL 398 Air and Water Pollution
- BIOL 430 Medical Genetics
- ECON 395 Economics of Poverty
- EDME 359 Community and Advocacy in Education
- HESA 101 Introduction to US Health Care
- HESA 345 Population Health Management
- HESA 372 Internship 2 Community Service Learning
- HESA 373 Immersive Learning in Population Health
- HESA 380 Quality Management and Performance Improvement
- HESA 390 Foundations of Healthcare Ethics and Law
- HESA 498 Independent Study in Advanced Health Services
- HESA 101 Introduction to American Health Care
- HIST 114 History of Native American Health
- HIST 237 History of Epidemic Disease
- HIST 319 Health in Modern Britain
- HOCS 323 Occupational Justice I: Foundations
- NURS 132 Health and Culture
- NURS 470 Community Health Nursing

- NURS 471 Community Health Nursing Practicum
- PSYC 277 Abnormal Psychology
- PSYC 368 Health Psychology
- SOCW 208 Economics of Society
- SOCW 300 Adolescence to Older Adult Development
- SOCI 375 Sociology of Health
- SOCW 299 Child Welfare and Development
- SOCW 315 Values, Poverty and Society
- SPAN 332 Spanish in Community Health Settings
- THEO 312 Christian Health Care Ethics

## Occupational Therapy

The Occupational Therapy Doctoral (OTD) program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 6116 Executive Boulevard, Suite 200, c/o Accreditation Department, North Bethesda, MD 20852-4929. ACOTE'S telephone number is 301-652-6611, [www.acoteonline.org](http://www.acoteonline.org). Graduates of the program will be eligible to take the national certification examination for the occupational therapist administered by the National Board for the Certification in Occupational Therapy (NBCOT) located at One Bank Street, Suite 300, Gaithersburg, MD 20878, phone 301 990-7979, [info@nbcot.org](mailto:info@nbcot.org). Upon successful completion of this exam (and meeting all other NBCOT application requirements), the individual is able to hold the title of occupational therapist, registered (OTR). Most states have specific additional credentialing requirements (e.g., licensure, registration) in order to legally practice in that state. All state credentialing bodies require a passing score on the NBCOT certification examination. A felony conviction may affect a graduate's ability to sit for the certification examination or attain state licensure.

## Occupational Therapy

Occupational therapy (OT) is a health-care profession that uses occupation, or meaningful activity, to help people lead productive and satisfying lives. Occupational therapists form a dynamic and collaborative partnership with service recipients in order to support their maximal participation in societal roles. The uniqueness of occupational therapy lies in the recognition and appreciation of the importance of day-to-day occupations that are used to positively influence ones health and well-being. People of all ages who have difficulty performing daily activities due to physical, psychological, emotional, or developmental problems can benefit from occupational therapy services on an individual basis or as members of a group or community.

Occupational therapy practitioners are skilled professionals whose education includes the study of human growth and development with specific emphasis on the social, emotional, and physiological effects of illness and injury and the concomitant benefits of engagement in occupation. Occupational therapists need to be people-focused as well as art- and science-oriented. They must be well-educated in the functions of mind, body, and spirit.

Occupational therapy is a rewarding and satisfying career that requires a high level of skills and expertise. See the list of Essential Functions for Coursework & Fieldwork on the department's website that details the performance abilities and characteristics necessary to successfully complete the requirements of the OTD program.

## Volunteer/Work Experience

Documented exposure to the field of occupational therapy is accomplished through volunteer or paid work experience in an occupational therapy practice setting. Completion of 20 hours at one site with one practitioner prior to acceptance to Xavier and an additional 20 hours at a different site with a different practitioner prior to beginning of classes on first day of freshman year is required for a total of 40 hours. Documentation must be on the Volunteer or Work Experience in Occupational Therapy forms. Only two forms will be accepted; additional forms will not be considered. The forms must be completed by a fully credentialed occupational therapy practitioner who supervised the student and must be submitted on the original forms. The supervisor may not be a relative, personal friend or acquaintance. Photocopies of completed forms will not be accepted.

## Requirements

Upon acceptance into the OTD program, students are required to complete all graduate courses (OCTD courses) with a minimum cumulative grade point average of 3.0 (on a 4.0 scale). Student membership into the American Occupational Therapy Association (AOTA) is also required as is membership in a State Association. The mission of the AOTA "advances occupational therapy practice, education, and research through standard setting and advocacy" (American Occupational Therapy Association, 2021)..

For all community-engaged learning, Level I and Level II fieldwork, and the doctoral capstone experience, students must show evidence of malpractice liability insurance (\$2,000,000/\$4,000,000). Liability insurance is mandatory and provided through the University, and the University has negotiated a favorable group rate for occupational therapy students. Students are billed through the University when they register for related courses. All students must also complete an annual Criminal Background Check. All students also must have current CPR certification; hepatitis B immunization; measles, mumps, and rubella immunizations; varicella, tetanus/diphtheria/pertussis; Covid-19 full vaccination including booster; an annual tuberculosis test; annual influenza vaccine; annual history and physical exam; annual Universal Precautions and HIPAA training; and criminal background check in order to participate in all fieldwork experiences; drug testing may be requested upon demand. Level II Fieldwork courses must be completed within 12 months of the academic coursework on campus; doctoral capstone courses must be completed within 24 months of the academic coursework on campus.

Note: A felony conviction may affect a graduate's ability to sit for the certification examination or attain state licensure. Additionally, a felony conviction may limit or preclude participation in certain community-engaged learning experiences, Level I and Level II fieldwork sites, or the doctoral capstone experience.

## Occupational Therapy Doctorate



# Occupational Therapy, O.T.D.

The Occupational Therapy Doctorate (OTD) Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE). ACOTE is located at 6116 Executive Boulevard, Suite 200, North Bethesda, MD 28052-4929. ACOTE's telephone number is (301) 652-AOTA, [www.acoteonline.org](http://www.acoteonline.org). Graduates will be eligible to sit for the national certification examination for the occupational therapist administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be an Occupational Therapist, Registered (OTR). In addition, all states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT Certification Examination. Note that a felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure.

Occupational therapy (OT) is a health-care profession that uses occupation, or meaningful activity, to help people lead productive and satisfying lives. Occupational therapists form a dynamic and collaborative partnership with service recipients in order to support their maximal participation in societal roles. The uniqueness of occupational therapy lies in the recognition and appreciation of the importance of day-to-day occupations that are used to positively influence one's health and well-being. Persons, groups, or populations who have difficulty participating in daily roles, routines, and activities due to physical, psychological, emotional, or developmental problems can benefit from occupational therapy services.

Occupational therapists are skilled professionals whose education includes the study of human growth and development with specific emphasis on the social, emotional, and physiological effects of illness and injury and the concomitant benefits of engagement in occupation. Occupational therapists need to be people-focused as well as art- and science-oriented. They must be well-educated in the functions of mind, body, and spirit. The occupational therapy doctorate degree provides "opportunities for the occupational therapist to possess the necessary knowledge and skills as a direct care provider, consultant, educator, manager, leader, researcher, and advocate for the profession and the consumer" (ACOTE Standards, 2018). Occupational therapy is a rewarding and satisfying career that requires a high level of skill and expertise.

The Occupational Therapy Doctoral Program spans seven semesters post-baccalaureate degree and culminates in an earned entry-level occupational therapy doctorate (OTD) degree. The course of study includes completion of didactic and lab courses, fieldwork Level I and II, a doctoral capstone experience, and a doctoral capstone project. The OTD Program's Mission, Philosophy, and Curriculum Design center around curricular threads of Practice, Ethics, Advocacy, Leadership, and Scholarship. The Program's Mission is to educate students to become competent and ethical practitioners who advocate for justice, serve as leaders, and embrace a lifetime of scholarship.

See the list of [Essential Functions for Coursework and Fieldwork](#) that details the performance abilities and characteristics necessary to successfully complete the requirements of the OTD program.

See [Entry-level Occupational Therapy Doctorate Degree Admission Requirements](#) for application and admission details. Acceptance into the capped OTD program includes but is not limited to the following: completion of a minimum of a bachelor's degree with an earned, preferred cumulative GPA of 3.2 on a 4.0 scale; completion of all pre-requisite course requirements; meeting competitive GRE score criteria (waived for entrance in Fall 2024); and submitting an application accompanied by three letters of recommendation.

## Additional Requirements

Student membership into the state and national occupational therapy professional organizations is required. Prior to beginning community-engaged learning experiences, Level I and Level II fieldwork, and the doctoral capstone experience, students must show evidence of malpractice liability insurance (\$2,000,000/\$4,000,000). Liability insurance is mandatory and provided through the University, and the University has negotiated a favorable group rate for occupational therapy students. Students are billed through the University when they register for courses that include a fieldwork or community experience. All students must have current CPR certification; hepatitis B immunization; measles, mumps, and rubella immunizations; varicella, tetanus/diphtheria/pertussis, Covid-19 full vaccination including booster; an annual FBI & BCI criminal history record check, tuberculosis test, seasonal influenza vaccine, history and physical exam, universal precautions and HIPAA training. Drug testing may be requested upon demand. Possession of or ability to attain a valid passport for travel outside the US is required for the Total Immersion Diversity Experience (TIDE). Level II Fieldwork courses must be completed within 12 months of the didactic coursework. Doctoral capstone must be completed within 24 months of completing didactic coursework.

## Curriculum

- OCTD 501 Applied Neuroscience (3)
- OCTD 502 Occupational Science (3)
- OCTD 505 Professional and Ethical Practice (3)
- OCTD 508 Occupational Therapy Theory (3)
- OCTD 510 Therapeutic Skills (2)
- OCTD 512 Therapeutic Skills Lab (2)
- OCTD 520 Occupational Therapy Measurement and Assessment (3)
- OCTD 522 Scholarship I: Quantitative Research Methods (3)
- OCTD 524 Occupational Justice (3)
- OCTD 526 Occupational Therapy Process: Behavioral Health (3)
- OCTD 528 Behavioral Health Lab (1)
- OCTD 530 Focused Topic: Grant Writing (1)
- OCTD 531 Focused Topic: Occupation-Based Movement Analysis (1)
- OCTD 532 Focused Topic: Occupational Therapy Evidence-based Practice (1)
- OCTD 534 Introduction to Capstone (1)
- OCTD 600 Occupational Therapy Process: Pediatrics (3)
- OCTD 602 Pediatrics Lab (1)
- OCTD 604 Capstone Development I (3)
- OCTD 606 Scholarship II: Qualitative Research Methods (3)
- OCTD 608 Environmental Analysis (3)
- OCTD 610 Focused Topic: School-based Practice (1)
- OCTD 612 Focused Topic: Grant Writing (1)
- OCTD 614 Level I Fieldwork Pediatrics (1)

- OCTD 620 Occupational Therapy Process: Adults (3)
- OCTD 622 Adults Lab (1)
- OCTD 624 Culture and Occupation (1)
- OCTD 626 Assistive Technology for Lifespan (3)
- OCTD 628 Assistive Technology Lab (1)
- OCTD 630 Occupational Therapy Management and Supervision (3)
- OCTD 633 Scholarship III: Scholarly Study (3)
- OCTD 634 Focused Topic Lab: Prosthetics, PAMs, and Splinting (1)
- OCTD 700 Occupational Therapy Process Geriatrics (3)
- OCTD 701 Occupational Therapy Process Geriatrics Lab (1)
- OCTD 705 Capstone Project Development II (3)
- OCTD 706 Advanced Practice: Population Health & Community-Based Practice (3)
- OCTD 708 Occupational Therapy Leadership & Advocacy (3)
- OCTD 712 Level I Fieldwork Adult/Geriatric (1)
- OCTD 714 Level I TIDE Fieldwork (1)
- OCTD 720 Level II Fieldwork (A) (6)
- OCTD 722 Level II Fieldwork (B) (6)
- OCTD 800 Capstone Practicum (6)
- OCTD 802 Capstone Dissemination (3)

## Social Work

The Department of Social Work offers the Bachelor of Science in Social Work.

### Bachelor of Social Work

### Social Work, B.S.W.

"I want to help people." This is the quest most commonly identified by students declaring social work as a major. For those with a strong desire to promote social justice and improve the collective well-being of individuals, families, groups, organizations, and communities, social work is a profession with both educational and licensure requirements. Social workers are licensed professionals helping both individual people and society with complex interpersonal and social problems

Social Work at Xavier is a four-year undergraduate program grounded in the liberal arts which grants the student a bachelor of social work (BSW) degree and has been accredited continuously for over thirty five years by the Council on Social Work Education.

In order to graduate students who are prepared for beginning level social work generalist practice as well as for graduate school, the following five goals of the Social Work program are linked to the student learning outcomes of the University.

- **Critical Thinking & Research:** students will apply critical thinking skills in order to engage as a consumer and producer in research informed practice and practice informed research.
- **Practice as a Professional:** students will identify as professional generalist practitioner and become leaders engaging, assessing, intervening, and evaluating client systems at all levels, with an understanding of interprofessional practice.
- **Ethics & Values:** students will be able to engage in a decision making process based on the ethical principles of social work and identifying personal and professional values that play a role in that process.
- **Policy & Social Justice:** students will be able to engage in analysis and action regarding policy and practice standards that are informed by knowledge of institutional discrimination, oppression, and privilege and that advance social justice for all
- **Human Behavior & Diversity:** students will be able to utilize social work cultural competency standards and theories of human behavior grounded in person-in-environment perspective, including bio-psycho-social-spiritual assessment.

Social work majors primarily complete their university core curriculum requirements during freshman and sophomore years, including four courses required by the major that are taught outside of the department. Most required social work courses are upper level courses taught inside the department during junior and senior years.

To be an effective beginning level generalist practitioner, social work majors must acquire knowledge of social work theory and develop skills as a practitioner under professional supervision. During both semesters of the senior year, students are engaged 16 hours per week in a supervised Field Placement agency setting. During spring semester of the junior year, the Director for Field Education guides students through an extensive matching process to choose their Field Placement site.

Social Work licensure requirements vary by state. To determine the licensure requirement for each state, see [www.aswb.org](http://www.aswb.org). In many states, including Ohio, students graduating with a BSW can take the licensure exam to be a Licensed Social Worker. In Ohio, the licensure exam can be taken in spring of the senior year to prepare for employment upon graduation.

Social workers who have graduated from an accredited BSW program like Xavier's may be eligible for advanced standing admission to graduate-level MSW programs. Through advanced standing, social work graduate students can often complete their graduate degree in only one year.

## Academic Performance Policy

### **Declaring the Major**

Students may declare Social Work as a major as incoming freshmen or thereafter during their careers at Xavier as long as they are in good academic standing in the university and have a gpa of 2.5 or higher).

- The first step is to meet with the chair of the department.
- After that, the official change of major through the registrar's office will be initiated by the department administrative assistant.
- Students will then be assigned an Academic Advisor within the Social Work Department, and are required to meet with their Academic Advisor each semester to ensure completion of the required curriculum.
- All students declaring social work as a major enter the major at provisional status.
- In the junior year, social work majors must have achieved a 2.5 GPA to be eligible to complete the Field Placement Petition process in spring in order to enter field placement in fall of the senior year.
  - Social work majors should begin their junior year with a minimum 2.5 GPA in the major as determined by the registrar (for a minimum of 3 SOCW courses taken at Xavier University).
  - Those who have achieved a minimum August 2.5 GPA will be granted full acceptance into the major during fall semester of the junior year.
  - Those who either have not yet achieved a minimum August 2.5 GPA or who have not yet completed 3 SOCW courses at Xavier University will be placed on provisional status as a major and have one semester, the fall semester of junior year, to meet this December GPA requirement.

### **Admission & Academic Performance Policy**

1. Students must be in good academic standing at the university and have a GPA of 2.5 or higher to be accepted as a social work major.
2. Social work course credit is not granted for life experiences or previous work experience.
3. A minimum GPA of 2.5 in the major is required to graduate with a BSW degree.
  1. This GPA is based on the 53 required social work credit hours plus the 9 credits of electives.
  2. It does not include the 12 CR of coursework required outside the department: intro to sociology, intro to psychology, human biology, and statistics.
4. All students declaring social work as a major enter the major at provisional status.
5. In the junior year, social work majors must have achieved a 2.5 GPA to be eligible to complete the Field Placement Petition process in spring in order to enter field placement in fall of the senior year.
  1. Social work majors should begin their junior year with a minimum 2.5 GPA in the major as determined by the registrar (for a minimum of 3 SOCW courses taken at Xavier University).
  2. Those who have achieved a minimum August 2.5 GPA will be granted full acceptance into the major during fall semester of the junior year.
  3. Those who either have not yet achieved a minimum August 2.5 GPA or who have not yet completed 3 SOCW courses at Xavier University will be placed on provisional status as a major and have one semester, the fall semester of junior year, to meet this GPA requirement.
  4. A student may appeal the 2.5 GPA policy by submitting the request in writing to the department. The department has the right to deny or grant any such request.
6. The social work department has a "C or better" grade policy for all courses required by the major. If a student receives a letter grade below a "C" , meaning a "C-" or below, in a course required by the social work major, the student must repeat the course.
  1. This policy applies to all SOCW courses and those required courses taught outside the department. (listed in italics in the social work handbook/advising checklist)
  2. This policy DOES NOT apply to courses fulfilling the required 9 CR of social work electives.
  3. A student may appeal the "C or better" grade policy by submitting the request in writing to the department. The department has the right to deny or grant any such request.
7. Students fully accepted as a major with a minimum 2.5 GPA whose GPA in the major drops below 2.5 have one semester of probationary status and one semester only to return to a minimum 2.5. Students unable to do so will no longer be able to declare social work as a major.

### **Termination from Social Work Major**

The Social Work Department at Xavier University is interested in promoting professionalism in social work. The termination process of the Department is designed to ensure that individuals who do not meet the expectations for entry level social work do not graduate with a social work degree.

- Prior to termination, the student will be provided with verbal and written notification of an impending action.
- An interview with the Chairperson and/or Director for Field Education will be scheduled with the student to discuss alternate options to termination.
- If an option other than termination is viable, a contract will be negotiated between the Chairperson and the student specifying steps to be taken toward resolution with a time limit for the accomplishment of the plan.
- A final interview with the Chairperson will be scheduled to determine if the steps in the contract have been successfully accomplished.
- The Chairperson may re-negotiate the contract as needed.
- Students who are terminated from the major are notified in writing of the decision.

Students may be terminated from the social work major for both academic and/or professional performance issues. Students may be terminated from the major any time after declaration of the major. To terminate a student from the major is a serious decision that is made collectively by the social work faculty. These reasons may include, but are not limited to:

### **Reasons for Termination:**

1. Failure to meet or maintain academic grade point requirements as established by the University.
2. Academic plagiarism in any social work course.
3. Failure to meet academic requirements of the program.
4. Violation of the NASW Code of Ethics.

## Requirements for the Social Work Major

## Undergraduate Core Curriculum requirements:

48-63 Credit Hours dependent on courses taken. See Undergraduate Core Curriculum

Courses taught outside the department required by the major that also meet core curriculum requirements.

### Mathematics:

- Take Statistics from either MATH 116 or MATH 156 and earn a grade of "C" or better; and take another math core class.

### Science:

- BIOL 102 and BIOL 132 and earn a grade of "C" or better;

### Social Sciences:

- PSYC 101 and SOCI 101 and earn a grade of "C" or better in each class.

## Major requirements:

53 credit hours, as follows; and 9 credit hours of electives, as needed for a total of 62 credit hours.

### Specific social work courses required, take:

- SOCW 167 - Survey of Society Social Work
- SOCW 206 - Intro to Gender & Diversity St
- SOCW 208 - Economics of Society
- SOCW 299 - Child Welfare and Development
- SOCW 300 - Adolescence - Older Adulthood
- SOCW 315 - Values, Human Rights, Advocacy
- SOCW 316 - Soc Policy & Contemporary Issu
  
- SOCW 352 - Research Methodology
  
- SOCW 392 - Practice I: Individuals
- SOCW 393 - Practice II: Groups & Families
- SOCW 394 - Practice III: Comm & Org
- SOCW 404 - Rel/Ethics & Profession Pract
- SOCW 417 - Social Work Field Instruction
- SOCW 418 - Social Work Field Instruction
- SOCW 419 - Social Work Seminar
- SOCW 420 - Social Work Seminar

## Social Work Electives

9 credit hours as follows:

- Minimum of nine hours in related divisional work as specified in the Support Core (or other courses approved by the department chair),

- CJUS 101 - Intro to Criminal Justice
  - CJUS 260 - Current Issues in Crim Justice
  - CJUS 321 - Juvenile Justice
  - CJUS 335 - Inside-Out Prison Exchange
  - COMM 101 - Oral Communication
  - COMM 209 - Group Dynamics
  - POLI 140 - American Government and Politi
  - POLI 301 - Political Philosophy
  - PSYC 261 - Social Psychology
- 
- SOCW 261 - Social Psychology
  - PSYC 277 - Psychological Disorders
  - SOCW 318 - Trends in Modern Soc: Race Rel
  - SOCW 325 - Gender Identity & Intersection
  - SOCW 402 - Child Maltreatment & Fam Viol
  - SOCW 444 - Addictive Behaviors
  - PSYC 367 - Psychology of Aging

## Additional Major requirements:

- In order to enter field education courses, the student must complete the petition for acceptance into field education, and receive approval for entrance into field by the department.
- Other policies for Social Work majors are located in the departmental student handbook.
- A grade of "C" or better must be attained in each course required for the social work major, including the nine hours of social work electives.
- Exceptions to this requirement may be granted following petition to the department.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S.W. Social Work

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language I
- CORE 100 - First Year Seminar
- CORE 101 - First Year Co-Curricular Program I
- SOCW 167 - Survey of Society Social Work (fulfills core Diversity Curriculum Requirement)

Total (15)

#### Second Semester

- THEO 111 - Theological Foundations
- Second Language II
- SOCI 101 - Introduction to Sociology or PSYC 101 - General Psychology or PSYC 130/131 - Psychology Science Perspective/Lab
- Creative Perspectives Elective
- Historical Perspectives
- CORE 102 - First Year Co-Curricular Program II

Total (15)

## Sophomore Year

### First Semester

- SOCW 299 - Child Welfare and Development (fulfills core curriculum Social Science Requirement)
- SOCW 206 - Intro to Gender & Diversity Studies
- PHIL 200 - Philosophical Perspectives
- Scientific Perspectives Elective
- CLAS 205 - Classical Lit & Moral Imagination or ENGL 205 - Literature & Moral Imagination or SPAN 205 - Hispanic Lit & Moral Imagination

Total (15)

### Second Semester

- SOCW 300 - Adolescence - Older Adulthood
- BIOL 102/132 - Life: Human Biology/Lab (fulfills core curriculum Natural Science Requirement) or BIOL 106/107 - Biology of Aging/Lab
- SOCW 208 - Economics of Society
- Humanities Elective
- Oral Communication Elective

Total (15)

## Junior Year

### First Semester

- PSYC 101 - General Psychology or SOCI 101 - Introduction to Sociology
- SOCW 392 - Practice I: Individuals
- Upper Level Diversity Course
- SOCW 315 - Values, Poverty and Society <sup>+</sup>
- SOCW 321 - Communication Skills

Total (15)

### Second Semester

- MATH 166 - Elementary Stats
- SOCW 393 - Practice II: Groups & Families
- SOCW 316 - Soc Policy & Contemporary Issu
- SOCW Elective
- Quantitative Reasoning Elective

Total (15)

## Senior Year

## First Semester

- SOCW 417 - Social Work Field Instruction
- SOCW 419 - Social Work Seminar
- SOCW 352 - Research Methodology
- SOCW 394 - Practice III: Comm & Org
- General Elective

Total (15)

## Second Semester

- SOCW 418 - Social Work Field Instruction
- SOCW 420 - Social Work Seminar
- SOCW Elective or Writing Intensive Elective
- SOCW 425 - Research Methods II
- SOCW 404 - Rel/Ethics & Profession Pract

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- + Several courses offered by the social work department fulfill the fourth societal focus course in the Core Curriculum's Ethics/Religion and Society (E/RS) Focus: SOCW 315 Values, Human Rights, Advocacy; SOCW 404 Rel/Ethics & Profession Pract; and SOCW 206 - Intro to Gender and Diversity Studies

## Minors

### Social Work Minor

The social work minor provides students with:

- An understanding of the profession of social work and the central role of advocacy
- An understanding of social work values and ethical practices
- An examination of contemporary social issues affecting individuals, families, groups, organizations, and communities integrating diversity and social justice perspectives
- An understanding of social policies and social institutions that impact citizens and society
- An understanding of knowledge and skills necessary to engage in empowerment and advocacy for the collective well-being of all and developing solutions to many contemporary social problems

## 18 credit hours

### 6 credit hours:

- SOCW 167 - Survey of Society Social Work
- SOCW 316 - Soc Policy & Contemporary Issu

### 12 credit hours

Choose 4 of the following 5:

- SOCW 206 - Intro to Gender & Diversity St

- SOCW 208 - Economics of Society
- SOCW 299 - Child Welfare and Development
- SOCW 300 - Adolescence - Older Adulthood
- SOCW 315 - Values, Human Rights, Advocacy
- SOCW 404 - Rel/Ethics & Profession Pract or
- THEO 404 - Rel/Ethics & Prof. Practice

## Note(s):

- A grade of C or better is required for all coursework in the minor.

# Sport Science and Management

The Department of Sport Science and Management offers undergraduate degrees in sport management, sport marketing, and exercise science, as well as master's degrees in athletic training and sport administration.

Guided by Jesuit values, the mission of the Department of Sport Science and Management is to support students in achieving academic and professional goals involving moral and ethical exploration through rigorous course work and experiential learning.

The sport management, and marketing programs prepare students to work in the sport industry. This industry is competitive, and for students to succeed, it is necessary to network and build relationships in the industry while pursuing undergraduate education. To this end, the program seeks to maximize student contact with industry professionals and enhance understanding of the business of sport through rigorous academic preparation.

The exercise science degree is a scientific program that focuses on the anatomy, physiology, biochemistry, and biophysics of human movement, and the application to exercise, physical activity, and therapeutic rehabilitation. Students will be prepared to work in health promotion, fitness facilities, colleges and universities, clinical rehabilitation facilities, and in sport and athletic conditioning programs. This degree is also designed to help students prepare for graduate studies in athletic training, medicine, occupational therapy, physical therapy, and other health care related specialties.

Dependent upon the exercise science electives students select, at the end of this program students may be eligible for the following certifications; American College of Sports Medicine (ACSM) Certified Exercise Physiologist, ACSM Certified Personal Trainer, National Strength & Conditioning Specialists (CSCS), and American Council on Exercise (ACE) Personal Trainer Certification.

The Xavier University Athletic Training Program (XU-ATP) functions to prepare students, in the Jesuit tradition, to serve others through competent and compassionate healthcare. The XU-ATP provides a positive learning environment that fosters ethical decision-making, and collaboration with emphasis on instilling the values of continuous improvement and life-long learning. The XU-ATP merges rigorous course work with a variety of applied clinical experiences to build a strong foundation for a career in the field of athletic training.

The Xavier University Athletic Training Program fulfills the curricular guidelines established by the Commission on Accreditation of Athletic Training Education (CAATE) and the National Athletic Trainers' Association (NATA). Completing a degree in our Master of Science in Athletic Training program fulfills the eligibility requirements of the BOC certification exam. Graduates of Xavier University's Athletic Training Program receive a Master of Science (M.S.) degree in Athletic Training and are eligible to sit for the BOC exam.

The degree of Master of Science with a concentration in Sport Administration is designed to prepare an individual for a career within the expanding sport industry. The program is fully online, using an 8-week asynchronous format for all courses. The curriculum was designed utilizing the guidelines recommended by the North American Society for Sport Management (NASSM) and the Commission on Sport Management Accreditation (COSMA).

## Bachelor of Science

### Exercise Science, B.S.

The BS in Exercise Science degree is a scientific program that focuses on the anatomy, physiology, biochemistry, and biophysics of human movement, and the application to exercise, physical activity, and therapeutic rehabilitation. Students will be taught to create and execute science-based exercise programs that are safe and effective for a variety of individuals. Students will learn to promote wellness for individuals of different ages, sexes, and fitness levels/abilities.

Students will be prepared to work in health promotion, fitness facilities, colleges and universities, clinical rehabilitation facilities, and in sport and athletic conditioning programs. This degree is also designed to help students prepare for graduate studies in athletic training, medicine, occupational therapy, physical therapy, and other health care related specialties.

Dependent upon the exercise science electives students select, at the end of this program students may be eligible for the following certifications; American College of Sports Medicine (ACSM) Certified Exercise Physiologist, ACSM Certified Personal Trainer, National Strength & Conditioning Specialists (CSCS), and American Council on Exercise (ACE) Personal Trainer Certification.

## Program Admission Requirements



There are no separate admission criteria for the BS in Exercise Science major. All students that are admitted into XU are welcome to start the major.

## Program Progression and Retention Requirements

### Academic Progression

- Several Exercise Science courses have required pre-requisites. Students must pass each required pre-requisite with a grade of C or better to be permitted to register for the Exercise Science course. A grade of C- or less will not meet the requirement. This may impact progression in the major and possibly a student's date of graduation.
- Students must earn minimum grade of "C" in all Core Exercise Science courses. Students may repeat a course one time to improve their grade and meet graduation requirements. If a student does not meet the minimum grade requirement the second time a course is taken, they will not be permitted to retake the course, and will be dismissed from the major.

### Academic Probation

- Any student whose cumulative average falls below 2.75 is placed on academic probation. Academic probation will be imposed by the program director at the end of any term. While on probation a student may be restricted to a reduced course load, and/or receive other stipulations intended to improve the student's academic success. Academic probation is removed when the student's cumulative average rises to 2.75 or above.

### Academic Suspension

Students on academic probation who fail to restore their cumulative grade point average to 2.75 within two semesters will be suspended from the program. In addition, freshmen and probationary students who receive more than one failing grade within a single term will be suspended. Suspension will be enforced unless in the judgment of the program director there are extenuating circumstances. One fall or spring term must elapse before a suspended student may reapply.

### Academic Reactivation

A suspended student who wishes to return is required to contact the program director in writing. Reactivation and the conditions for such will be determined by program director.

### Academic Dismissal

A student who has been readmitted after a period of suspension and who fails to meet the terms of the readmission as stipulated by the program director will be dismissed from the program and is not eligible to return.

## Program Graduation Requirements

- Completion of all Exercise Science and XU Core Requirements
- Completion of a minimum of 120 credits
- A minimum grade of "C" in all Core Exercise Science courses
- A minimum cumulative GPA of 3.0 in all EXSC courses
- A minimum grade of "C" in all Exercise Science Elective courses
- A minimum grade of "C" in all required Science courses
- Anatomy and Physiology must be completed at a four-year regionally accredited university

## Requirements for the Exercise Science Major

### Core Curriculum Requirements

See Undergraduate Core Curriculum

### Exercise Science Curriculum

Credit Hour Total: 56-57 cred hours.

- Exercise Science Major Requirements - 26 credit hours
- Exercise Science Electives - 9 credit hours
- Math Requirements - 3 credit hours
- Science Requirements - 15-16 credit hours
- Social Science Requirements - 3 credit hours

## Major Requirements

- EXSC 100 - Intro to Exercise Science
- EXSC 200 - Kinesiology
- EXSC 300 - Exercise Physiology
- EXSC 320 - Fitness Training Principles
- EXSC 325 - Resistance Training
- EXSC 360 - Nutrition for Sport & Exercise
- EXSC 380 - Fitness Assessment & Design
- EXSC 381 - Fitness Assess & Design Lab
- EXSC 460 - Exercise Science Practicum

## Exercise Science Electives - 9 hours from the following options:

- BIOL 204 - Functional Neuroscience
- BIOL 370 - Endocrinology
  
- EXSC 260 - Sports Medicine
- EXSC 261 - Sports Medicine Laboratory
  
- EXSC 400 - Biomechanics
- EXSC 420 - Cardiopulmonary Fitness
- EXSC 440 - Fitness in Special Populations
- SPMG 322 - Facility & Event Mgmt
- SPMG 348 - Legal & Ethical Issues in Sprt
- SPMG 377 - Sport Psychology
- SPMG 410 - Sport Ethics

## Mathematics Requirements:

- MATH 116 - Elementary Statistics
- MATH 156 - General Statistics

## Science Requirements:

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health
- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- CHEM 150 - Physiological Chemistry
- CHEM 151 - Physiological Chemistry Lab
  
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- PHYS 140 - Technical Physics
- PHYS 141 - Technical Physics Lab
  
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I

## Social Science Requirement:

- PSYC 101 - General Psychology

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

# B.S. Exercise Science

4 Year Plan

## First Year

### Fall Semester

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Human A&P I Lab Allied Health
- ENGL 101 - English Composition
- EXSC 100 - Intro to Exercise Science
- Second Language I
- CORE 101
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

### Spring Semester

- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- EXSC 200 - Kinesiology
- Historical Perspectives
- Second Language II
- CORE 102
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

## Second Year

### Fall Semester

- CHEM 150 - Physiological Chemistry
- CHEM 151 - Physiological Chemistry Lab
- MATH 116 - Elementary Statistics or MATH 156 - General Statistics
- PSYC 101 - General Psychology
- EXSC 300 - Exercise Physiology
- Theological Perspectives Elective

### Spring Semester

- PHIL 100 - Ethics as Intro to Philosophy
- EXSC 320 - Fitness Training Principles
- EXSC 325 - Resistance Training
- EXSC 360 - Nutrition for Sport and Exercise
- ENGL/CLAS/SPAN 205 - Lit & Moral Imag
- Core/General Electives (3)

## Third Year

### Fall Semester

- PHYS 140 - Technical Physics

- PHYS 141 - Technical Physics Lab
- EXSC 380 - Fitness Assessment and Design
- EXSC - Fitness Assess and Design Lab
- Ethics/Religion & Society Elective
- Humanities Elective
- Core/General Electives

## Spring Semester

- Exercise Science Elective
- Exercise Science Elective
- PHIL 200 - Philosophical Perspectives
- Creative Perspectives
- Core/General Electives

## Fourth Year

### Fall Semester

- Exercise Science Elective
- Core/General Electives

### Spring Semester

- EXSC 460 - Exercise Science Practicum
- Core/General Electives

## B.S. Exercise Science + M.S. Athletic Training 3+2 Option

### Program Requirements

Students are required to meet all Admission, Progression, Retention and Graduation requirements of the Exercise Science, B.S. and Athletic Training, M.S. .

### Curriculum Requirements

151 credit hours:

- Undergraduate Core Curriculum
- B.S. Exercise Science Requirements - 97 credit hours
- Dual B.S. Exercise Science / M.S. Athletic Training Requirements - 23 credit hours
- M.S. Athletic Training Requirements - 31 credit hours

### Course Sequence

#### First Year

#### Fall Semester

- EXSC 100 - Intro to Exercise Science
- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Human A&P I Lab Allied Health
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Second Language I
- CORE 101

## Spring Semester

- EXSC 200 - Kinesiology
- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Second Language II
- Historical Perspectives
- CORE 102

## Second Year

### Fall Semester

- CHEM 150 - Physiological Chemistry
- CHEM 151 - Physiological Chemistry Lab
- MATH 116 - Elementary Statistics or MATH 156 - General Statistics
- PSYC 101 - General Psychology
- EXSC 300 - Exercise Physiology
- Theological Perspectives Elective

### Spring Semester

- PHIL 100 - Ethics as Intro to Philosophy
- EXSC 320 - Fitness Training Principles
- EXSC 325 - Resistance Training
- EXSC 360 - Nutrition for Sport & Exercise
- Exercise Science Elective
- ENGL/CLAS/SPAN 205 - Lit & Moral Imag

## Third Year

### Fall Semester

- PHYS 140 - Technical Physics
- PHYS 141 - Technical Physics Lab
- EXSC 380 - Fitness Assessment & Design
- EXSC 381 - Fitness Assess & Design Lab
- Exercise Science Elective
- Ethics/Religion & Society Elective
- Humanities Elective

### Spring Semester

- Exercise Science Elective
- EXSC 460 - Exercise Science Practicum
- PHIL 200 - Philosophical Perspective
- Creative Perspectives Elective
- Core / General Electives

## Summer Semester

- ATTR 500 - Care & Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

## Fourth Year

### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Interventions 1
- ATTR 540 - Evidence Based Practice
- ATTR 561 - Clinical Experience 1

### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Interventions II
- ATTR 541 - Research I
- ATTR 550 - IP Collaboration
- ATTR 562 - Clinical Experience 2

## Fifth Year

### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts
- ATTR 633 - Therapeutic Interventions III
- ATTR 642 - Research II
- ATTR 663 - Clinical Experience 3

### Spring Semester

- ATTR 650 - Contemporary Issues in AT
- ATTR 664 - Clinical Experience 4

## Note:

- Students will need to incorporate the 5 flags into their core courses.

## **Sport Management, B.S.**

The sport management and marketing programs prepare students to work in the sport industry. This industry is competitive, and for students to succeed, it is necessary to network and build relationships in the industry while pursuing undergraduate education. To this end, the program seeks to maximize student contact with industry professionals and enhance understanding of the business of sport through rigorous academic preparation.

## Requirements for Sport Management, B.S.

## Undergraduate Core Curriculum Requirements:

Students take 48 hours of core classes exclusive of those core courses required for the Sport Management or Sport Marketing major. See [Undergraduate Core Curriculum](#).

### Mathematics Requirement:

9 credit hours from the following:

- One Quantitative Reasoning Course (Cannot double count as a core mathematics course)
- One Statistics course:
  - MATH 116 - Elementary Statistics OR
  - MATH 156 - General Statistics
- One elective core mathematics course
  - MATH 116 - Elementary Statistics OR
  - MATH 156 - General Statistics

### Major Requirements:

72 credit hours, distributed as follows:

#### Sport Management/Marketing Courses

27 credit hours

- SPMG 110 - Intro to Sports Management
- SPMG 132 - Sociology of Sport
- SPMG 195 - History of American Sport
  
- SPMG 310 - Sport Marketing
- SPMG 322 - Facility & Event Mgmt
  
- SPMG 348 - Legal & Ethical Issues in Sprt
- SPMG 410 - Sport Ethics

#### Sport Management/Marketing Electives

9 credit hours

- SPMG 340 - International Sport
- SPMG 350 - Professional Devel. SPMG
- SPMG 360 - Sport Finance & Economics
- SPMG 366 - Marketing Comm Practicum
- SPMG 377 - Sport Psychology
  
- SPMG 390 - Contemp Coaching:Issues & Trds
  
- FINC 300 - Business Finance
- BAIS 311 - Sabermetrics

#### Business Courses

21 credit hours

- ACCT 200 - Introductory Financial Acct
- BAIS 220 - Mgmt of Info Tech
- BLAW 300 - Legal Environment
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- MGMT 200 - Organizational Management

- MKTG 300 - Principles of Marketing

## Communication Courses

6 credit hours

- COMM 101 - Oral Communication

## Sport Management Internship

9 credit hours of field experience required

- SPMG 495 - Internship in Sport Mgmt

## Notes:

- Some of these electives may double count with other core or major courses
- All students must elect one each of oral communications, quantitative reasoning and writing-intensive flagged courses; many of these are available within the core or major.
- A 2.000 cumulative GPA must be attained in the major courses.
- A minimum of 120 credit hours is required for the degree.

## Sport Marketing, B.S.

The sport management and marketing programs prepare students to work in the sport industry. This industry is competitive, and for students to succeed, it is necessary to network and build relationships in the industry while pursuing undergraduate education. To this end, the program seeks to maximize student contact with industry professionals and enhance understanding of the business of sport through rigorous academic preparation.

## Requirements for Sport Marketing, B.S.

### Undergraduate Core Curriculum Requirements:

Students take 48 hours of core classes exclusive of those core courses required for the Sport Management or Sport Marketing major. See [Undergraduate Core Curriculum](#).

### Mathematics Requirement:

9 credit hours from the following:

- One Quantitative Reasoning Course (Cannot double count as a core mathematics course)
- One Statistics course:
  - MATH 116 - Elementary Statistics OR
  - MATH 156 - General Statistics
- One elective core mathematics course
  - MATH 116 - Elementary Statistics OR
  - MATH 156 - General Statistics

## Major Requirements

72 credit hours, distributed as follows:



## Sport Management/Marketing Courses

27 credit hours

- SPMG 110 - Intro to Sports Management
- SPMG 132 - Sociology of Sport
- SPMG 195 - History of American Sport
  
- SPMG 310 - Sport Marketing
- SPMG 322 - Facility & Event Mgmt
- SPMG 348 - Legal & Ethical Issues in Sprt
- SPMG 360 - Sport Finance & Economics
- SPMG 410 - Sport Ethics

## Sport Management/Marketing Electives

6 credit hours

- SPMG 340 - International Sport
- SPMG 350 - Professional Devel. SPMG
- SPMG 366 - Marketing Comm Practicum
- SPMG 377 - Sport Psychology
  
- SPMG 390 - Contemp Coaching:Issues & Trds
  
- FINC 300 - Business Finance
- BAIS 311 - Sabermetrics

## Business Courses

21 credit hours

- ACCT 200 - Introductory Financial Acct
- BAIS 220 - Mgmt of Info Tech
- BLAW 300 - Legal Environment
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- MGMT 200 - Organizational Management
- MKTG 300 - Principles of Marketing

## Communication Courses

3 credit hours

- COMM 101 - Oral Communication

## Sport Management Internship

9 credit hours of field experience required

- SPMG 495 - Internship in Sport Mgmt

## Marketing Electives

6 credit hours of Marketing electives

Notes:

- Some of these electives may double count with other core or major courses
- All students must elect one each of oral communications, quantitative reasoning and writing-intensive flagged courses; many of these are available within the core or major.
- A 2.000 cumulative GPA must be attained in the major courses.
- A minimum of 120 credit hours is required for the degree.

## Master of Science

### Athletic Training, M.S.

Athletic training is recognized by the American Medical Association (AMA), Health Resources Services Administration (HRSA) and the Department of Health and Human Services (HHS) as an allied health care profession.. The Xavier University Athletic Training Program (XU-ATP) functions to prepare students, in the Jesuit tradition, to serve others through competent and compassionate healthcare. The XU-ATP provides a positive learning environment that fosters ethical decision-making, and collaboration with emphasis on instilling the values of continuous improvement and life-long learning. The XU-ATP merges rigorous course work with a variety of applied clinical experiences to build a strong foundation for a career in the field of athletic training.

The Xavier University Athletic Training Program fulfills the curricular guidelines established by the Commission on Accreditation of Athletic Training Education (CAATE) and the National Athletic Trainers' Association (NATA). Completing a degree in our Master of Science in Athletic Training program fulfills the eligibility requirements of the BOC certification exam. Graduates of Xavier University's Athletic Training Program receive a Master of Science (M.S.) degree in Athletic Training and are eligible to sit for the BOC exam.

Go to <https://www.xavier.edu/master-of-science-in-athletic-training-program/index> for current information pertaining to accreditation, program admission, technical standards, graduation requirements and the curriculum.

Students may enter the M.S. in Athletic Training degree through one of two options (see below).

#### **Option 1: 2-year program for students with a bachelor's degree**

Students who have demonstrated excellent academic achievement in completion of a bachelor's degree and have completed all prerequisites may complete the 2-year / 5-semester MS in AT degree.

#### **Option 2: 5-year program for students without a bachelors degree (3+2 design)**

In the first three years of this program students will complete courses to fulfill all XU core requirements, Exercise Science major requirements, and prerequisites for the MS in AT program. Once accepted into the MS in AT degree program, students complete the 2-year / 5-semester MS in AT degree. At 120 credits students will be eligible to earn an undergraduate degree in Exercise Science. After the fifth year, students will earn a Master of Science in Athletic Training.

Note 1: Xavier University has an articulation agreement with Ohio Northern University. Students attending Ohio Northern University with a concentration in Clinical and Rehabilitation Sciences may apply to Xavier University during their 3<sup>rd</sup> year in the program. Qualified students who are admitted into the MSAT program, may be permitted to start the MSAT program prior to completion of their bachelors degree from Ohio Northern University. This program is similar to option 2 above. Please contact the program director for more information.

Note 2: Xavier University has an articulation agreement with Mount Saint Joseph University. Students attending Mount Saint Joseph University may apply to Xavier University during their 3<sup>rd</sup> year in the program. Qualified students who are admitted into the MSAT program, may be permitted to start the MSAT program prior to completion of their bachelors degree from Mount Saint Joseph University. This program is similar to option 2 above. Please contact the program director for more information.

## Program Admission Requirements

See [MS in Athletic Training Admission Requirements](#) for application and admission details. Acceptance into the MSAT program includes but is not limited to the following: completion of pre-requisites with a minimum GPA of 3.0, completion of 40 observation/professional exploration hours with an athletic trainer, 2 letters of recommendation, answers to application questions, and an interview with a MSAT faculty member.

## Progression & Retention Requirements

- Students must earn a minimum grade of "B-" in all courses. Students may repeat a course one time to improve their grade and meet graduation requirements. If a student does not meet the minimum grade requirement the second time a course is taken, they will not be permitted to retake the course, and will be dismissed from the program.
- Students must follow all XU-ATP policies & procedures and adhere to the XU-ATP Code of Ethics and the NATA Code of Ethics. Violations will be dealt with on an individual basis, but could result in probation, suspension, or expulsion of the program depending on the severity.
- Students must pass each program checkpoint. Checkpoints consist of academic and clinical program expectations. Any student that does not meet each component of a checkpoint will be placed on academic probation.

## Graduation Requirements

- Students must have a minimum cumulative GPA of 3.0.
- Students must have a minimum grade of "B-" in each required course.
- Students must pass each program checkpoint.

## Required Courses

- ATTR 500 - Care & Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology
- ATTR 521 - Lower Extremity Injuries
- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 531 - Therapeutic Interventions 1
- ATTR 532 - Therapeutic Interventions II
- ATTR 540 - Evidence Based Practice
- ATTR 541 - Research I
- ATTR 550 - IP Collaboration
- ATTR 561 - Clinical Experience I
- ATTR 562 - Clinical Experience 2
- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts
- ATTR 633 - Therapeutic Interventions III
- ATTR 642 - Research II
- ATTR 650 - Contemporary Issues in AT
- ATTR 663 - Clinical Experience 3
- ATTR 664 - Clinical Experience 4

## Course Sequence

### Summer Semester

- ATTR 500 - Care & Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

Total (9)

### First Year

#### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Interventions 1
- ATTR 540 - Evidence Based Practice
- ATTR 561 - Clinical Experience 1

Total (11)

#### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Interventions 2

- ATTR 541 - Research 1
- ATTR 550 - IP Collaboration
- ATTR 562 - Clinical Experience 2

Total (13)

## Second Year

### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts
- ATTR 633 - Therapeutic Interventions 3
- ATTR 642 - Research 2
- ATTR 663 - Clinical Experience 3

Total (12)

### Spring Semester

- ATTR 650 - Contemporary Issues in AT
- ATTR 664 - Clinical Experience 4

Total (9)

## Sport Administration, M.S.

The degree of Master of Science with a concentration in Sport Administration is designed to prepare an individual for a career within the expanding sport industry. The program is fully online, using an 8-week asynchronous format for all courses. The curriculum was designed utilizing the guidelines recommended by the North American Society for Sport Management (NASSM) and the Commission on Sport Management Accreditation (COSMA).

A three semester hour internship, six semester hour internship, or a research project is required, depending on each student's individual background and career goals. The internship may be taken after a student has successfully completed 15 semester hours. Internships are planned and supervised learning activities which take place in a sport administration related environment. The student will be supervised by a sport management practitioner. There is no comprehensive exam.

## Admission Requirements

For admission information for the graduate level programs, go to <http://www.xavier.edu/sport-administration/> on the Xavier University website. The program is designed to be accessible to full-time or part-time students. Students may be admitted to the program in any semester.

## Requirements for the M.S. in Sport Administration:

This M.S. degree requires a minimum of 30 credit hours with a minimum overall GPA of 2.800.

## Core Requirements (15 semester hours)

- SPMG 521 - Intro to Sport Administration
- SPMG 522 - Sport Research & Statistics
- SPMG 595 - Sports Administration: Mktg
- SPMG 596 - Sports Administration: Finance
- SPMG 598 - Legal & Ethical ISS Sport & PE

## Research and Field Experience (3-6 semester hours), select one option

- SPMG 692 - Sport Admin Research Project or
- SPMG 695 - Internship in Sport Admin

## Elective Courses (6-9 semester hours)

- SPMG 523 - Sports Administration Seminar
- SPMG 570 - Psycho-Social Aspects of Sport
- SPMG 610 - Sport Ethics
- SPMG 620 - Sport Leadership
- SPMG 622 - Personnel Issues in Sport Mgmt
- SPMG 625 - High School Athletic Admin
- SPMG 632 - Sport Event Mgmt & Promotion
- SPMG 642 - Sport Fundraising
- SPMG 652 - NCAA:Rules Regulations Policy
- SPMG 654 - Women in Sport
- SPMG 662 - PR & Communication in Sport
- SPMG 664 - Facility Design & Planning
- SPMG 666 - Fitness Management
- SPMG 668 - Admin of Fitness & Wellness Pr
- SPMG 670 - Independent Study

## Dual Degree

### **Exercise Science & Athletic Training, B.S. / M.S.**

#### B.S. Exercise Science + M.S. Athletic Training 3+2 Option

#### Program Requirements

Students are required to meet all Admission, Progression, Retention and Graduation requirements of the Exercise Science, B.S. and Athletic Training, M.S. .

#### Curriculum Requirements

151 credit hours:

- Undergraduate Core Curriculum
- B.S. Exercise Science Requirements - 97 credit hours
- Dual B.S. Exercise Science / M.S. Athletic Training Requirements - 23 credit hours
- M.S. Athletic Training Requirements - 31 credit hours

#### Course Sequence

##### First Year

##### Fall Semester

- EXSC 100 - Intro to Exercise Science
- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Human A&P I Lab Allied Health
- ENGL 101 - English Composition or ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Second Language I
- CORE 101

## Spring Semester

- EXSC 200 - Kinesiology
- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- Second Language II
- Historical Perspectives
- CORE 102

## Second Year

### Fall Semester

- CHEM 150 - Physiological Chemistry
- CHEM 151 - Physiological Chemistry Lab
- MATH 116 - Elementary Statistics or MATH 156 - General Statistics
- PSYC 101 - General Psychology
- EXSC 300 - Exercise Physiology
- Theological Perspectives Elective

### Spring Semester

- PHIL 100 - Ethics as Intro to Philosophy
- EXSC 320 - Fitness Training Principles
- EXSC 325 - Resistance Training
- EXSC 360 - Nutrition for Sport & Exercise
- Exercise Science Elective
- ENGL/CLAS/SPAN 205 - Lit & Moral Imag

## Third Year

### Fall Semester

- PHYS 140 - Technical Physics
- PHYS 141 - Technical Physics Lab
- EXSC 380 -&nbsp;Fitness Assessment & Design
- EXSC 381 -&nbsp;Fitness Assess & Design Lab
- Exercise Science Elective
- Ethics/Religion & Society Elective
- Humanities Elective

### Spring Semester

- Exercise Science Elective
- EXSC 460 - Exercise Science Practicum
- PHIL 200 - Philosophical Perspective
- Creative Perspectives Elective
- Core / General Electives

## Summer Semester

- ATTR 500 - Care & Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

## Fourth Year

### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Interventions 1
- ATTR 540 - Evidence Based Practice
- ATTR 561 - Clinical Experience I

### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Interventions II
- ATTR 541 - Research I
- ATTR 550 - IP Collaboration
- ATTR 562 - Clinical Experience 2

## Fifth Year

### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts
- ATTR 633 - Therapeutic Interventions III
- ATTR 642 - Research II
- ATTR 663 - Clinical Experience 3

### Spring Semester

- ATTR 650 - Contemporary Issues in AT
- ATTR 664 - Clinical Experience 4

## Minors

### Coaching Education minor

The purpose of the Coaching Education minor is to plant the seeds for an athlete-centered approach which is developmentally appropriate, with an emphasis on long-term athlete development (LTAD). As a result, students will be better able to contribute to the growth and well-being of the ones they will coach in the future.

### 12 credit hours of required courses

- SPMG 390 - Contemp Coaching:Issues & Trds

## 6 credit hours of electives

- SPMG 110 - Intro to Sports Management
- SPMG 132 - Sociology of Sport
- SPMG 195 - History of American Sport
- SPMG 348 - Legal & Ethical Issues in Sport
- SPMG 377 - Sport Psychology
  
- SPMG 410 - Sport Ethics
- EXSC 200 - Kinesiology

## School of Education

The School of Education offers teacher licensure programs approved by the Ohio Department of Education as listed under Teacher Licensure below, and awards the Bachelor of Science degree in the following areas: Early Childhood Education, Middle Childhood Education, Montessori Education, and Special Education. Minors are offered in Professional Education for those seeking high school licensure, Montessori Education and Special Education. An Associate of Science degree in Early Childhood Education is also offered.

At the graduate level, the Master of Education degree is available in many concentrations (for example, Educational Administration, Reading, TESOL, Special Education, Elementary Education, and Secondary Education). A Master of Arts in English Education or History Education and a Master of Science in Special Education are also available.

## Master of Education

The Master of Education, a professional degree, is designed to meet the needs of professional educators. This degree is awarded to the candidate who has demonstrated a capacity for improving the quality of teaching within the particular sphere of his or her influence by satisfactorily completing a program of graduate work designed to give these characteristics:

1. Broad knowledge of the principles and techniques of education in modern society.
2. Specific knowledge of one major area in the field of education.
3. Essential understanding and skills necessary for intelligent consumption of educational research.

To ensure comprehensiveness in their programs for the Master of Education degree, candidates should include in their programs 9 hours of general survey courses (or alternate courses as indicated by specific program) designed to provide integrated coverage of the broad field of education. These courses (credit hours) are:

EDFD 500 History/Philosophy of Am Education

EDFD 505 Org of Ed Systems in U.S.

EDFD 507 Educational Research

EDFD 508 Educational Research Paper

To ensure their mastery of a particular area of education, candidates must include a concentration of at least 12 semester credit hours in one of the following areas:

Administration, Art, Biology, Business Education, Chemistry, Classics, Computer/Technology, Elementary Education, English, French, German, History, Political Science, Mathematics, Montessori Education, Multi-cultural Literature for Children, Music, Philosophy, Psychology, Reading, Teaching of English to Speakers of Other Languages (TESOL), Secondary Education, Spanish, Special Education, Theology.

Students should consult with an advisor before beginning their concentration.

The Master of Education program invites applications from students with a bachelor's degree and a solid academic record. Admission decisions are based on factors such as past academic performance, standardized test score, and other information submitted.

Go to <http://www.xavier.edu/education/> to reference program information and admission requirements.

A minimum of thirty hours is normally required for the degree of Master of Education.

These shall be distributed as follows:

1. General surveys in education, 9 credit hours.
2. Concentration, 12 credit hours. (Certain concentrations may require more than 12 semester hours, particularly where state certification requirements are involved. Consult with your academic advisor)
3. Pertinent electives, 9 credit hours.

A student's Master of Education program may not include more than 6 semester hours of workshops, unless by special arrangement with the program directors. The Master of Education degree will be awarded only to candidates who have passed an extensive written examination covering their particular field of concentration (e.g., administration) or covering the three general survey courses in education if they have concentrated in a subject matter field or in elementary or secondary education. The comprehensive exam is not required for the MED in Sport Administration or MED in Coaching Education and Athlete Development. Should the student fail the comprehensive examination, it may be repeated only once.

**Note:** The comprehensive exam is not required for the MED in Sport Administration or MED in Coaching Education and Athlete Development. For more information regarding specific requirements for these programs, please see Sport Science and Management.



**Note:** For information regarding the Master of Arts in English Education or History Education, please see School of Education: Secondary Education . For information regarding the Master of Science in Special Education, please see School of Education: Special Education .

**Note:** The University is not obliged to recommend licensure of any type on the basis of the completion of a Master of Education degree or specific course work in education. Students must also meet leadership, communication, and character requirements and pass the required tests of the State Department of Education for each specific license.

Xavier University also offers an innovative, integrated Master of Science in Nursing / Master of Education, M.S.N. / M.Ed. program consisting of at least 54 semester credit hours. The student will receive two separate degrees, the Master of Science in Nursing and the Master of Science in Education. This program was developed in response to a community need for nurse educators. The MSN/MEd prepares the graduate to administer and teach in educational settings (i.e., CE providerships, in-service educators and nurse educators).

## **Bachelor of Science**

### **Teaching Integrated Sciences, B.S.**

#### **Requirements for Teaching Integrated Science, B.S.**

##### **28-29 Hours of Required Courses:**

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab
- BIOL 120 - Life: Ecology & People
- BIOL 136 - Life: Ecology and People Lab or
- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
- PHYS 118 - Our Universe: The Sky
- PHYS 119 - Our Universe: The Sky Lab
- MATH 156 - General Statistics

##### **31 Hours of Required Education Courses**

- EDMS 131 - Professional Education
- EDFD 110 - Advanced Human Development
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDRE 471 - Content Area Literacy
- EDMS 470 - Student Teaching AYA

## **Concentrations**

### **Life Sciences Concentration - 31 Hours**

- BIOL 102 - Life: Human Biology
- BIOL 132 - Life: Human Biology Lab
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory

- BIOL 240 - Evolution
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 497 - Experimental Biology Lab
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 140 - Concepts of Calculus
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Chemistry Concentration - 31 Hours

- BIOL 240 - Evolution
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- MATH 140 - Concepts of Calculus
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- BIOL 497 - Experimental Biology Lab
- CHEM 220 - Principles of Physical Chem

## Physics Concentration - 26-30 Hours

- BIOL 240 - Evolution
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- ENGR 173 - Explorations in Engineering
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- ENGR 342 - Material Science
- PHYS 355 - Advanced Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## B.S. Teaching Integrated Science

This block serves as a guideline for progress toward a degree. See your academic advisor.

### With Life Sciences Concentration

Freshman Year

First Semester

- BIOL 160 General Biology I
- BIOL 161 General Biology I Lab
- ENGL101 Composition or ENGL115 Rhetoric
- Second Language I
- CORE 100 First Year Seminar OR Theology 111
- EDMS131 Intro to Education
- CORE 101 GOA

## Second Semester

- BIOL 162 General Biology II
- BIOL 163 General Biology II Lab
- PHIL 100 Ethics as Intro to Philosophy
- Second Language II
- CORE 100 First Year Seminar OR Theology 111
- EDFD 110 Advanced Human Dev and Learning (SS Elective for core)
- CORE 102 GOA

## Sophomore Year

### First Semester

- CHEM 160 General Chemistry I
- CHEM 161 General Chemistry I Lab
- MATH146 or 156 Stats
- BIOL 250 Ecology
- BIOL 251 Ecology Lab
- EDSP 200 Special Education
- PHYS 118-119 Our Universe: The Sky

### Second Semester

- CHEM 162 General Chemistry II
- CHEM 163 General Chemistry II Lab
- BIOL 230 Genetics
- BIOL 231 Genetics Lab
- Historical Perspectives Elective
- MATH 140 Concepts of Calculus
- PHYS 116-117 Our Universe: The Earth

## Junior Year

### First Semester

- EDSP 380 Classroom Management
- PHYS 160 College Physics I
- PHYS 161 College Physics I Lab
- BIOL102, BIOL132 Human Bio lec+lab
- Creative Perspectives Elective
- ENGL 205 Literature and Moral Imagination

### Second Semester

- BIOL120, 136 Ecology and People lec + lab (E/RS flag)
- PHYS 162 College Physics II
- PHYS 163 College Physics II Lab
- Humanities Elective with DCR flag
- EDMS 332 Methods (w/ 50 observation hrs) (Oral Flag)
- Elective

## Senior Year

### First Semester

- CHEM 240-241 O. Chem. Lec + lab
- BIOL240 Evolution
- BIOL497 Advanced Inquiry Lab
- EDMS 411 (w/ 50 observation hrs)
- Theological Perspectives Elective
- EDMS 350 Tech & Topics

### Second Semester

- Student Teaching: EDMS 470
- EDRE 471 Content Area Literacy

## With Chemistry Concentration

### Freshman Year

#### First Semester

- CHEM 160 General Chemistry I
- CHEM 161 General Chemistry I Lab
- ENGL101 Composition or ENGL115 Rhetoric
- Second Language I
- CORE 100 First Year Seminar OR Theology 111
- EDMS131 Intro to Education
- CORE 101 GOA

#### Second Semester

- CHEM 162 General Chemistry II
- CHEM 163 General Chemistry II Lab
- PHIL 100 Ethics as Intro to Philosophy
- Second Language II
- CORE 100 First Year Seminar OR Theology 111
- EDFD 110 Advanced Human Dev and Learning (SS Elective for core)
- CORE 102 GOA

### Sophomore Year

#### First Semester

- CHEM 240 Organic Chemistry I
- CHEM 241 Organic Chemistry I Lab
- MATH 146 or 156 Stats
- BIOL 160 General Biology I
- BIOL 161 General Biology I Lab
- EDSP 200 Special Education
- PHYS 118-119 Our Universe: The Sky

## Second Semester

- CHEM 242 Organic Chemistry II
- CHEM 243 Organic Chemistry II Lab
- BIOL 162 General Biology II
- BIOL 163 General Biology II Lab
- Historical Perspectives Elective
- MATH 140 Concepts of Calculus
- PHYS 116-117 Our Universe: The Earth

## Junior Year

### First Semester

- EDSP380 Classroom Management
- PHYS 160 College Physics I
- PHYS 161 College Physics I lab
- CHEM 220 Principles of Physical Chemistry
- Creative Perspectives Elective
- ENGL 205 Literature and Moral Imagination

### Second Semester

- CHEM226 and 227 Quantitative Analysis lec and lab
- PHYS 162 College Physics II
- PHYS 163 College Physics II lab
- Humanities Elective with DCR flag
- EDMS332 Methods (w/ 50 observation hrs) (Oral Flag)
- Elective

## Senior Year

### First Semester

- BIOL 120, 136 Ecology and People lec + lab (E/RS flag)
- BIOL 240 Evolution
- BIOL 497 Advanced Inquiry Lab
- EDMS 411 (w/ 50 observation hrs)
- Theological Perspectives Elective
- EDMS 350 Tech & Topics

### Second Semester

- Student Teaching: EDMS 470
- EDRE 471 Content Area Literacy

## With Physics Concentration

### Freshman Year

#### First Semester

- PHYS 170 University Physics I
- PHYS 171 University Physics II Lab
- MATH 180 Differential Calculus
- Second Language I
- CORE 100 First Year Seminar OR Theology 111
- EDMS 131 Intro to Education
- CORE 101 GOA

## Second Semester

- PHYS 172 University Physics II
- ENGR 173 University Physics II Lab
- Second Language II
- MATH 181 Integral Calculus
- CORE 100 First Year Seminar OR Theology 111
- EDFD 110 Advanced Human Dev and Learning (SS Elective for core)
- CORE 102 GOA

## Sophomore Year

### First Semester

- CHEM 160 General Chemistry I
- CHEM 161 General Chemistry I Lab
- MATH 146 or 156 Stats
- ENGL 101 Composition or ENGL115 Rhetoric
- EDSP 200 Special Education
- PHYS 118-119 Our Universe: The Sky

### Second Semester

- CHEM 162 General Chemistry II
- CCHEM 163 General Chemistry II Lab
- Historical Perspectives Elective
- DCR Flag
- PHYS 116-117 Our Universe: The Earth
- PHIL 100 Ethics as Intro to Philosophy

## Junior Year

### First Semester

- BIOL160 General Biology I
- BIOL161 General Biology I Lab
- EDSP 380 Classroom Management
- PHYS 242 Circuits OR Humanities elective
- PHYS 243 Circuits Lab OR Creative Perspectives Elective
- ENGL 205 Literature and Moral Imagination

### Second Semester

- BIOL162 General Biology II
- BIOL163 General Biology II Lab
- BIOL120, 136 Ecology and People lec + lab (E/RS flag)
- Humanities Elective OR PHYS 342 Material Science
- EDMS 332 Methods (w/ 50 observation hrs) (Oral Flag)
- Creative Perspectives Elective OR PHYS 355 Advanced Lab

## Senior Year

### First Semester

- Modern Physics PHYS 330 & 331
- BIOL 240 Evolution
- PHYS 395 & 398: Physics Research & Thesis
- EDMS 411 (w/ 50 observation hrs)
- Theological Perspectives Elective
- EDMS 350 Tech & Topics

### Second Semester

- Student Teaching: EDMS470
- EDRE 471 Content Area Literacy

## Master of Education

### Master of Education

The Master of Education, a professional degree, is designed to meet the needs of professional educators. This degree is awarded to the candidate who has demonstrated a capacity for improving the quality of teaching within the particular sphere of his or her influence by satisfactorily completing a program of graduate work designed to give these characteristics:

1. Broad knowledge of the principles and techniques of education in modern society.
2. Specific knowledge of one major area of the field of education.
3. Essential understanding and skills necessary for intelligent consumption of educational research.

To ensure comprehensiveness in their programs for the Master of Education degree, candidates should include in their programs 9 hours of general survey courses (or alternate courses as indicated by specific program) designed to provide integrated coverage of the broad field of education. These courses (credit hours) are:

EDFD 500 History/Philosophy of Am Educ

EDFD 505 Org of Ed Systems in U.S.

EDFD 507 Educational Research and EDFD 508 Educational Research Paper

To ensure their mastery of a particular area of education, candidates must include a concentration of at least 12 semester credit hours in one of the following areas:

Administration, Art, Biology, Business Education, Chemistry, Classics, Computer/Technology, Elementary Education, English, French, German, History, Political Science, Mathematics, Montessori Education, Multi-cultural Literature for Children, Music, Philosophy, Psychology, Reading, Teaching of English to Speakers of Other Languages (TESOL), Secondary Education, Spanish, Special Education, Theology.

Students should consult with an advisor before beginning their concentration.

The Master of Education program invites applications from students with a bachelor's degree and a solid academic record. Admission decisions are based on factors such as past academic performance, standardized test score, and other information submitted.

Go to <http://www.xavier.edu/education/> to reference program information and admission requirements.

A minimum of thirty hours is normally required for the degree of Master of Education.

These shall be distributed as follows:

1. General surveys in education, 9 credit hours.
2. Concentration, 12 credit hours. (Certain concentrations may require more than 12 semester hours, particularly where state certification requirements are involved. Consult with your academic advisor)
3. Pertinent electives, 9 credit hours.

A student's Master of Education program may not include more than 6 semester hours of workshops, unless by special arrangement with the program directors. The Master of Education degree will be awarded only to candidates who have passed an extensive written examination covering their particular field of concentration (e.g., administration) or covering the three general survey courses in education if they have concentrated in a subject matter field or in elementary or secondary education. The comprehensive exam is not required for the MED in Sport Administration or MEd in Coaching Education and Athlete Development. Should the student fail the comprehensive examination, it may be repeated only once.

**Note:** The comprehensive exam is not required for the MEd in Sport Administration or MEd in Coaching Education and Athlete Development. For more information regarding specific requirements for these programs, please see Sports Studies.

**Note:** For information regarding the Master of Arts in English Education or History Education, please see Secondary Education. For information regarding the Master of Science in Special Education, please see Special Education.

**Note:** The University is not obliged to recommend licensure of any type on the basis of the completion of a Master of Education degree or specific course work in education. Students must also meet leadership, communication, and character requirements and pass the required tests of the State Department of Education for each specific license.

Xavier University also offers an innovative, integrated MSN/MEd program consisting of at least 54 semester credit hours. The student will receive two separate degrees, the Master of Science in Nursing and the Master of Science in Education. This program was developed in response to a community need for nurse educators. The MSN/MEd prepares the graduate to administer and teach in educational settings (i.e., CE providerships, in-service educators and nurse educators). See the School of Nursing section of this document for additional details.

## School of Education: Childhood Education

Xavier University's Childhood Education Programs are dedicated to the pursuit of knowledge and to the orderly discussion of critical issues confronting educators in a free, inquiry-based environment committed to current and relevant scholarship and research related to our profession. Xavier University seeks to create awareness of social justice in all disciplines through its emphasis on living the Jesuit tradition of intellectual, moral, and spiritual preparation. The candidates in the Early Childhood and Middle Childhood programs, through their academic and professional training, are prepared to value the lives of children regardless of racial, linguistic, socio-economic, religious, or ethnic background and to work with and value family and school structures in both urban, rural, and suburban settings. Special attention is given to developmentally effective practices and advocacy for all children, with ethical issues and values as expressed through the Jesuit tradition. Thus, the Childhood Education Programs at Xavier University strives to send out into the education community candidates who are morally sensitive to the academic and social needs of our time, foster an appreciation for human diversity, reason critically, and think creatively. Candidates in Childhood Education are encouraged to develop and maintain a disposition toward lifelong learning in the profession of education and to the service of their students and their students' families and communities.

Childhood Education offers teacher licensure programs approved by the Ohio Department of Education as listed under Teacher Licensure below, and awards the Bachelor of Science degrees in Early Childhood and Middle Childhood. Students in Montessori Education may also receive the early childhood license from the Ohio Department of Education. Updates and/or changes to licensure are dictated by the State of Ohio and may supersede the requirements listed for licensure in this catalog.

The Master of Education degree is available in many concentrations. See the "Master of Education" section for the list of options. Students who do not meet acceptable performance standards in coursework or field experiences may be excluded from specific programs. See School of Education: Reading and School of Education: Teaching of English to Speakers of Other Languages (TESOL)

The following pages outline the requirement for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated.

**Note:** The University is not obliged to recommend licensure of any type on the basis of the completion of a Master of Education degree or specific course work in education. Students must also meet leadership, communication, and character requirements and pass the required Ohio Assessments for Educators (OAE) tests of the State Department of Education for each specific license.

With the passage of Ohio Senate Bill 216, the early childhood P-3 teaching license will be replaced with a new P-5 license, with courses of study beginning in 2020. During the 2019-20 academic year, we will continue to research best practices and make course adjustments to align with the new license requirements. Students entering the early childhood major this year can expect a clear transition to the P-5 license and Bachelor of Science in Elementary Education (P-5). Students who entered early childhood in 2018-19 may transition to the P-5 license. Students who entered prior to 2018-19 are eligible for the Early Childhood Generalist 4-5 Endorsement if they wish to add 4-5 to the P-3 license.

## Teacher Education Program Steps for Admission and Continual Progress for Licensure in the Following Programs: Early Childhood, Early Childhood/Montessori, Middle Childhood\*

Xavier University candidates for initial licensure in early childhood and middle childhood education must meet specific standards for entrance into the University, the major, student teaching, and the provisional license for the teaching profession. Steps must be successfully completed sequentially for licensure recommendation by the School of Education.

### Step One: Admission to Xavier University

- Student is accepted into the University: Grade point average and ACT or SAT scores considered.
- Student declares major as early childhood education or middle childhood education.
- When field experience placements begin and annually thereafter, a BCI/FBI background check and TB (Tuberculosis Skin Test) test are required.

### Step Two: Admission to Program

- Completion of Step One.
- Student completes EDEL 100, Introduction to Education, with grade of B or higher.
- ENGL 101, English Composition, completed with grade of B or higher.
- Overall grade point average of 2.5.
- Statement of Moral Character on file in School of Education.
- Completed "Application for Admission" form on file in Childhood Education office. (Both forms noted are received and returned during semester of EDEL 100.) Student receives acceptance letter from the program director confirming acceptance or rejection for chosen major.
- One of two required mathematics courses completed with grade of C or higher.
- Annual BCI/FBI background check on file in the Childhood Education office.
- TB (Tuberculosis Skin Test) test results available.

### Step Three: Pre-Student Teaching Requirements



- Completion of Step Two.
- Student maintains grade point average of 2.5 overall, 3.0 in major.
- Student must receive "B" or higher in courses prefixed EDEC, EDMC, EDRE, or retake in subsequent semester.
- Second mathematics course complete with C or higher.
- Early childhood candidates complete either EDEC 330 or EDEC 335 with EDEC 325.
- Middle childhood candidates complete EDMC 340, EDMC 345, and two of the following courses: EDMC 351, EDMC 352, EDMC 353, or EDMC 354.
- Annual BCI/FBI background check on file.
- TB (Tuberculosis Skin Test) test results available.
- Evaluation forms completed by University personnel and field work cooperating teachers indicating progress in knowledge, performance, and necessary dispositions on file in the program office. *To complete this phase, student registers for an advisory day at the end of the appropriate semester; meets with a faculty team to present evidence of knowledge, dispositions and performance via discussion and portfolio content. Faculty team indicates to student, and in writing, that all requirements for progression in program have been met.*

#### **Step Four: Admission to Student Teaching**

- Completion of Step Three.
- Application for student teaching approved.
- All foundation, methods, content area courses, and majority of concentration courses must be complete for commencement of student teaching semester.
- One of two required Ohio Assessments for Educators (OAE) exams for Early Childhood Education must be passed prior to student teaching. "Early Childhood Education" Two additional exams are required for licensure and may be completed during the student teaching: "Foundations of Reading" and "Assessment of Professional Knowledge."
- Two middle school subject area Ohio Assessments for Educators exams, as indicated by chosen concentrations, must be passed by middle childhood candidates prior to internship. Two additional exams are required for licensure and may be completed during student teaching: "Foundations of Reading" and "Assessment of Professional Knowledge."
- Annual BCI/FBI background check on file in Department of Childhood Education and Literacy.
- TB (Tuberculosis Skin Test) test results available.

#### **Step Five: Resident License Approval**

- Completion of Step Four.
- Successful completion of student teaching in early or middle childhood classroom, with goals, midterm appraisal and final letters of evaluation on file in Childhood Education office.
- Presentation and submission of exit portfolio.
- All Ohio Assessments for Educators exams passed and official results on file in Xavier University Licensure Office.
- Online application process completed and all license application materials on file with Xavier University Licensure Office.

\*See "Handbook for Early and Middle Childhood Education" for further information. Available on the program website.

## **Bachelor of Science**

### **Middle Childhood Education, B.S.**

Middle Childhood Education will prepare a candidate for an Ohio teaching license to work with children ages 9 through 14, or grades 4 through 9, for teaching in two fields of concentration. The teacher candidate will choose two fields from the areas of Social Studies, Mathematics, Science, and Reading/Language Arts.

Students choosing Middle Childhood will be required to take 18-24 hours in each of the two content areas that they choose for licensure. All students will have at least 12 hours in reading instruction. Students will experience interdisciplinary learning, a hallmark of middle childhood education, as part of their learning experience at Xavier. The middle school teaching concept is unique, and our students will be prepared for curriculum, pedagogy, philosophy and organization of the middle school. Field experience and internship/student teaching will occur in both subject areas and at two age levels.

### **Requirements for the Middle Childhood Education Major**

#### **Undergraduate core curriculum requirements:**

39 - 48 hours, including

- Social Sciences requirement is included in the major requirements.
- Humanities elective area fulfilled in major with EDCH 326 .
- E/RS Focus Elective that meets another core requirement should be chosen.
- A 2.5 cumulative overall GPA is required for admission to program and must be maintained for the Bachelor of Science degree. A 3.0 GPA must be maintained in the major.

## Major requirements:

60 hours of education courses:

- EDFD 110 - Advanced Human Development
- EDEL 100 - Introduction To Education
- EDEL 251 - Instructional Technology
- EDEL 260 - Cultural Diversity In Educ
- EDSP 200 - Sp Ed: Identification & Issues
- EDMC 212 - Nature & Needs of Adolescents
- EDMC 325 - Arts in Ed: Middle Childhood
- EDMC 340 - Middle School Phil & School Or
- EDMC 345 - Middle Child Class Mgmt Assess
  
- EDMC 455 - Student Teaching: Middle Sch
- EDMC 456 - Sem: Current Issues in EDMC
- EDRE 269 - Phonics & Foundation of Litera
- EDRE 314 - Reading Methods for Middle Chd
- EDRE 472 - Theories of Reading
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDCH 326 - Children's Lit for Middle Chil

## Note(s):

- See "Steps for Admission and Continual Progress for Licensure in Middle Childhood." Also see "Student Handbook for Early & Middle Child."
- A 3.0 GPA must be maintained in the major.
- Students must have "B" or higher in courses prefixed with EDEC, EDRE, or EDMC or retake in subsequent semesters.
- Students may elect two concentration areas: Math, Science, Social Studies, and/or Language Arts/Reading.
- Students are eligible for the Middle Childhood Generalist Endorsement, valid for teaching in a self-contained 4,5, or 6th grade classroom if they complete the specified core courses for the areas other than their specific concentrations. See your advisor. See below.

## Concentration Requirements

### Mathematics

- MATH 116 - Elementary Statistics
- MATH 140 - Concepts of Calculus
- MATH 211 - Mathematics for Education 1
- MATH 212 - Mathematics for Education 2
- MATH 213 - Algebra Concepts -MCED
- MATH 214 - Math Problem Solving -MCED

### Science

- BIOL 120 - Life: Ecology & People
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
- BIOL 136 - Life: Ecology and People Lab
- CHEM 102 - Chemistry: Environ & Energy
- CHEM 103 - Chemistry: Environ & Ener Lab
- CHEM 104 - Chemistry: Life and Health
- CHEM 105 - Chem: Life and Health Lab
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab

### Reading/Language Arts

- ENGL 101 - English Composition or

- ENGL 115 - Rhetoric
- ENGL 205 - Literature & Moral Imagination
- COMM 101 - Oral Communication
- EDCH 326 - Children's Lit for Middle Childr
- EDCH 320 - Multi-Cultural Lit for Childrn

Select One:

- ENGL 304 - Teaching & Research in Writing
- EDRE 376 - Writing Theory & Process

Select One:

- ENGL 128 - Studies in Black Literature
- ENGL 132 - Studies in Women's Literature
- ENGL 344 - Major Black Writers of World
- ENGL 352 - African Literature

Select One:

- ENGL 320 - Topics in Linguistics
- ENGL 321 - Hist of the English Language

## Social Studies

- ECON 200 - Microeconomic Principles
- EDMS 207 - World & Cultural Geography
- POLI 140 - American Government and Politi

## B.S. Middle Childhood Education

\*\*This block serves as a guideline only, not a required sequence. Specific core and concentration courses are indicated below as a sample due to the nature of the middle childhood program. Concentration sets (i.e., math and science, language arts and social studies, etc.) will differ among students and therefore courses will vary. Students may elect their own two areas of concentration. See your academic advisor. Subject to Change.\*\*

## Math and Science Concentrations

### Freshman Year

### First Semester

- CORE 101 (GOA)
- EDFD 110 - Human Development & Learning
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
- MATH 140-Concepts of Calculus or equivalent
- Second Language I
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

Total (15)

## Second Semester

- EDEL 100 - Introduction To Education
- Second Language II
- CORE 102 GOA
- EDFD 110 - Human Development & Learning
- MATH 116 - Elementary Statistics
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

Total (18)

## Sophomore Year

### First Semester

- EDMC 212 - Nature & Needs of Adolescents
- MATH 211 - Foundations of Arith. - MCED
- EDEL 251 - Instructional Technology
- EDCH 326 - Children's Lit for Middle Chil
- PHIL 100 - Ethics as Intro to Philosophy
- CHEM 102 - Chemistry: Environ & Energy
- CHEM 103 - Chemistry: Environ & Ener Lab

Total (18)

### Second Semester

- MATH 212 - Geom & Measurement MCED
- EDSP 200 - Sp Ed: Identification & Issues
- CHEM 104 - Chemistry: Life and Health
- CHEM 105 - Chem: Life and Health Lab
- EDRE 269 - Phonics & Foundation of Literature
- Historical Perspectives Elective
- EDEL 260 - Cultural Diversity In Education

Total (18)

## Junior Year

### First Semester

- EDMC 340 - Middle School Phil & School Or
- Philosophical Perspectives Elective
- MATH 116 - Elementary Statistics
- MATH 213 - Algebra Concepts - MCED or EDEL 451 - Functions and Algebra
- EDRE 314 - Reading Methods for Middle Chd
- EDMC 345 - Middle Child Class Mgmt Assess

Total (18)

### Second Semester

- BIOL 120 - Life: Ecology & People
- BIOL 127 - Life Lab: Investigation II
- ENGL 205 - Literature & Moral Imagination
- MATH 214 - Math Problem Solving - MCED or EDEL 450 - Math as a Second Language
- EDMC 325 - Arts in Ed: Middle Childhood
- EDMC 352 - Middle Childhood Math Methods
- EDMC 353 - Middle Childhood Science Meth

Total (18)

## Senior Year

### First Semester

- EDMC 455 - Student Teaching: Middle Sch
- EDMC 456 - Sem: Current Issues in EDMC
- EDRE 471 - Content Area Literacy

Total (15)

### Second Semester

- Creative Perspectives Elective
- Theological Perspective and ER/S Elective (cross count - see advisor)
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDEL 351 - Instruct Strat for Engl Lang L
- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab

Total (15)

## Scheduling Notes:

- Course sequence is realistic only for the student who declares the Middle Childhood major as a freshman.
- Consult the Undergraduate Core Curriculum requirements of the catalog.
- A minimum of 120 credit hours is required for the degree.
- The sequence of courses in the program is subject to change.
- Advanced placement credit and summer course work may be applied to core or concentration requirements.
- Off Campus courses are approved by the college dean. See advisor for procedure.
- All students must elect one each of oral communications, quantitative reasoning and writing intensive flagged courses; many of these are available within the core or major.

## Language Arts and Social Studies Concentrations

### Freshman Year

#### First Semester

- CORE 101 GOA
- EDFD 110 - Human Development & Learning
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
- PHIL 100 - Ethics as Intro to Philosophy
- Second Language I
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar
- ENGL 101 - English Composition or ENGL 115 - Rhetoric

Total (18)

## Second Semester

- CORE 102 - GOA
- EDEL 100 - Introduction To Education
- EDEL 260 - Cultural Diversity In Educ
- COMM 101 - Oral Communication
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
- Second Language II
- THEO 111 - Theological Foundations or CORE 100 - First Year Seminar

Total (18)

## Sophomore Year

### First Semester

- EDMC 212 - Nature & Needs of Adolescents
- EDEL 251 - Instructional Technology
- EDCH 326 - Children's Lit for Middle Chil
- History Course /Social Studies Concentration
- EDSP 200 - Sp Ed: Identification & Issues
- Math I

Total (18)

### Second Semester

- History Course/Social Studies Concentration
- EDRE 269 - Phonics & Foundation of Literature
- ECON 200 - Microeconomic Principles
- Writing Elective
- Math II
- PHIL 200 - Philosophical Perspectives

Total (18)

## Junior Year

### First Semester

- EDMC 340 - Middle School Phil & School Or
- History Course/ Social Studies Concentration
- EDRE 314 - Reading Methods for Middle Chd
- EDMC 345 - Middle Child Class Mgmt Assess
- EDMS 207- World and Cultural Geography
- Theological Perspectives Elective

Total (18)

### Second Semester

- ENGL 205 - Literature & Moral Imagination
- History Course/ Social Studies Concentration
- POLI 140-American Government and Politics
- EDMC 325 - Arts in Ed: Middle Childhood
- EDMC 351 - Middle Childhood Lang Art Meth
- EDMC 354 - Middle Childhood Soc Stud Meth

Total (18)

## Senior Year

### First Semester

- EDMC 455 - Student Teaching: Middle Sch
- EDMC 456 - Sem: Current Issues in EDMC
- EDRE 471 - Content Area Literacy

Total (15)

### Second Semester

- Creative Perspectives
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDEL 351 - Instruct Strat for Engl Lang
- Literature Elective
- ENGL 320 - Topics in Linguistics or ENGL 321 - Hist of the English Language

Total (18)

## Scheduling Notes:

- Course sequence is realistic only for the student who declares the Middle Childhood major as a freshman.
- Consult the Undergraduate Core Curriculum requirements of the catalog.
- A minimum of 120 credit hours is required for the degree.
- The sequence of courses in the program is subject to change.
- Advanced placement credit and summer course work may be applied to core or concentration requirements as dictated by specific department..
- Off Campus courses are approved by the college dean. See advisor for procedure.
- All students must elect one each in oral communications, quantitative reasoning and writing intensive flagged courses; many of these are available within the core or major.
- ER/S Focus elective should fulfill another core requirement.

## Primary Education (P-5), B.S.

Early Childhood Education will prepare a candidate for an Ohio teaching license to work with children ages 3 through 8, or preschool through grade three. The course of study has child development at the core of pedagogical decisions. The approach is holistic, with a strong emphasis on an integrated learning approach. Practices based in child development and intense reading instruction are integral to the program. Field experience and student teaching occur at both the preschool and primary

With the passage of Ohio Senate Bill 216, the early childhood P-3 teaching license will be replaced with a new P-5 license, with courses of study beginning in 2020. During the 2019-20 academic year, we will continue to research best practices and make course adjustments to align with the new license requirements. Students entering the early childhood major this year can expect a clear transition to the P-5 license and Bachelor of Science in Elementary Education (P-5). Students who entered early childhood in 2018-19 may transition to the P-5 license. Students who entered prior to 2018-19 are eligible for the Early Childhood Generalist 4-5 Endorsement if they wish to add 4-5 to the P-3 license.

Primary Education prepares a candidate for an Ohio teaching license to work with children ages 3 through 12, or preschool through grade five. The course of study has child development at the core of pedagogical decisions. Course work furthers advocacy for all children, with ethical issues and values as expressed through the Jesuit tradition. The approach is holistic, with a strong emphasis on differentiation and integration of subjects to best meet the needs of learners. Practices based in child development and reading instruction are integral to the program. Content preparation for all subject areas of study and assessment. Field, clinical, and student teaching experiences at multiple grade levels.

## Requirements for the Early Childhood Education Major

Undergraduate core curriculum requirements:

**Undergraduate Core Curriculum: 39 - 48 hours, including:**

- Science requirement must be met with one natural science (CHEM or PHYS or BIOL) and one scientific perspectives elective course.
- Humanities elective fulfilled in major with EDCH 324 .
- Social Sciences requirement is included in the major requirements.
- E/RS Focus Elective that meets another core requirement can be chosen.
- A 2.5 cumulative overall GPA is required for admission to program and must be maintained for the Bachelor of Science degree. A 3.0 GPA must be maintained in major.

**Major requirements:**

See "Steps for Admission and Continual Progress for Licensure in Early Childhood." Also see "Student Handbook for Early and Middle Childhood."

A 3.0 GPA must be maintained in the major. Students must have "B-" or higher in courses prefixed with EDEC, EDRE, or EDMC or retake in subsequent semesters.

81 hours of courses:

- EDEL 100 - Introduction To Education
- EDFD 110 - Advanced Human Development
- EDEC 210 - Child Development
- EDEL 251 - Instructional Technology
- EDEL 352 - Culturally Responsive Teaching or
- EDEL 260 - Cultural Diversity In Educ
- EDCH 324 - Children's Literature
- EDSP 205 - Foundations in ECSPED
- EDRE 269 - Phonics & Foundation of Litera
- EDRE 312 - Reading Methods
- EDME 359 - Community & Advocacy in Educ
- EDEC 325 - Methods of Observation/Collabo
- EDEC 230 - Play in Early Childhood Educ
- EDEC 350 - Primary Integrated Art
- EDEL 351 - Instruct Strat for EL
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDRE 471 - Content Area Literacy
- EDEL 440 - Transition to Intermediate Gra
- EDEL 441 - Intermediate Math Methods
- EDEL 442 - Intermediate Science Methods
- EDEL 443 - Inter Language Arts Methods
- EDEL 444 - Inter Social Studies Methods
  
- EDEC 450 - Student Teaching Primary
- EDEC 451 - Primary Student Teaching Sem
- CORE 499 - Core Capstone

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

**Associate of Science****Early Childhood Education, A.S.**

Candidate can receive an American Montessori Society Associate Early Childhood Credential

**American Montessori Credential for Early Childhood Requirements for the Associate Degree in Early Childhood Education**



## Undergraduate core curriculum requirements:

### Undergraduate Core Curriculum

#### Courses

- EDSP 205 - Foundations in ECSPED
- EDME 350 - Observation/Assessment Methods
- EDME 351 - Montessori Ed: Phil Approach
- EDME 359 - Community & Advocacy in Educ
- EDME 364 - Early Childhood/Mont Meth
- EDME 366 - Mont Curr Des&Te Strat I:Ea Ch
- EDME 367 - Mont Curr Des&Te Strat II:Ea C
- EDME 376 - Phonics Skills for Early Chldh
- EDME 377 - Early Childhood Math & Science
- EDME 473 - Mont Early Childhood Pract I
- EDME 474 - Mont Early Childhood Pract II
- EDME 363 - Human Development or
- EDFD 110 - Advanced Human Development

#### Student Teaching Year

#### Note(s):

- This program may be applied to a four year degree program.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## Master of Education

### Elementary Education, M.Ed.

The Master of Education in elementary education will provide the student with a strong foundation in professional knowledge, experience in combining theory with practice, and opportunities for curriculum development and application. The student may pursue an M.Ed. and a teaching license separately or concurrently.

Go to <http://www.xavier.edu/elementary-grad/Admission.cfm> to reference admission requirements.

## Requirements for the M.Ed. in Elementary Education

(30 total credit hours required)

### Core courses

(9 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

### Note(s):

- The remaining 21 hours required are selected from programs such as elementary, Montessori, multi-cultural children's literature, and reading. The M.Ed. candidate is free to select courses that advance teaching in the elementary school.

## Programs Requirements for Licensure:

Students seeking initial licensure in early or middle childhood education concurrently with the M.Ed. will declare their Master's concentration as Elementary. Students seeking teacher licensure in early or middle childhood must contact the department for a review of their transcripts. Students are expected to have a broad base of undergraduate coursework spread over the following areas: English, history, sciences, math, speech, and the fine arts. There is a specific sequence within both programs. Course requirements for early or middle childhood licensure extend beyond the 30 hours required for a Masters Degree.

Go to <http://www.xavier.edu/elementary-grad/index.cfm> to reference more information about Licensure options.

## Master of Education in Elementary Education -- Cohort Program Ohio Early Childhood License Pre-K - Grade 3

With the passage of Ohio Senate Bill 216, the early childhood P-3 teaching license will be replaced with a new P-5 license, with courses of study beginning in 2020. During our 2019-20 academic year we will continue to research best practices and make course adjustments to align with the new license requirements. Students completing the P-3 license in May 2020 will be eligible for the Early Childhood Generalist 4-5 Endorsement as currently offered. Students entering the early childhood graduate cohort in May of 2020 can expect a revised program of study for the P-5 license.

Students seeking acceptance into the graduate early childhood cohort *must first be accepted into the M.Ed program*. Application for acceptance in the Master of Education Program is made through the Graduate Services Office. Call 745-3360 or visit the Xavier website, [www.xu.edu](http://www.xu.edu). Upon acceptance in the M.Ed. program a candidate may begin courses listed below.

To begin the admission process for the early childhood cohort program, the student must meet with an academic advisor for transcript review and discussion of the program. Call (513)745-3701 for an appointment. Please bring an official copy of transcripts from all undergraduate and graduate work to this meeting.

Upon acceptance into the Master of Education program a candidate may begin the required courses listed below. Candidates are responsible for graduate information contained in the Xavier University Catalog, such as the comprehensive exam and other graduation requirements.

The candidate must meet with an academic advisor for a transcript review outlining general education requirements:

- English Composition (3)
- History (3)
- Mathematics (6)
- Literature (6)
- Natural Science (3)
- Physical Science (3)
- Fine Art (3)

## Professional Foundation Courses

The following courses are taken during the academic year prior to the beginning of the Early Childhood Cohort Program.

- EDEL 500 - Classroom Culture (includes 50 hours of assigned field experience)
- EDEL 251 - Instructional Technology
- EDFD 500 - History/Philosophy of Am Educ
- EDFD 510 - Adv Human Develop & Learning

## Please Note:

- The licensure candidate may complete the M.Ed. Core courses: EDFD 505, *Organization of Education Systems in the United States*; EDFD 507/ EDFD 508, *Educational Research/Paper* during the initial academic year, or elect to finish at a later date. "No more than six years may elapse between enrolling in a degree program and completion of work for the degree." A comprehensive exam is the final requirement for the degree program. The M.Ed candidate may sit for the exam after 27 hours for the degree have been successfully completed.
- Students who have completed (or will complete by May) general education requirements and professional foundation courses may apply to the Early Childhood Cohort. Application is made during the spring semester. Applications, available through the Department of Childhood Education and Literacy Office, 307 Hailstones Hall, are reviewed by a faculty team and evaluated on the basis of the following: EDEL 500 final grade, field work evaluation, grade point average, Miller Analogy or GRE scores, written and oral communication skills.

## Early Childhood License Cohort Courses

Candidates must be accepted into the cohort program in order to enroll in the following courses.

\*The schedule below is effective Summer Semester 2009.

### First Summer Session

- EDRE 512 - Reading Methods
- EDRE 569 - Phonics & Found of Literacy
- EDEC 558 - Play & Arts in Early Childhood

Total (9)

### Second Summer Session

- EDCH 524 - Children's Literature
- EDEC 555 - Early Childhood Care/Practices

Total (9)

### Fall Semester

- EDEL 370 - Junior Field Experience /2 days per week
- EDEC 331 - Early Childhood Math/Sci Cohrt
- EDEC 336 - Early Childhood LA/Soc St Cohr
- EDRE 678 - Literary Assess: Adm, Ana, App

Total (16)

## Spring Semester

- EDEC 454 - Cohort Stud Teach Primary
- EDEC 455 - Cohort Primary Seminar
- EDRE 671 - Content Area Literacy

Total (10)

### Note(s):

Students must pass the Ohio Assessment for Educators (OAE) Early Childhood Education/012 in the fall semester and OAE Assessment of Professional Knowledge: Early Childhood/001 and Foundations of Reading/090 during the student teaching semester. Additional information on testing may be found at the Department of Childhood Education and Literacy website or [www.oh.nesinc.com](http://www.oh.nesinc.com). See also for test information regarding the endorsements in reading and grades 4 and 5.

Application for the early childhood license is made online through the Ohio Department of Education upon completion of all requirements. The State of Ohio, Four Year Resident Educator License, Early Childhood P-3 from the ODE carries an effective date of July. Students seeking licensure in other states must first complete the Ohio license requirements. Information on licensure is covered in detail during the student teaching semester.

The early childhood license gives the candidate the opportunity to add endorsements for teaching grades 4 and 5 (additional 9 credit hours) or Reading (additional 9 hours), which may be added during the summer following student teaching, or during successive summers. Please consult an advisor before beginning the endorsement courses.

## Ohio Licensure Generalist Endorsement Grades 4-5 Graduate Courses

This series of courses is offered for the candidate who holds the Ohio Early Childhood License/Grades P-3 and which will enable them to obtain the generalist endorsement for grades 4-5. The candidate for the endorsement must complete all 9 semester hours of coursework listed below and pass the Ohio Assessment for Educators (OAE): OAE Elementary Education (Subtest I)/018 and OAE Elementary Education (Subtest II)/019

Prerequisite: Holds an Ohio Early Childhood License/Grades P-3. For graduate students who wish to pursue a Masters in Elementary Education, the Generalist Endorsement courses can be applied towards the M.Ed. For more information on the Masters program, go to <http://www.xavier.edu/elementary-grad/Admission.cfm>.

### Generalist Endorsement Grades 4-5 Courses

- EDEL 640 Middle Childhood Transitions: Development and Management (1)
- EDEL 641 Mathematics Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 642 Science Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 643 Language Arts Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 644 Social Studies Content, Pedagogy, and Assessment Grades 4-5 (2)

## Master of Education in Elementary Education Ohio Middle Childhood License Grades 4-9

Middle childhood licensure at the graduate level is designed for the student who did not receive a teaching license as an undergraduate; has strong undergraduate course work in two of the following: mathematics, science, social studies or English; is available to take pedagogy, methods, and field placement courses with both day and evening scheduling in order to meet the extensive requirements of the middle childhood license. The middle childhood license is for teaching grades 4 through 9 in two subject areas. Students will also study reading methods and children's literature along with their two chosen areas of concentration. The student with current (within the last 10 years) course work in the concentrations may have some concentration requirements waived.

- There is no cohort program (see early childhood licensure) for middle childhood candidates. Progression through the program is unique to the individual due to the various concentration combinations, i.e. one student may choose math and science while another opts for science and social studies. The content courses may not be offered as frequently as the foundation courses, often just one semester out of the academic year. The sequence of course completion is important to the success of the candidate.

## Admission

To begin the admission process for the Middle Childhood License/Master of Education program, the candidate must meet with an academic advisor for a transcript review outlining general education requirements:

- English Composition (3)
- History (3)
- Mathematics (6)
- Literature (6)
- Science (6)
- Fine Art (3)

A minimum grade of C is required in all courses, except English composition, for which a B is required. An overall undergraduate grade point average must be a 2.70 or better.

**Next the student must apply for the M.Ed. in Elementary Education.**

## Concentrations

The Middle Childhood Licensure candidate must choose two fields of concentration from the following : (see specific courses under B.S. in Middle School Education)

- Mathematics - 21 hours
- Science - 21 hours
- Social Studies - 24 hours
- Reading/ Language Arts - 24 hours

Students should take the five professional foundation courses before enrolling in the following courses specific to middle childhood licensure. See undergraduate Middle School Education section for list of concentration courses.

## Professional Education Courses

- EDEL 500 - Classroom Culture
- EDFD 510 - Adv Human Develop & Learning
- EDEL 251 - Instructional Technology
  
- EDFD 500 - History/Philosophy of Am Educ

## Note(s):

Concentration courses may be completed concurrent with methods/pedagogy courses listed below. Due to the complexity of the licensure requirements, middle school candidates must meet with an advisor each semester. Students should take the five professional foundation courses listed on the preceding page: EDEL 251, EDEL 500, EDFD 500 , EDFD 510, and EDEL 260/560, before enrolling in the following courses specific to the Middle Childhood License.

## Middle Childhood Courses

Scheduling of Middle Childhood courses are varied; courses may meet during the day, at 4:15 or 7:00PM, and often require field observation or experience. Be aware that EDMC courses are not offered every semester.

- EDMC 212 - Nature & Needs of Adolescents
- EDSP 500 - Sp Ed: Identification & Issue
- EDCH 526 - Children's Lit for Middle Chil
- EDMC 325 - Arts in Ed: Middle Childhood
- EDRE 569 - Phonics & Found of Literacy
- EDRE 514 - Reading Methods for Middle Chi
- EDMC 340 - Middle School Phil & School Or
- EDMC 345 - Middle Child Class Mgmt Assess

Two courses from

Students take two courses from 351, 352, 353, or 354 (total 6 hours, field experience T & R days) EDMC 351-354 are only offered during Spring semester. EDMC 212 and EDMC 340 prerequisites for EDMC 351-354.

- EDMC 351 - Middle Childhood Lang Art Meth
- EDMC 352 - Middle Childhood Math Methods
- EDMC 353 - Middle Childhood Science Meth
- EDMC 354 - Middle Childhood Soc Stud Meth
- EDMC 455 - Student Teaching: Middle Sch
- EDMC 456 - Sem: Current Issues in EDMC
- EDRE 671 - Content Area Literacy
- EDRE 678 - Literary Assess: Adm, Ana, App

### Note(s):

- Praxis II Exams: **You must pass two subject area concentration exams prior to student teaching.** The "Principles of Learning and Teaching: 5-9" is taken during the student teaching semester. See Praxis link at [www.xavier.edu](http://www.xavier.edu).
- Grades 4-6 Middle Childhood Endorsements are an option for persons holding a Middle School license. See Requirements for generalist endorsement under B.S. for Middle School Education.
- The following core courses fulfill Master of Education requirements but are not required to complete the middle childhood license requirements. They can be taken at any time within the six year limit. Students take the Comprehensive Exam related to the three core courses during the last semester of graduate course work.

EDFD 500

EDFD 505

EDFD 507 & EDFD 508

## Multi-Cultural Literature For Children, M.Ed.

The degree of Master of Education with a concentration in multi-cultural literature for children is a professional degree designed to meet the needs of licensed teaching professionals desiring to enhance their knowledge of appropriate literature for children in the classroom. The degree consists of 30 hours of coursework. The concentration coursework (18 hours) includes diverse coursework in the area of children's literature. The focus for the coursework is study in the diverse base of literature written for children reflecting but not limited to European Americans, Native Americans, African Americans, Asian Americans, Jewish Americans, Latino Americans and other world cultures, not based in the western world. The purpose of this degree is to provide information that will enable teachers to make careful, informed and sensitive choices from among the increasing numbers of books being published as Multi-cultural literature as well as incorporating this knowledge into a holistic, global classroom. Multi-cultural literature is one of the most powerful components of a Multi-cultural education curriculum, the underlying purpose of which is to help to make our society a more equitable one.

Go to <http://www.xavier.edu/multicultural-literature/admission.cfm> to reference admission requirements.

### Curriculum Prerequisites

These prerequisites are required if a candidate for the degree does not have a valid teaching certificate or current teaching license.

- EDEL 314 - Teaching Reading or
- EDRE 569 - Phonics & Found of Literacy

### Note(s):

- In addition, the graduate candidate must have (or be in the process of completing) a valid teaching certificate or license.

## Requirements for the M.Ed. in Multi-cultural Literature

The following coursework is required for the Master degree in Multi-cultural Literature for Children.

## MEd Core Requirements

(12 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

## Concentration Requirements

(18 credit hours) selected from the following, with EDCH 501 required.

- EDCH 501 - Advanced Children's Literature
- EDCH 505 - Storytelling as a Cultural Cra
- EDCH 510 - Writing & Publishing for Child
- EDCH 515 - Adolescent Literature
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDCH 524 - Children's Literature
- EDCH 525 - Analysis Child Lit Global Soc
- EDCH 526 - Children's Lit for Middle Chil
  
- EDEL 652 - Culturally Responsive Teaching

## Note(s):

- Students completing their studies for the M.Ed. in Multicultural Literature for Children must pass a comprehensive examination and must be able to write knowledgeably on the following areas: children's literature (in general), multicultural literature for children, storytelling as both a genre and a craft, the impact of multicultural literature on the elementary curriculum, adolescent literature as it impacts a global society, and analysis of appropriate literature for children. The M.Ed. candidate may sit for the exam after 27 hours for the degree have been successfully completed.

## Endorsement

### Early Childhood (4-5) Generalist.

### Early Childhood (4-5) Generalist.

A series of courses offered for the undergraduate student who is a candidate for the Ohio Early Childhood License/Grades P-3. To receive the endorsement the candidate must qualify for the Ohio Early Childhood license, complete the 9 credit hours described below, and pass the Ohio Assessment for Educators (OAE): OAE Elementary Education (Subtest I)/018 and OAE Elementary Education (Subtest II)/019. Undergraduates must complete the following prerequisites **PRIOR** to enrolling in the EDEL/Endorsement series of courses: EDEC 330 and EDEC 335 . Note that in 2017 the Ohio Department of Higher Education added a 50 clock hour field component. Please see an advisor regarding this requirement.

- EDEL 440 or EDEL 640 Middle Childhood Transitions: Development and Management (1)
- EDEL 441 or EDEL 641 Mathematics Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 442 or EDEL 642 Science Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 443 or EDEL 643 Language Arts Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 444 or EDEL 644 Social Studies Content, Pedagogy, and Assessment Grades 4-5 (2)

## Elementary Mathematics Specialist Endorsement

The program of study for the Elementary Mathematics Specialist Endorsement (K-6) includes 24 semester hours of coursework. Each course links the course content to the Ohio Common Core Mathematics curriculum and effective classroom practice. The courses are designed to prepare specialists capable of providing coaching and professional development in mathematics education for classroom teachers of mathematics in grades pre-kindergarten through grade six. Teacher candidates will be involved in 90 hours of field experiences where they will use the knowledge and skills gained in the courses. This endorsement may only be added to a valid teaching license in one of the following areas: Kindergarten - primary, elementary or early childhood license, or middle childhood, high school, or adolescence to young adult mathematics teaching license. Candidates

must have a least three years of successful experience teaching mathematics under a standard teaching certificate or license. Please note that to make the endorsement valid you must take the Ohio licensing exam for Middle Childhood Mathematics Content Knowledge.

The Mathematics Specialist Endorsement at Xavier is a 24 credit hour endorsement. All courses requirements must be taken at the Graduate level. The program requires 90 hours of documented field hours. Graduate level coursework taken as part of the Mathematics Specialist Endorsement may be used towards the M.Ed. in Elementary Education. Please refer to the counseling sheet for Masters in Elementary Education.

Entrance Requirements: Admission into Xavier University Graduate Program, Valid Ohio Teaching License, Documented Three Year Mathematics Teaching Experience.

## Required Mathematics Specialist Courses for the Endorsement

Successful completion requires a B- or above and meets or exceeds expectations on key assessments. (All courses are three (3) semester hours.)

- EDEL 550 - Mathematics as Second Lang
- EDEL 551 - Algebra and Functions

## Middle Childhood (4-6) Generalist

### Middle Childhood Generalist (4-6)

The Middle Childhood Generalist (MCG) Endorsement allows the teaching candidate with two licensure areas to add either one or two more content areas specifically for teaching in a self-contained 4th, 5th, or 6th grade classroom. This endorsement is not valid for holders of any license other than Ohio Middle Childhood Education. Updates and/or changes to licensure are dictated by the State of Ohio and may supersede the requirements listed for licensure in the catalog.

To have the MCG endorsement added to the MCE license:

1. The candidate must have previously completed a MC Education program in two content areas and hold a valid MCE license (we will assume that our initial licensure candidate will apply for the endorsement along with, or soon after application for the initial license in two areas); and
2. In addition to successfully completing the MCG Endorsement course work in either one or two additional areas, the candidate must also successfully complete the required test(s).

Either the candidate must pass:

- A.) OAE Education (Subtest I)/018 and OAE Elementary Education (Subtest II)/019

OR

- B.) Content area test for each content area added to MCE license:
  - OAE MS English/Language Arts (028)
  - OAE MS Mathematics (030)
  - OAE MS Social Studies (031)
  - OAE MS Science (029)

The candidate must complete the following courses in the chosen content area.

### Language Arts

- ENGL 304 - Teaching & Research in Writing
- EDCH 326 - Children's Lit for Middle Chil

### Mathematics

- MATH 213 - Algebra Concepts -MCED
- MATH 214 - Math Problem Solving -MCED



## Science

- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab

## Social Studies

- EDMS 207 - World & Cultural Geography
- POLI 140 - American Government and Politi

## Reading (K-12) Endorsement

The Reading Endorsement coursework at Xavier is a 21 credit hour endorsement program. Only six hours of undergraduate credit can be applied toward the endorsement. All other course requirements must be taken at the graduate level. The State of Ohio requires 100 hours of documented field hours. Graduate level coursework taken as part of the Reading Endorsement may be used toward the M.Ed. in Reading. Please refer to the counseling sheet for Master's in Reading Education.

### Required Reading Courses for the Endorsement:

- EDRE 269/EDRE 569 Phonics & Found of Literacy (3 credit hours)
- EDRE 471/EDRE 671 Content Area Literacy (3 credit hours)
- EDRE 672 Theories of Reading (3 credit hours)
- EDRE 478/EDRE 678 Literary Assess: Adm, Ana, App (3 credit hours)
- EDRE 679 Practicum in Reading (3 credit hours) (Prerequisite for EDRE 679: EDRE 269/569, EDRE 471/671, EDRE 672, EDRE 478/678)

Choose 21 Credit Hours Required from below:

- EDCH 324/EDCH 524 Children's Literature (3 credit hours) (or it's equivalent)
- EDCH 326/EDCH 526 Children's Lit for Middle Chil (3 credit hours) (Fall & Summer only) (or it's equivalent)
- EDCH 501 Advanced Children's Literature (3 credit hours)
- EDCH 305/EDCH 505 Storytelling as a Cultural Cra (3 credit hours)
- EDCH 315/EDCH 515 Adolescent Literature (3 credit hours)
- EDCH 320/EDCH 520 Multi-Cultural Lit for Childrn (3 credit hours)
- EDCH 528 Topics in Children's Literature (3 credit hours)
- EDME 362 /EDME 562 Phonics and Orton-Gillingham (3 credit hours)
- EDRE 675 Current Research in Reading (3 credit hours) (Fall only)
- EDRE 376/EDRE 676 Teaching Writing Process (3 credit hours) (Grade 4-14) (Spring only)
- EDRE 685 Teach Read Children w/SpC Need (3 credit hours)

### Assessment Requirement for the Reading Endorsement:

Ohio Assessments for Educators (OAE) Reading (Subtest I)/038 and OAE Reading (Subtest II)/039 are required for the reading endorsement. For additional information please visit <http://www.oh.nesinc.com>.

### Application Process:

If you are pursuing a reading endorsement only, the following documents are required:

- Xavier graduate application
- Official copy of college transcript
- A copy of your valid Ohio teaching license

If you are pursuing a M.Ed. Degree, the following is required:

- MAT or GRE test is required

All materials are sent to the Xavier University Graduate Services office. Please refer to the advising sheet for the Reading Endorsement.

## License

# Early Childhood Education Licensure

## Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

## Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

### Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

### Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

### Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

## Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

## Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

## Early Childhood/Montessori, ages 2.5 to 6, or ages 6 to 9, or ages 6 to 12 Licensure

### Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

### Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

## Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS I as entry test in order to declare major or minor.
- Potential candidate declares major.

## Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

### Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

### Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

### Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

## Middle Childhood Education Licensure

### Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

# Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

## Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

## Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

## Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

## Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

## Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

# School of Education: Educational Administration

The mission of the Department of Educational Administration is the preparation and training of professionals in education and allied fields.

The Department of Educational Administration offers the Master of Education in Educational Administration, and administration/supervision licensure programs for Ohio, Kentucky and other states. It also offers a cognate (specialization) in the Leadership Studies Doctoral Program (Ed.D).

## Master of Education

### Educational Administration, M.Ed.

The Educational Administration Master of Education degree, a professional degree, is designed to provide the preparation required for principals, administrative specialists, superintendents, and other educational administration positions. Students are encouraged to select Master of Education courses which correspond with the educational administration/supervision licensure they may seek. Licensure program courses and master's degree courses may be taken in unison or separately. However, a master's degree is required before the student is eligible to apply with their state for licensure or be accepted into a licensure only program. Educational Administration Licensure/Supervision programs include but are not limited to Principal, Specialists, Superintendents, Supervisor of Instruction, Director of Special Education, and Director of Pupil Personnel.

Xavier University also offers an innovative, integrated MSN/MEd program consisting of 47 semester credit hours. The student will receive two separate degrees, the Master of Science in Nursing and the Master of Science in Education. This program was developed in response to a community need for nurse educators. The MSN/MEd prepares the graduate to administer and teach in educational settings (i.e., CE providerships, in-service educators and nurse educators). Please contact the School of Nursing for additional details.

Go to <http://www.xavier.edu/administration-grad/admission.cfm> to reference admission requirements.

## Requirements for the M.Ed. in Educational Administration

(30 total credit hours required)

The core education courses are required for the Masters of Education in Educational Administration. and all of the licensure options.

The following serves as a curriculum guide, please see an educational administration advisor.

### Core courses: (9 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

### Licensure courses: (21 credit hours)

The licensure courses are required for all licensure options. The appropriate internships will be added to the MEd program to complete the licensure requirements. Any combination of the courses that total 21 semester hours will, when combined with the 9 core hours, equal 30 semester hours and thus qualify the candidate for a MEd in Educational Administration. Note: Up to 6 semester hours may be elective credits at 500 Level or above. However elective credits are not applicable for Licensure.

Go to <http://www.xavier.edu/administration-grad/Licensure.cfm> to reference licensure requirements and details.

- EDAD 543 - Supervision of Inst/Staff Pers
- EDAD 548 - Principalship or
- EDAD 561 - Admin of Pupil Personnel Serv
- EDAD 562 - Political Structure & PR
- EDAD 563 - Sch Finance, Bus Aff / Phys
- EDAD 565 - School Law I
- EDAD 570 - Policy Planning & Evaluation
- EDAD 660 - Curr Design & Teach Strategies

Internship(s) are required to complete licensure for principals, specialists, or superintendents.

The required internship varies depending on specific licensure sought.

Consult with an educational administration advisor for specific licensure requirements.

### Principal Licensure Courses

- EDAD 771 - Internship:Principal I
- EDAD 781 - Internship:Principal II

### Specialist Licensure Courses

- EDAD 772 - Admin Specialist Intern I
- EDAD 773 - Internship:Spec-Staff Pers I
- EDAD 774 - Internship:Spec-Curr Inst I
- EDAD 775 - Internship:Spec-Pupil Svcs I
- EDAD 776 - Internship:Spec-Sch/Com Relat
- EDAD 777 - Internship:Spec-Vocational Ed
- EDAD 782 - Admin Specialist Intern II
- EDAD 783 - Internship:Spec-Staff Pers II
- EDAD 784 - Internship:Spec-Curr Inst II
- EDAD 785 - Internship:Spec-Pupil Svcs II
- EDAD 786 - Internship:Spec-Sch/Com Relat
- EDAD 787 - Internship:Spec-Vocational Ed

### Superintendent License Courses

- EDAD 710 - Superintendent Seminar
- EDAD 779 - Internship:Superintendency I
- EDAD 789 - Internship:Superintendency II

### Note(s):

- All educational administration students must successfully complete the Master of Education (MEd) Comprehensive Examination upon completion of required coursework to earn the MEd degree.
- Additionally, the University is not obliged to recommend licensure of any type on the basis of the completion of a Master of Education degree or specific coursework in education. Students must also meet leadership, communication, and character requirements and pass the required licensure tests of the State Department of Education for each specific license.

## Summary of Steps for Admission and Continual Progress toward MEd Degree and Licensure

### Step One:

Admission to M.Ed. graduate program. See <http://www.xavier.edu/education/>

- Apply online to the Office of the Graduate School
- Declare educational administration as major for MEd.

## Step Two:

### Complete Program for MEd

- Complete 30 semester credit hours, including all required courses
- Pass comprehensive exam (exam can be repeated once, if needed)
- Apply for Xavier graduation

## Step Three:

### Licensure for Ohio

#### For Principal or Specialist Licenses:

- Complete course requirements for MEd and/or principal or specialist license.
- For Xavier M.Ed. graduates, complete 6 semester credit hours of additional required coursework.
- Pass licensure exam OATE Exam #015 in educational leadership
- Apply for licensure online at the State Department of Education and follow university and state procedures for licensure.

#### For Superintendent Licenses:

- Complete course requirements for MEd and/or principal or specialist license.
- For Xavier M.Ed. graduates, complete an additional 12 credit hours approved by advisor, including EDAD 710 Superintendent Seminar and EDAD 779 & 789 Superintendent Internships I & II.
- Must pass licensure exam in educational leadership, if not already completed with Principal or Specialist license.
- Apply for licensure online at the State Department of Education and follow university and state procedures for licensure.

## Note(s):

- Students may contact the Office of the Graduate School at [xugrad@xavier.edu](mailto:xugrad@xavier.edu), <http://www.xavier.edu/graduate-admission/>, or 513-745-3360 for more information and the Department of Educational Administration at 513-745-4210 to schedule an appointment with an advisor.

## License

### School Treasurer Licensure

#### Educational Requirements

- Candidate has a baccalaureate degree in **business**, three semester hours in school law, and three semester hours in school finance, OR
- Candidate has a baccalaureate degree in a non-business area, nine semester hours in accounting, three semester hours in school law, and three semester hours in school finance.

#### Courses

- EDAD 563 - Sch Finance, Bus Aff / Phys
- EDAD 565 - School Law I
- EDAD 772 - Admin Specialist Intern I
- EDAD 782 - Admin Specialist Intern II

## Ohio Standards for School Treasurers



- Standard 1: Leadership School treasurers participate in a leadership role within the district.
- Standard 2: Financial Management School treasurers demonstrate a clear understanding of financial resources and manage those resources in collaboration with the board of education and district leadership.
- Standard 3: Facilities, Property and Capital Asset Management School treasurers provide fiscal leadership in the management of capital assets and support services.
- Standard 4: Communication and Collaboration School treasurers communicate and collaborate effectively with the board of education, district leadership and stakeholders.
- Standard 5: Professionalism School treasurers are committed to a high level of professionalism in their conduct and adhere to established ethical standards

## Internship Requirements

The field experience component may be met through completion of a 300-hour internship in a school treasurer's office, under the direct supervision of a licensed school treasurer.

The 300-hour internship should be an individualized, mutually developed series of experiences reflective of the results of an assessment of the educational needs of the intern as related to the role, functions and responsibilities of the treasurer.

The 300 hours of field experience should be well distributed over the following:

1. Overview of Treasurer and Business Office Responsibilities (10 hours)
  - Review of statutory duties
  - Relationship with board of education
  - Role and relationship with superintendent and other administrators
  - Relationship with other offices and officials
2. Financial Management (20 hours)
  - Basic banking depository requirements
  - Investments
  - Bonds and notes
3. Fund Accounting (50 hours)
  - Processing accounts payable and receivable
  - Receipts
  - Billing and invoices
  - Purchase orders and encumbrances
  - Petty cash and change funds
  - Student activity funds/management
  - Internal accounting controls
4. Financial Reporting (50 hours)
  - Budget and appropriations
  - Financial forecasting and fiscal analysis
  - General purpose financial statements, cash reporting
  - GAAP
5. Purchasing and business functions (80 hours)
  - Bidding and purchasing procedures
  - Employee contracts
  - Payroll processing/distribution/reports
  - Employee benefits (type, enrollment & claims)
  - Salary schedules
6. Legal/Legislation (50 hours)
  - Ohio compliance functions
  - Fiscal certificates
  - Legal notices
  - Short and long-term borrowing
  - FMLA, ADA, FLSA, Workers' Compensation
7. Administrative and other duties (20 hours)
  - Board secretary-minutes and role at board meetings
  - Member of administrative team/role with policy team
  - Record retention/destruction
  - Collective bargaining (public sector)
8. Other areas, if appropriate, to the particular district and its needs (20 hours)

## School of Education: Montessori

The Montessori program supports the fundamental tenet that a child learns best within a social environment that supports each individual's unique development. At Xavier, the Montessori teacher learns to be a scientific observer and facilitator. The educator provides an environment for children that is developmentally appropriate and supports the areas of social, cognitive, emotional, spiritual, and physical domains.

The philosophy of education taught in the Montessori program was researched by Dr. Maria Montessori, the first Italian woman to graduate from medical school in Rome in 1896. It is a philosophy and pedagogy in practice for over a century. The Montessori philosophy and its method of educating children is based on the premises of respect for the child and for one another, freedom within limits, order, nature and reality, the sensitive periods, movement, and peace.

Multi-age groupings in each class promotes peer learning and a sense of community. The children work in a prepared learning environment that is child centered and beautifully arranged with learning materials to aid the child in exploring and discovering through multi-sensory activities.

The Montessori teacher learns to be a scientific observer and facilitator. The educator provides an environment for children that is developmentally appropriate and philosophically rooted.

The Montessori teacher education undergraduate program is based on a strong foundation in liberal arts and child development. The Montessori program prepares the student with an understanding of Dr. Montessori's philosophy in light of the education of the past and present. The Montessori curriculum prepares the students to teach practical life, art, music, movement, sensorial, math, language, geography, science and history.

Students who major in Montessori education can be certified according to the American Montessori Society to teach children either two and a half to six years old or six to nine years old using the Montessori philosophy.

To major in Montessori education, Xavier University requires 64 hours of core curriculum, including natural sciences, English, mathematics, communications, a cultural diversity elective, theology, business, philosophy and fine arts.

In addition, the Montessori major requires 66 hours of education courses. See the recommended course sequences for detailed information.

Please contact the director of the Montessori program for more information at [montessori@xavier.edu](mailto:montessori@xavier.edu)

The Xavier University Montessori teacher education programs grant certification in the following areas:

1. American Montessori Credential for Early Childhood or Elementary I or Elementary I & II
2. Ohio State Early Childhood Licensure for Pre-K to 3rd Grade.

Graduates will be certified to teach in public or private Montessori schools. Graduates will also be certified to teach in public or private traditional schools from Pre-K to 3rd Grade. The program is MACTE accredited and American Montessori affiliated.

The Master of Education degree is available in many concentrations. See the "Master of Education" section for the list of options. Students who do not meet acceptable performance standards in coursework or field experiences may be excluded from specific programs.

The following pages outline the requirement for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated.

**Note:** The University is not obliged to recommend licensure of any type on the basis of the completion of a Master of Education degree or specific course work in education. Students must also meet leadership, communication, and character requirements and pass the required Ohio Assessments for Educators (OAE) tests of the State Department of Education for each specific license.

## Teacher Education Program Steps for Admission and Continual Progress for Licensure for candidates in the Montessori Program

Xavier University candidates for initial licensure in early childhood and Montessori education must meet specific standards for entrance into the University, the major, student teaching, and the provisional license for the teaching profession. Steps must be successfully completed sequentially for licensure recommendation by the School of Education.

### Step One: Admission to Xavier University

- Student is accepted into the University: Grade point average and ACT or SAT scores considered.
- Student declares major as early childhood education or middle childhood education.
- When field experience placements begin and annually thereafter, a BCI/FBI background check and TB (Tuberculosis Skin Test) test are required.

### Step Two: Admission to Program

- Completion of Step One.
- Student completes EDEL 100, Introduction to Education, with grade of B or higher.
- ENGL 101, English Composition, completed with grade of B or higher.
- Overall grade point average of 2.5.
- Statement of Moral Character Notarized and on file in Department of Childhood Education and Literacy office.
- Completed "Application for Admission" form on file in Department of Childhood Education and Literacy office. (Both forms noted are received and returned during semester of EDEL 100.) Student receives acceptance letter from the department chair confirming acceptance or rejection for chosen major.
- One of two required mathematics courses completed with grade of C or higher (after fall semester of sophomore year for undergraduate students)
- Annual BCI/FBI background check on file in Department of Childhood Education and Literacy.
- TB (Tuberculosis Skin Test) test results available.

### Step Three: Pre-Internship Requirements

- Completion of Step Two.
- Student maintains grade point average of 2.5 overall, 3.0 in major.
- Student must receive "B" or higher in courses prefixed EDEC, EDMC, EDRE, or retake in subsequent semester. Students must receive B or higher in courses prefixed EDME, EDEC, EDRE, EDSP or retake in subsequent semesters.
- Second mathematics course complete with C or higher.

- Early childhood candidates complete either EDEC 330 or EDEC 335 with EDEC 325
- Middle childhood candidates complete EDMC 340, EDMC 345, and two of the following courses: EDMC 351, EDMC 352, EDMC 353, or EDMC 354.
- Annual BCI/FBI background check on file in Montessori Program offices .
- TB (Tuberculosis Skin Test) test results available.
- Evaluation forms completed by University personnel and field work cooperating teachers indicating progress in knowledge, performance, and necessary dispositions on file in the Department of Childhood Education and Literacy office. *To complete this phase, student registers for an advisory day at the end of the appropriate semester; meet with a faculty team to present evidence of knowledge, dispositions and performance via discussion and portfolio content. Faculty team indicates to student, and in writing, that all requirements for progression in program have been met.*

## Step Four: Admission to Internship

- Completion of Step Three.
- Application for internship approved.
- All foundation, methods, content area courses, and majority of concentration courses must be complete for commencement of internship semester.
- One of two required Ohio Assessments for Educators (OAE) exams for Early Childhood Education must be passed prior to internship. "Early Childhood Education" must be passed prior to internship. Another OAE exam is required for licensure and may be completed during the internship.
- Annual BCI/FBI background check on file in Montessori Program office .
- TB (Tuberculosis Skin Test) test results available.

## Step Five: Resident License Approval

- Completion of Step Four.
- Successful completion of internship in early or middle childhood classroom, with goals, midterm appraisal and final letters of evaluation on file in Montessori Program office.
- Presentation and submission of exit portfolio.
- All Ohio Assessments for Educators exams passed and official results on file in Xavier University Certification Office.
- Online application process completed and all license application materials on file with Xavier University Certification Office.

\*See "Handbook for Early and Middle Childhood Education" for further information. Available on the program website.

## Bachelor of Science

### **Montessori Education (Early Childhood) for Ohio 4 yr Resident Educator License (preK-3), American Montessori Society Credential Early Childhood Ages 2 1/2 To 6; Special Education, Early Childhood Intervention Specialist license (Double Major), B.S**

Double Major of Montessori Education and Special Education.

Students who successfully complete the dual major program will receive a BS with majors in Special Education and Montessori Education. They will receive an American Montessori Society Early Childhood credential, an OH p-3 license, and an OH ECIS-Early Childhood Intervention Specialist license.

See Special Education with a Concentration in Early Childhood Intervention Specialist and Montessori Education with American Montessori Society Early Childhood Credential (Double Major), B.S.

## Montessori Education, B.S.

The philosophy of education taught in the Montessori program was researched by Dr. Maria Montessori, one of the first Italian women to graduate from medical school in Rome in 1896. Dr. Montessori's philosophy supports the fundamental tenet that a child learns best within a social environment which supports each individual's unique development. Multi-age grouping in each class promotes peer group learning. The children work in a prepared learning environment that is child-centered and beautifully arranged with learning materials to aid the child in their exploration of new ideas. The Montessori teacher learns to be a scientific observer and facilitator, providing an environment for children that is developmentally appropriate to help the child grow in all areas: social, cognitive, emotional, and physical.

An undergraduate degree will prepare you to practice your profession in the following ways:

1. Public schools - Graduates are prepared to teach in Montessori public schools and traditional public schools pre-Kindergarten up to third grade.
2. Private schools - Graduates teach in private Montessori schools (ages 2.5 - 6) nationally and internationally as well as in traditional programs up to third grade.
3. Hospitals - Graduates are hired for special children's programs.
4. Child care centers - Graduates are hired as administrators of child care centers.
5. Non-profit organizations - Graduates work in the areas of child and family advocacy.

The Xavier University Montessori Teacher Education Program is accredited by the MACTE Commission and grants an American Montessori Society Credential for Early Childhood and Elementary I students who complete all requirements also receive an Ohio Four Year Resident Educator License PreK-3.

## Bachelor of Science Degree in Montessori Education

# **Montessori Education (Early Childhood Program) for Ohio Four Year Resident Educator License (PreK-3) and American Montessori Society Credential Early Childhood Ages 2 1/2 To 6, B.S.**

## Requirements for the Montessori Education Major

### Undergraduate core curriculum, requirements:

48 Undergraduate Core Curriculum credit hours, include:

- Diversity Curriculum requirement: partially fulfilled in the major with EDEL 260 Cultural Diversity In Educ.
- English Composition/Rhetoric grade must be a "B" or above.
- Mathematics grade must be a "C" or above.
- Literature: fulfilled in the major with EDCH 324 Children's Literature.
- CORE 100 - First Year Seminar
- CORE 101 - First Year Co-curricular program
- CORE 499
- Science: must be met with physical (CHEM or PHYS 114 and PHYS 115) and biological (BIOL 130 and BIOL 131) sciences.
- Social Sciences: included in the major requirements.
- The ER/S Focus Elective that meets another core requirement should be chosen.

### Major requirements:

- EDRE 478 - Literary Assess: Adm, Ana, App
- EDCH 324 - Children's Literature
- EDEC 230 - Play in Early Childhood Educ
- EDME 377 - Early Childhood Math & Science
- EDEL 352 - Culturally Responsive Teaching
- EDEL 260 - Cultural Diversity In Educ or
- EDME 359 - Community & Advocacy in Educ
- EDRE 312 - Reading Methods
- EDME 350 - Observation/Assessment Methods
- EDME 364 - Early Childhood/Mont Meth
- EDME 354 - Mont Language Arts & Read Meth
- EDEL 100 - Introduction To Education
- EDEL 251 - Instructional Technology
- EDSP 205 - Foundations in ECSPED
- EDEC 210 - Child Development
- EDME 376 - Phonics Skills for Early Chldh
- EDME 351 - Montessori Ed: Phil Approach
- MATH 212 - Mathematics for Education 2
- MATH 211 - Mathematics for Education 1
- EDFD 110 - Advanced Human Development
- EDME 366 - Mont Curr Des&Te Strat I:Ea Ch
- EDME 473 - Mont Early Childhood Pract I
- EDME 367 - Mont Curr Des&Te Strat II:Ea C
- EDME 474 - Mont Early Childhood Pract II

## Additional Requirements:

- A Montessori professional statement must be in the file by the end of freshman year.
- Three letters of recommendation must be on file by the start of the sophomore year.
- A moral character form must be on file by the start of the sophomore year.
- Application for student teaching must be turned in by spring of junior year.
- Application and fees for American Montessori Society Credentialing, MACTE and NAEYC must be turned in the summer before senior year.
- State licensing exams must be taken prior to the start of internship.

## Note(s):

- A 2.700 grade point average must be achieved in all the education courses for the major.
- All Montessori education courses must have a grade of "B" or above.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- E/RS Focus Elective requirement may be used to satisfy another element of the Core or the major.
- A minimum of 130 credit hours is typically required for the degree, with 120 hours as absolute minimum.
- An overall cumulative GPA of 2.500 is required for graduation.
- The Diversity Curriculum Electives may be used to satisfy other elements of the core or major.

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## Master of Education

### **Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed.**

#### Master of Education Degree in Montessori Education On Campus or Online

The Xavier University Montessori teacher education programs grant an American Montessori Credential and an Ohio Pre-Kindergarten to grade 3 licensure. The programs are affiliated with the American Montessori Society, and accredited by the Montessori Accreditation Council for Teacher Education.

The graduate program in Montessori education is based on a strong foundation in child development. This allows students the option of teaching in a public or private Montessori school, as well as in a traditional public or private school. The program prepares the student with an understanding of Dr. Montessori's philosophy in light of the education of the past and present. The Montessori curriculum courses prepare the student to teach practical life, art, music, movement, sensorial, math, language, geography, science and history. Child development is emphasized in courses EDME 563, EDME 559, and EDME 550 and is an integral part of all of the courses. Those holding a master's degree may obtain certification by planning a post-master's program with the director of the Montessori teacher education program.

Go to <http://www.xavier.edu/montessori-grad/admission.cfm> to reference admission requirements.

For online description, please see the fully online option description: Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed.\* \*(fully online option)

#### Requirements for the M.Ed. in Montessori Education (with no Ohio State License and no Montessori Credential)

33 total credit hours are required, as follows

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper \*
- EDME 508 - Early Childhood Overview
- EDME 509 - Phil/Obs of Lower Elem. Child
- EDME 563 - Human Development
- EDSP 505 - Foundations in ECSPED

The other twelve (12) hours can be taken from the following courses:

- EDME 560
- EDME 580
- EDME 581
- EDME 582
- EDME 583
- EDME 584
- EDME 585
- EDME 586
- EDME 587
- EDME 601
- EDME 602
- EDME 603
- EDME 604
- EDME 605
- EDME 606
- EDME 607
- or any other ED- approved prefix courses

Other Requirements:

- Student must complete BCI/FBI background checks in the first semester and each subsequent academic year.

Note(s):

\* The research paper should be completed in the area of early childhood education and an approved copy of the completed paper submitted to the director of the program for the departmental library.

## **Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed. (Fully Online Option)**

The graduate program in Montessori education is based on a strong foundation in child development. The program prepares the student with an understanding of Dr. Montessori's philosophy in light of the education of the past and present.

Admitted students earn a Master of Education with a Montessori focus while working with Montessori and education faculty who teach in Xavier's internationally known program.

Applicants who already have a MACTE-approved Montessori credential may be able to apply it toward 12 hours of the degree.

Students are uniquely enrolled with the online degree program and complete courses within this program solely.

Xavier University is not yet authorized to provide online education in all 50 states. Please consult the state authorization site via the Xavier University site for the listing of [approved states](#).

This program will not provide licensure in any state.

## Requirements for the M.Ed. in Montessori Education online program (with no Ohio State License and no Montessori Credential)

- Admitted students take a maximum of 33 credit hours over three semesters-or 18 months.
- Students with a MACTE-approved credential can spread their coursework over 12 months.
- Classes are entirely online and vary in format, including live lectures.
- As part of an online learning community, students collaborate and share ideas such as curriculum planning, assessment, classroom management and making teaching materials.
- Students interact closely with their professors and each other, communicating with other students from around the world.
- Professors hold weekly virtual office hours to maintain communication and an ongoing relationship with students.

## Curriculum for the M.Ed. in Montessori Education online program (with no Ohio State License and no Montessori Credential)

Students take the following courses for a maximum of 33 credit hours. Students with a MACTE-approved credential may be able to apply it toward 12 hours of the degree.

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper
- EDME 508 - Early Childhood Overview
- EDME 509 - Phil/Obs of Lower Elem. Child
- EDME 552 - Mont Curr Des & Te Strat: Pri
- EDME 557 - Montessori Language Enrichment
- EDME 558 - Math And Geometry Enrichment
- EDME 559 - Community & Advocacy in Educ
- EDME 563 - Human Development
- EDSP 505 - Foundations in ECSPED

### Notes:

Credentialed Montessori teachers may apply up to 12 hours of their MACTE-approved credential toward the following courses: EDME 552, 557, 558, 559.

## **Montessori Education (for Ohio four year resident educator License P-5 and American Montessori Society Early Childhood Credential - Ages 2.5 To 6), M.Ed.**

### Requirements for the M.Ed. in Montessori Education (with Ohio four year resident educator License P-5 and American Montessori Society Early Childhood Credential - ages 2.5 to 6)

#### Master of Education courses

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

#### Montessori Early Childhood Education courses

- EDME 550 - Observation/Assessment Methods
- EDME 551 - Montessori Ed: Phil Approach
- EDME 554 - Mont Language Arts & Read Meth
- EDME 559 - Community & Advocacy in Educ

- EDME 563 - Human Development
- EDME 564 - Early Childhood/Montessori Met
- EDME 576 - Phonics Skills for Early Child
- EDME 577 - Early Childhood Math & Science
- EDSP 505 - Foundations in ECSPED

## Ohio State Educator's License Courses for P-5 Primary License

- EDRE 512 - Reading Methods
- EDRE 678 - Literary Assess: Adm, Ana, App
- EDEL 251 - Instructional Technology

## Practicum Year courses

- EDME 566 - Mont Curr Des&Te Strat I: Ea C
- EDME 567 - Mont Curr Des&Te Strat II:Ea C
- EDME 673 - Mont Early Childhood Pract I
- EDME 674 - Mont Early Childhood Pract II

## Montessori Education, M.Ed.

The following Master of Education in Montessori Education program options are available. Please choose from the following:

- Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed.
- Montessori Education (for No Ohio State License and No Montessori Credential), M.Ed. (Fully Online Option)
- Montessori Education (for Ohio four year resident educator License P-5 and American Montessori Society Early Childhood Credential - Ages 2.5 To 6), M.Ed.

## Minors

### Montessori Education Minor

This 15 hour minor is an introduction to Montessori Education and does not grant an American Montessori Society Credential. This minor can be completed alongside any major.

## Courses

- EDME 350 - Observation/Assessment Methods
- EDME 351 - Montessori Ed: Phil Approach
- EDME 364 - Early Childhood/Mont Meth
- EDME 355 - Mont Cultural Subjects Method
- EDME 377 - Early Childhood Math & Science
- EDME 353 - Mont Math & Geometry Methods
- EDME 376 - Phonics Skills for Early Chldh
- EDME 354 - Mont Language Arts & Read Meth

## School of Education: Reading



# Master of Education

## Reading Specialist, M.Ed.

The degree of Master of Education with a concentration in Reading is a professional degree designed to meet the needs of licensed teaching professionals desiring to enhance their knowledge of the reading process with current theory and research and classroom application. This course of study is designed to prepare teacher candidates and classroom teachers to help students from preschool through high school to become effective, strategic readers who read and write enthusiastically and purposefully. It provides education and training for classroom teachers, media specialists, district literacy coaches, reading consultants, and reading supervisors.

Accordingly this degree is awarded to the candidate who has demonstrated a capacity for professional performance by satisfactorily completing the course of study designed to develop the following characteristics:

1. The ability to articulate and translate the interrelationship of reading, writing, speaking, listening, viewing and visually representing to classroom teaching and curriculum development.
2. The ability to work directly or indirectly with students of all grade levels who could benefit from advanced training in reading skills.
3. The ability to work with teachers, administrators, parents, and other professionals to improve and coordinate a school wide holistic reading program.

This program is also designed to meet the specifications of the International Reading Association, the National Council of Teachers of English, and State of Ohio course requirements for the Reading Endorsement. It also meets reading specialist licensure requirements in many states.

Go to <http://www.xavier.edu/reading/admission.cfm> to reference the admission requirements.

## Curriculum Prerequisites

These prerequisites are required if a candidate for the degree does not have a valid teaching certificate or current teaching license.

- EDRE 312 - Reading Methods or
- EDRE 512 - Reading Methods
  
- EDRE 314 - Reading Methods for Middle Chd or
- EDRE 514 - Reading Methods for Middle Chi
  
- EDRE 471 - Content Area Literacy or
- EDRE 671 - Content Area Literacy

## Note(s):

- The candidate should take an undergraduate course in children's literature or adolescent literature.
- In addition, the graduate candidate must have (or be in the process of completing) a valid Ohio teaching certificate or license.

## Requirements for the M.Ed. in Reading

The following coursework is required for the Master degree in Reading and meets the State of Ohio standards for the Reading Endorsement.

## MEd Core Requirements

(9 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

## Concentration Requirements

(21 credit hours)

15 hours required specifically with

- EDRE 569 - Phonics & Found of Literacy
- EDRE 671 - Content Area Literacy
- EDRE 672 - Theories of Reading
- EDRE 678 - Literary Assess: Adm, Ana, App
- EDRE 679 - Practicum in Reading

3 to 6 hours selected from the following Literature Elective List

- EDCH 501 - Advanced Children's Literature
- EDCH 505 - Storytelling as a Cultural Cra
- EDCH 515 - Adolescent Literature
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDCH 524 - Children's Literature
- EDCH 526 - Children's Lit for Middle Chil
- EDRE 676 - Teaching Writing Process

0 to 6 more hours selected, if needed, from

- EDEL 651 - Instr Strat For EL
- EDRE 675 - Current Research in Reading
- EDRE 685 - Teach Read Children w/SpC Need

Note(s):

- Students completing their studies for the M.Ed. in Reading must pass a comprehensive examination writing knowledgeably on the following areas of literacy: phonics, reading strategies, literacy development, reading theories, content area literacy, vocabulary acquisition, the reading process, and diagnosis and remediation of reading. The M.Ed. candidate may sit for the exam after earning 27 credit hours. Successful completion of the degree is contingent on passing the exam.

## Reading Endorsement Requirements

Those completing the M.Ed. in Reading Education with a valid Ohio teaching license may also want to add the Reading Endorsement to their teaching license. The endorsement has a 21 hour. course requirement: 15 hours of coursework in reading and 6 hours in reading electives (see list above); and **100 hours of documented field hours** in the area of reading. Master degree candidates may work on their degree and the endorsement simultaneously. After completion of the course requirements for the endorsement, the State of Ohio requires that the candidate take the Ohio Assessment for Education in Reading O38 (Subtest 1) and Reading O39 (Subtest II) and receive a passing score to have the endorsement added to a valid license. Information regarding testing dates, location sites, and sample questions for OAE may be found on the Ohio Assessment for Educators website. <http://www.oh.nesinc.com>

The following courses are currently required by the State of Ohio for the Reading Endorsement: \*

- EDRE 269 - Phonics & Foundation of Litera or
- EDRE 569 - Phonics & Found of Literacy
- EDRE 471 - Content Area Literacy or
- EDRE 671 - Content Area Literacy
- EDRE 672 - Theories of Reading
- EDRE 478 - Literary Assess: Adm, Ana, App or
- EDRE 678 - Literary Assess: Adm, Ana, App

- EDRE 679 - Practicum in Reading

And, choose two classes from the list below.

- EDCH 305 - Storytelling - Cultural Craft or
- EDCH 505 - Storytelling as a Cultural Cra
- EDCH 324 - Children's Literature or
- EDCH 326 - Children's Lit for Middle Chil
- EDCH 315 - Adolescent Literature
- EDCH 515 - Adolescent Literature
- EDCH 320 - Multi-Cultural Lit for Childrn or
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDME 562 - Phonics and Orton-Gillingham
- EDEL 651 - Instr Strat For EL
- EDRE 676 - Teaching Writing Process

Note(s):

- Ohio Assessments for Educators (OAE): You must pass two subject area concentration exams prior to student teaching. The "Principles of Learning and Teaching: 5-9" is taken during the student teaching semester. See OAE link at [www.xavier.edu](http://www.xavier.edu) .
- Grades 4-6 Middle Childhood Endorsements are an option for persons holding a Middle School license. See Requirements for generalist endorsement under B.S. for Middle School Education.
- The following core courses fulfill Master of Education requirements but are not required to complete the middle childhood license requirements. They can be taken at any time within the six year limit. Students take the Comprehensive Exam related to the three core courses during the last semester of graduate course work.
  - EDFD 500
  - EDFD 505
  - EDFD 507
  - EDFD 508

## School of Education: Secondary Education

The Secondary Education Program offers degree and teacher licensure programs approved by the Ohio Department of Education. All programs are accredited by the Council for the Accreditation of Educator Preparation (CAEP).

At the undergraduate level, the program offers a minor in Professional Education that combines with an appropriate Arts and Science Major leading to a teaching field and licensure.

At the graduate level, the Master of Education degree in Secondary Education and the Master of Arts degree in English Education or History Education are awarded. Concentrations for the Master of Education in Secondary Education include (Art, Biology, Chemistry, English, French, German, Greek, History, Latin, Mathematics, Music, Physics, Spanish, Theater, and Theology).

Teacher licensure programs - Adolescent to Young Adult (AYA grades 7-12) and Multi-Age (MA - grades pre k - 12) - are offered at the undergraduate and graduate levels leading to licensure in Art, Chemistry, English, French, German, Greek, Integrated Science, Latin, Life Science (Biology), Mathematics, Music, Physical Science, Physics, Spanish, Social Studies (History), Theater, or Theology. The Computer Technology endorsement is also available at the graduate level only.

The sections that follow outline the basic requirements for licensure. Specific brochures and rules for admission to these programs are available. Please note that courses required for licensure that are more than 10 years old may need to be repeated. Students who do not meet acceptable performance standards (including field experiences) may be excluded from specific programs.

## Summary of Steps for Admission and Continual Progress in Initial Licensure Programs

### Step One:

- An undergraduate student is accepted into the University based on high school grade point average ( SAT or ACT scores optional). Additional assessments may be required for initial licensure.
- A graduate student is accepted based on undergraduate GPA and a GRE score. See test waiver policy of the Graduate School.
- Student declares major or concentration.

### Step Two:

- Completion of Step One.
- Student completes first year at Xavier with a grade point average of 2.700 or higher.
- Required grades in following courses:
  - English 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Professional Education course (in licensure area) "B" or higher.
- The following items completed and filed with Education Office:
  - Moral Character form.
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

## Step Three:

- Completion of Step Two.
- Required grades for continuation through major/minor:
  - Overall grade point average of 2.700.
  - GPA of 2.700 in required major/minor courses (see program handbook for detailed information).
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching (see program requirements).

## Step Four:

- Completion of Step Three.
- Application for internship/student teaching is approved. All professional education and concentration courses must be completed for commencement of internship/student teaching semesters.
- Prior to internship, the Ohio Assessment for Educators (OAE) tests must be passed and results on file in Licensure/Certification Office of Education Department (see handbooks, advising sheets, or Xavier website for specific test titles and codes).

## Step Five:

- Successful completion of internship/student teaching including required program documentation.
- Successful completion and submission of teacher program portfolio.
- Licensure application materials complete and on file in Licensure/Certification Office.
- Successful completion of any Ohio examination(s) that is/are required to be completed during the student teaching semester.
- Completion of edTPA with required cut score.

## Master of Arts

### English Education, M.A.

#### Degree Requirements

30 total credit hours, as follows:

#### M.A. Core Requirements

9 credit hours:

- EDFD 500 - History/Philosophy of Am Educ
- EDMS 506 - Statistics for Education Research
- EDMS 507 - Planning for Educational Research
- EDMS 508 - Research Paper

## Remaining Hours

The remaining 21 hours consist of 18 hours taken from graduate level courses in English and 3 semester hours of electives that may be taken from any graduate level course in either Education or cognate concentration. Of those 21 hours, a maximum of 12 semester hours of Xavier University undergraduate courses (numbered 200 or higher) taken at the graduate level, with an earned grade of at least a B may be applied to this program. Undergraduate credit earned at other institutions, while not allowed to count towards degree requirements, can be used for the purposes of licensure.

## History Education, M.A.

### Degree Requirements

30 total credit hours, as follows:

### M.A. Core Requirements

9 credit hours:

- EDFD 500 - History/Philosophy of Am Educ
- EDMS 506 - Statistics for Education Research
- EDMS 507 - Planning for Educational Research
- EDMS 508 - Research Paper

## Remaining Hours

The remaining 21 hours consist of 18 hours taken from graduate level courses in History and 3 semester hours of electives that may be taken from any graduate level course in either Education or cognate concentration. Of those 21 hours, a maximum of 12 semester hours of Xavier University undergraduate courses (numbered 200 or higher) taken at the graduate level, with an earned grade of at least a B may be applied to this program. Undergraduate credit earned at other institutions, while not allowed to count towards degree requirements, can be used for the purposes of licensure.

## Master of Education

### Secondary Education, M.Ed.

Xavier University's secondary/K-12 teacher education program provides a strong foundation in liberal arts education and emphasizes the importance of individual, educational growth, and professional development. A student is prepared to become competent, professional secondary/K-12 educators through thorough classroom instruction and in-depth experience with practicing secondary/K-12 teachers.

A student may pursue a Master of Education degree alone, or a Master of Education degree with licensure or only licensure alone.

The M.Ed. program is intended for those who wish to obtain an advanced degree with general emphasis in course work connected to secondary education. Although a degree program can be arranged to support teacher licensure, this degree does not provide all the preparation needed to achieve teacher licensure. Please contact the Department of Secondary and Special Education for guidance.

### Requirements for the M.Ed. in Secondary Education

## 30 total credit hours, as follows

### MEd Core Requirements (9 credit hours)

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

### Remaining 21 hours

The remaining 21 hours will consist of 12 hours taken from graduate level professional education courses or subject content courses (e.g. art, biology, chemistry, classics, English, French, Spanish, history, math, music, political science, or theology). The remaining 9 semester hours may be taken from any graduate level course, as elective courses. The M.Ed. candidate is free to select courses that advance teaching in the secondary school.

A maximum of 12 semester hours of Xavier University undergraduate courses (numbered 200 or higher) taken at the graduate level, with an earned grade of at least a B, may be applied to this program. Undergraduate credit earned at other institutions, while not allowed to count towards degree requirements, can be used for the purposes of licensure.

## Comprehensive Exam Requirement

Finally, a student's Master Of Education degree will be awarded only to candidates who have passed an extensive written examination covering the four general survey courses. Should the student fail the comprehensive exam, it may be repeated only once.

## Course Sequence for Graduate Student Licensure

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 510 - Adv Human Develop & Learning
- EDSP 500 - Sp Ed: Identification & Issue
- EDRE 671 - Content Area Literacy
- EDMS 550 - Technology & Topics for Teache
  
- EDSP 580 - Classroom Management
- EDMS 411 - Clinical Experiences \*
- EDMS 670 - Student Teaching AYA or
- EDMS 671 - Student Teaching Multit-Age
  
- EDMS 680 - Secondary Student Teaching Sem

### Note(s):

- \*Taken for undergraduate credit only.
- Student must complete all coursework, field/clinical hours and pass all Praxis tests to apply for license.
- Student must complete 12 hours MasterCore requirements; 18 hours from Special Education coursework and pass Comprehensive exam for completion of degree.

## Minors

### Professional Education Minor

In adolescent to young adult or secondary (grades 7-12) and pre-K-12 multi-age programs, students have a major in their area reaching field and complete licensure requirements in professional education courses. Exceptions to this are the Music and Theater pre-K-12 programs where students major in Music Education and Theater Education, respectively.

A Professional Education minor is normally declared by an undergraduate who intends to achieve state licensure to teach at the pre-K-12 or 7-12 grade levels. The student must meet with a secondary education advisor for licensure requirements. The student retains his/her major area advisor for guidance in the major, University core and for all other purposes.

This minor requires the completion of 31 to 36 semester hours of education course work, including internship/student teaching, and a minimum GPA of 2.700 must be achieved. State licensure also requires the completion of prescribed courses in the teaching subject area, as well as all required state-mandated tests for teacher licensure. In order to complete the licensure sequence at the end of his/her bachelor's program, the undergraduate should begin the licensure sequence no later than the first semester of the sophomore year. Contact the Department of Secondary and Special Education for further information (513 745-3485).

All areas of concentration must take these foundation courses:

19 hours required from:

- EDFD 110 - Advanced Human Development
- EDMS 131 - Professional Education
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

Concentration areas:

15-20 hours required (complete 1 of the following 4 options)

### 1. Secondary Ed (7-12):

15 hours required, take one course from:

- EDMS 207 - World & Cultural Geography (also take EDMS 333)
- EDMS 325 - Meth/Curr/Asmt in World Lang
- EDMS 330 - Meth/Curr/Asmt in Mathematics
- EDMS 331 - Meth/Curr/Asmt in English Lang
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 333 - Meth/Curr/Asmt in Social St (also take EDMS 207)
- EDMS 335 - Meth/Curr/Asmt in Ancient Lang
  
- EDMS 470 - Student Teaching AYA and
- EDMS 480 - Secondary Student Teaching Sem

### 2. Languages (pre-K - 12):

15 hours required, take:

- EDMS 325 - Meth/Curr/Asmt in World Lang or
- EDMS 335 - Meth/Curr/Asmt in Ancient Lang

- EDMS 471 - Student Teaching: Multi-Age
- EDMS 480 - Secondary Student Teaching Sem

### 3. Music (pre-K - 12):

21 hours required, take:

- MUSC 221 - Elementary Methods
- MUSC 320 - Instrumental Methods
- MUSC 321 - Choral Methods
- EDMS 471 - Student Teaching: Multi-Age
- EDMS 480 - Secondary Student Teaching Sem

### 4. Theater (pre K-12):

21 credit hours

- EDMS 471 - Student Teaching: Multi-Age
- EDMS 480 - Secondary Student Teaching Sem

### 5. Visual Art (pre-K - 12):

15-18 hours required, take:

- EDMS 336 - Methods Curr & Assment in Art or
- ARTS 221 - Early & Middle Childhood Art and
- ARTS 223 - Secondary School Art
- EDMS 471 - Student Teaching: Multi-Age
- EDMS 480 - Secondary Student Teaching Sem

### Note(s):

- **Caution:** Please consult with the Director of Secondary Education for exact program details and specific State of Ohio teaching licensure requirements.

## Endorsement

### Computer Endorsement

Xavier University offers a Computer Endorsement which consists of 18 semester hours which may be added to an existing teaching license. Knowledge gained in each 100% paperless course can be immediately applied professionally. Tools used are cloud-based and free.

Required courses are as follows

- EDMS 570: Bring Your Own Device: 3 Semester Hours
- EDMS 572: Cloud Computing: 3 Semester Hours
- EDMS 574: Current Topics in Technology & Education: 3 Semester Hours
- EDMS 576: Gamification, Virtual Worlds & Alternate Reality in the Classroom: 3 Semester Hours
- EDMS 578: Instruction & Technology: Rigor, Relevance, Relationships & Accessibility: 3 Semester Hours
- EDMS 580 Online and Hybrid instruction and learning: 3 Semester Hours

## License



# Professional Education Licensure

## Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

## Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

### Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

### Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

### Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

## Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

## Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

# Secondary Education Licensure

## Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Board of Regents, for early childhood, middle childhood, secondary education, which includes multi-age, adolescent to young adult, intervention specialist (mild/moderate, moderate/intensive, gifted/talented [graduate program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for all secondary licensure areas, reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, undergraduate students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, Theater and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (K - 12) at the graduate level only is also offered. Intervention Specialist (Early Childhood) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

## Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Early Childhood
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

## Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

## Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.500 or higher.
- Required grades in following courses:
  - ENGL 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

### Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.500
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

### Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes). For Foreign Language, students must pass all applicable tests of the ACTFL test series with a rating of 'Intermediate-High' score.

### Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators and ACTFL, if applicable, results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.

## School of Education: Special Education

The Special Education Program offers degrees and teacher licensure programs approved by the Ohio Department of Education. All programs are accredited.

At the undergraduate level, the Special Education Program awards the Bachelor of Science degree in Special Education with licensure in Mild/Moderate Intervention Specialist, Moderate/Intensive Intervention Specialist, or Primary Intervention Specialist. Students throughout the university may choose a minor in Special Education in either an Education Track or a Disability Track. Students interested in Occupational Therapy can satisfy prerequisite requirements for graduate school admission while pursuing a licensure as a Primary Intervention Specialist.

At the graduate level, the department awards a Master of Education degree in Special Education and a Master of Science in Special Education. Graduate students seeking licensure choose between Mild/Moderate Intervention Specialist, Moderate/Intensive Intervention Specialist, Primary Intervention Specialist and endorsements in Pre-K Special Needs, Gifted/Talented, and Transition to Work. Master's degrees in Special Education without licensure are available.

## Summary of Steps for Admission and Continual Progress in Initial Licensure Programs

### Step One:

- Undergraduate students are accepted into the University based on high school grade point average and SAT or ACT scores.
- Graduate students are accepted base on undergraduate GPA and either GRE or MAT scores.
- Student declares major or concentration.

Specific brochures and rules for program admission and retention are available through the Office of Special Education Programs and the Office of Graduate Studies.

## Step Two:

- Completion of Step One.
- Student completes first year at Xavier with a grade point average of 2.700 or higher.
- Required grades in following courses:
  - English 101 "B" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Professional Education course (in licensure area) "B-" or higher.
- Following items completed and filed with Education Office:
  - "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

Step Three:

- Completion of Step Two.
- Required grades for continuation through major/minor:
  - Overall grade point average of 2.700.
  - GPA of 2.700 in required major/minor courses (see program handbook for detailed information).
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching (see program requirements).
  - Student maintains FBI/BCI fingerprint checks with approval to work with children.

## Step Four:

- Completion of Step Three.
- Application for internship/student teaching is approved. All professional education and concentration courses must be completed for commencement of internship/student teaching semesters.
- Prior to internship, the Ohio Assessment for Educators (OAE) test must be passed and results on file in Licensure/Office of Education Department (see handbooks or Xavier website for specific test titles and codes).

.Step Five:

- Successful completion of internship/student teaching including required program documentation.
- Successful completion and submission of teacher program portfolio.
- Licensure application materials complete and on file in Licensure Office.
- Successful completion of any Ohio examination(s) that is/are required by the program or license sought by the student.

## Bachelor of Science

### Special Education, B.S.

The following Bachelor of Science in Special Education program options are available. Please see the following:

- Special Education, B.S. with a Concentration In Primary Intervention Specialist (P-5)
- Special Education, B.S. with a Concentration in Mild/Moderate Intervention Specialist
- Special Education, B.S. with a Concentration in Moderate/Intensive Intervention Specialist

### Special Education, B.S. with a Concentration in Mild/Moderate Intervention Specialist

#### Bachelor of Science Degree in Special Education

The Special Education undergraduate teacher preparation programs are theory based with continual field application experiences. Students complete the degree with a foundation in liberal arts and in child centered learning/development intervention competencies.

## Requirements for the Special Education Major

### Undergraduate core curriculum requirements:

Undergraduate Core Curriculum , including

- English composition grade must be "B-" or better.
- Humanities area fulfilled per the major, with EDCH 324.
- Mathematics grades must be "C-" or better.
- Science requirements must be met with physical (PHYS) and biological (BIOL) sciences:
- Social Sciences requirements is included in the major (licensure) requirements.

### Note(s):

- A 2.700 cumulative average must be attained in the core curriculum for recommendation to teacher licensure program.

### Major Requirements:

#### Specific education courses

- EDFD 110 - Advanced Human Development
- EDEL 260 - Cultural Diversity In Educ
  
- EDEL 352 - Culturally Responsive Teaching
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods
- EDMS 350 - Technology & Topics for Educat
  
- EDEL 251 - Instructional Technology
- EDCH 324 - Children's Literature
  
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDSP 205 - Foundations in ECSPED
- EDSP 401 - Teaching Seminar
- EDSP 380 - Classroom Management
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 364 - DAP Instructional Materials

### Note(s):

- Grade of "B-" in curriculum courses.

### Concentration requirements:

## Mild/Moderate Intervention Specialist

- EDSP 360 - M/M Characteristics & Strategi
- EDSP 370 - M/I Characteristics & Strateg
- EDSP 362 - M/M Support Services
- EDSP 363 - Sp Ed: Assessment & Evaluation
- EDSP 376 - M/I Support Services
- EDSP 364 - DAP Instructional Materials
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 374 - Curr Prac:Moderate Disabilitie
- EDSP 389 - Prog Prac:Severe/Intensive Dis
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 372 - Communication Strategies & Tec
- EDSP 400 - M/M Student Teaching
- EDSP 402 - M/I Student Teaching
- EDSP 401 - Teaching Seminar

and 3 hours of a literature course

- EDCH 324 - Children's Literature

### Scheduling Notes:

- The E/RS Focus & Diversity Focus Electives are required, must receive approval for this course requirement from academic advisor.
- A minimum of 126 credit hours is typically required for the degree, with 120 hours as the absolute minimum.
- The sequence of courses in the program is subject to change and must be approved by academic advisor.
- Hours in parenthesis are field hours.

## Special Education, B.S. with a Concentration in Moderate/Intensive Intervention Specialist

### Bachelor of Science Degree in Special Education

The Special Education undergraduate teacher preparation programs are theory based with continual field application experiences. Students complete the degree with a foundation in liberal arts and in child centered learning/development intervention competencies.

### Requirements for the Special Education Major

#### Undergraduate core curriculum requirements:

Undergraduate Core Curriculum , including

- English composition grade must be "B-" or better.
- Humanities area fulfilled per the major, with EDCH 324.
- Mathematics grades must be "C-" or better.
- Science requirements must be met with physical (PHYS) and biological (BIOL) sciences:
- Social Sciences requirements is included in the major (licensure) requirements.

Note(s):

- A 2.700 cumulative average must be attained in the core curriculum for recommendation to teacher licensure program.

## Major Requirements:

### Specific education courses

- EDFD 110 - Advanced Human Development
- EDEL 260 - Cultural Diversity In Educ
- EDEL 352 - Culturally Responsive Teaching
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods
- EDMS 350 - Technology & Topics for Educat
- EDEL 251 - Instructional Technology
- EDCH 324 - Children's Literature
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDSP 205 - Foundations in ECSPED
- EDSP 401 - Teaching Seminar
- EDSP 380 - Classroom Management
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 364 - DAP Instructional Materials

### Note(s):

- Grade of "B-" in curriculum courses.

### Concentration requirements:

## Moderate/Intensive Intervention Specialist

(34 hours required) - take

- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 360 - M/M Characteristics & Strategi
- EDSP 370 - M/I Characteristics & Strateg
- EDSP 372 - Communication Strategies & Tec
- EDSP 373 - M/I Assessment & Evaluation
- EDSP 363 - Sp Ed: Assessment & Evaluation
- EDSP 376 - M/I Support Services
- EDSP 400 - M/M Student Teaching
- EDSP 402 - M/I Student Teaching
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 374 - Curr Prac:Moderate Disabilitie
- EDSP 389 - Prog Prac:Severe/Intensive Dis
- EDSP 401 - Teaching Seminar

and 3 hours of a literature course

- EDCH 324 - Children's Literature

## Scheduling Notes:

- The E/RS Focus & Diversity Focus&nbsp;Electives are required, must receive approval for this course requirement from academic advisor.
- A minimum of 126 credit hours is typically required for the degree, with 120 hours as the absolute minimum.
- The sequence of courses in the program is subject to change and must be approved by academic advisor.
- Hours in parenthesis are field hours.
- OAE Tests must be successfully completed.

## Special Education, B.S. with a Concentration In Primary Intervention Specialist (P-5)

### Bachelor of Science Degree in Special Education

The Special Education undergraduate teacher preparation programs are theory based with continual field application experiences. Students complete the degree with a foundation in liberal arts and in child centered learning/development intervention competencies.

### Requirements for the Special Education Major

#### Undergraduate core curriculum requirements:

Undergraduate Core Curriculum , including

- English composition grade must be "B-" or better.
- Humanities area fulfilled per the major, with EDCH 324.
- Mathematics grades must be "C-" or better.
- Science requirements must be met with physical (PHYS) and biological (BIOL) sciences:
- Social Sciences requirements is included in the major (licensure) requirements.

#### Note(s):

- A 2.700 cumulative average must be attained in the core curriculum for recommendation to teacher licensure program.

#### Major Requirements:

#### Specific education courses

- EDFD 110 - Advanced Human Development
- EDEL 260 - Cultural Diversity In Educ
- EDEL 352 - Culturally Responsive Teaching
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods
- EDMS 350 - Technology & Topics for Educat
- EDEL 251 - Instructional Technology
- EDCH 324 - Children's Literature



- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDRE 478 - Literary Assess: Adm, Ana, App
- EDSP 205 - Foundations in ECSPED
- EDSP 401 - Teaching Seminar
- EDSP 380 - Classroom Management
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 364 - DAP Instructional Materials

**Note(s):**

- Grade of "B-" in curriculum courses.

**Concentration requirements:**

**Primary Intervention Specialist (P-5)**

In the Bachelor of Science degree/licensure program, undergraduate students complete the requirements for both an Ohio licensure as a P-5 Primary Intervention Specialist and the Xavier Bachelor of Science degree. Licensure in the P-5 Primary Intervention program empowers the candidate with the knowledge and skills to be a competent teacher for students with exceptional learning needs in Pre K to 5<sup>th</sup> grade. Coursework in curriculum design, assessment, and reading combine with content preparation in all subject areas of study. Embedded in Jesuit tradition the Xavier teacher candidate is prepared to advocate for children with special needs. Fieldwork in a diversity of local urban, rural, public, and private schools begins in the Freshman year and culminates with student teaching.

**(40 hours required)**

- EDSP 364 - DAP Instructional Materials
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 372 - Communication Strategies & Tec
- EDSP 376 - M/I Support Services
- EDSP 381 - Play & Its Role in Dev & Learn
- EDEC 230 - Play in Early Childhood Educ
- EDSP 391 - EDSPEP Primary Learn & Theory
- EDSP 392 - ECSPED Primary: Observ & Asmt
- EDSP 393 - ECSPED: Primary Curr & Pract
- EDSP 403 - P-5 Prim Interv Spec Stud Teac
- EDME 355 - Mont Cultural Subjects Method

**Note(s):**

- A 2.750 cumulative average must be attained in all the education courses for recommendation for teacher licensure.

**Scheduling Notes:**

- The E/RS Focus & Diversity Focus Electives are required, must receive approval for this course requirement from academic advisor.
- A minimum of 132 credit hours is typically required for the degree, with 120 hours as the absolute minimum.
- The sequence of courses in the program is subject to change and must be approved by academic advisor.
- Hours in parenthesis are field hours.
- OAE must be successfully completed..

**Optional: Intervention Specialist P-5 with OT Prerequisites for Doctoral Proram**

- EDFD 110 Human Development or Psyc 231 Developmental Processes
- Writing Elective in General or HESA II0 Medical Terminology (writing flag)
- EDSP 201 Intro to Emotionally Disturbed Child or PSYC 277 Abnormal Psychology
- Math 211 or Math 156 Stats
- General Elective or EXCS 200 Kinesiology
- Biology 130 and Lab Biology 131 or Bio 140/141 Anatomy and Physiology with Lab1
- Science Perspective (Physics 100 level) or Bio 142/143 Anatomy and Physiology Lab 2
- Physics 116/117 ( 3 credit) or College Physics 1 with Lab (4 credit) 160/161
- General Elective or Bio 204 Neuroscience
- General Elective or Introduction to Sociology

## Master of Education

### Special Education, M.Ed.

#### Master of Education in Special Education

The M.Ed. program in Special Education is intended for those who wish to obtain an advanced degree with general emphasis in course work connected to special education. Although a degree program can be arranged to support teacher licensure, this degree does not provide all the preparation needed to achieve teacher licensure. Please contact the Special Education Program for guidance.

#### Requirements for the M.Ed. in Special Education

The Master Degree in Education in Special Education allows a student to advance their professional development with a focus on specific areas of special education. With the assistance of a special education advisor, a student will plan a 30 hour degree program that consists of the 9 hour Education M.Ed. core and 21 hour concentration of special education courses.

#### 9 hour core requirements

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

#### 21 hour concentration in Special Education

Students with an advisor from the Special Education Programs will plan an 21 hour concentration of special education courses for the Master in Education Degree. These courses may come from the following special education licensure programs.

#### Licensure/Endorsement Areas in Special Education

- Intervention Specialist License: Mild/Moderate, Moderate/Intensive, Primary Intervention Specialist (P-5), Gifted/Talented
- Endorsements: Pre-Kindergarten Special Needs, Gifted Talented, Transition to Work

#### Comprehensive Exam Requirement

Finally, a student's Master of Education degree will be awarded only to candidates who have passed an extensive comprehensive examination of the education core and concentration courses. Students may schedule this exam during their last semester of course work. Should the student fail the comprehensive exam, it may be repeated only once.

# Graduate Level Licensure Areas for Special Education

The Special Education graduate teacher preparation programs are theory based with continual field application experiences. Students complete the licensure program with competencies in student centered learning/development interventions. Students must possess a bachelor's degree and must meet the Special Education Program requirements for admission. Student must consult with the Program Director of Special Education for program advising. Each licensure, we will work with you, and endorsement area has its own unique requirements as indicated by the State of Ohio guidelines. It is recommended that those interested in a licensure or endorsement to contact the Special Education Programs for licensure and endorsement advising.

## Notes:

The University is not obliged to recommend licensure of any type on the basis of the completion of a Master of Education degree or specific course work in education, Students must also meet leadership, communication, and character requirements and pass the required Ohio Assessment for Education and Teacher Performance Assessment tests of the State of Ohio Department of Higher Education for each specific license.

## Master of Science

### Special Education, M.S.

The MS in Special Education is a more widely sought program by people seeking information regarding disabilities without intent for licensure which might include other related health service providers. It is also an additional means for someone who already has a MEd to obtain an additional degree. The MS has a scientific view of education and also provides an avenue for students outside of the field of education.

## Outcomes

- Candidates demonstrate challenging expectations for individuals with exceptionalities to develop the highest possible learning outcomes and quality of life potential in ways that respect their dignity, culture, language, and background.
- Candidates demonstrate a high level of professional competence and integrity and exercising professional judgment to benefit individuals with exceptionalities and their families.
- Candidates will promote meaningful and inclusive participation of individuals with exceptionalities in their schools and communities.
- Candidates will develop relationships with families based on mutual respect and actively involving families and individuals with exceptionalities in decision making.
- Candidates will use evidence, instructional data, research, and professional knowledge to inform practice.
- Candidates will practice within the professional ethics, standards, and policies of CEC; upholding laws, regulations, and policies that influence professional practice; and advocating improvements in laws, regulations, and policies.

## Curriculum

30 Credit Hours, including

### Special Education Core

9 credit hours

- STAT 516 - Introduction to Statistics or
- EDMS 506 - Statistical Methods
  
- EDSP 617 - Administrative Partnerships
- EDSP 618 - Qual & Quant Research
- EDSP 619 - SPED: Research Paper

### Special Education Electives

21 hours from:

- EDSP 500 - Sp Ed: Identification & Issue
- EDSP 501 - Intro to Emotionally Dist Chil
- EDSP 503 - Sp Ed: Comm & Collaboration
- EDSP 505 - Foundations in ECSPED
- EDSP 556 - Resources in Trans. Ed & Serv
- EDSP 560 - M/M Characteristics & Strategi
- EDSP 563 - Sp Ed: Assessment & Evaluation
- EDSP 564 - DAP Instructional Materials
- EDSP 567 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 570 - M/I Characteristics & Strategy
- EDSP 572 - Comm Strategies & Techniques
- EDSP 573 - M/I Assessment & Evaluation
- EDSP 580 - Classroom Management
- EDSP 581 - Play & Its Role in Dev & Learn
- EDSP 583 - Res Mat & Tech: Gift/Talent
- EDSP 616 - Philosophy & Cultural Diversit

## Minors

### Special Education Minor

The Special Education program is offering a minor for students who are not training to be Special Education Interventionists but want the information regarding disabilities to better perform their duties as nurses, social workers, psychologists, teachers, etc will welcome the opportunity to gather additional skills that will support their future careers. The Special Education Minor-Education track is for educators who want to learn more about servicing students with special needs but do not intend to become intervention specialists who are responsible for the education of students with disabilities. If this student later determines that they do wish to pursue a license or endorsement in special education, then these courses would lend themselves to that opportunity as well. The Special Education licensure in the State of Ohio is a teaching license, requires a state licensing exams and student teaching, whereby the minor does not. The Special Education Minor-Disability track is for professionals outside of education who intend to service populations that may include individuals with special needs such as social workers, medical professionals, criminal justice majors, etc. To formalize the minor, individuals need to have it noted on their academic transcripts.

The courses described below offer the necessary knowledge needed to work with individuals with special needs. Eligibility for the Special Education Minor requires an undergraduate acceptance into the university and acceptance into the Xavier Special Education Minor program. Xavier University's Special Education Minor includes 18 undergraduate credit hours and requires documented field hours.

The following courses are required for the minor and students be invited to choose which track that would like to participate in-Special Education Minor--teaching track or the disability awareness track.

### Special Education Minor - Education Track

- EDFD 110 - Advanced Human Development
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 205 - Foundations in ECSPED
- EDSP 360 - M/M Characteristics & Strategi
- EDSP 380 - Classroom Management

### Special Education Minor - Disability Track

- EDFD 110 - Advanced Human Development
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 372 - Communication Strategies & Tec

Special Education Electives available for the Disability Track include the following courses:

- EDSP 203 - Sp Ed: Comm & Collaboration

- EDSP 362 - M/M Support Services

## **Endorsement**

### **Gifted and Talented Endorsement**

Xavier University Special Education Programs offers a Gifted and Talented Endorsement which consists of 18 semester hours which may be added to an existing teaching license. Knowledge gained in each course can be immediately applied professionally.

#### **Required courses are as follows**

- EDSP 582 - Gifted/Talented Chara & Strat
- EDSP 583 - Res Mat & Tech: Gift/Talent
- EDSP 584 - G/T Assessment & Instruction
- EDSP 585 - G/T Program Design & Practices
- EDSP 586 - G/T Program Design & Pract II
- EDSP 605 - G/T Teaching Practicum

### **Pre-K Special Needs Endorsement**

Xavier University Special Education Programs offers a PreK Special Needs Endorsement which consists of 18 semester hours which may be added to an existing teaching license. Knowledge gained in each course can be immediately applied professionally.

#### **Required courses are as follows**

- EDSP 503 - Sp Ed: Comm & Collaboration
- EDSP 505 - Foundations in ECSPED
- EDSP 581 - Play & Its Role in Dev & Learn
- EDSP 591 - ECSPED Learning Theories
- EDSP 592 - ECSPED: Observation & Asmt
- EDSP 593 - ECSPED: Curriculum Practices
- EDSP 607 - GT Endorsement Practicum

### **Transition to Work Endorsement**

Xavier University Special Education Programs offers a Transition to Work Endorsement which consists of 18 semester hours which may be added to an existing teaching license. Knowledge gained in each course can be immediately applied professionally.

#### **Required courses are as follows**

- EDSP 551 - Hist, Theory & Prac Transition
- EDSP 553 - Asmt&Prog Plan Transition Ed
- EDSP 554 - Cog & Soc Skills - Transition
- EDSP 555 - Com/Coll Partship Trans Ed&Ser
- EDSP 556 - Resources in Trans. Ed & Serv
- EDSP 557 - Transitions: Field Practicum

## **License**

# Special Education Licensure

## Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Department of Higher Education, for primary education, middle childhood, multi-age, adolescent to young adult (secondary), intervention specialist (mild/moderate, moderate/intensive, gifted/talented [program only], and early childhood intervention specialist) teaching, as well as American Montessori Society certification in Montessori preprimary and primary teaching. In addition, students can acquire a license at the graduate level for reading, counseling, administration and special education.

The following pages outline the requirements for these licenses. Specific brochures on these programs are available and give suggested sequences of courses and rules for admission to the program. Please note that courses required for licensure which are more than 10 years old may need to be repeated. In adolescent to young adult (grades 7 - 12) and pre-K - 12 teaching, students take a major in their area field and complete licensure requirements in professional education courses. Adolescent to young adults (grades 7 - 12) teaching licenses can be attained in the following subject fields: Integrated Language Arts, Integrated Mathematics, Integrated Social Sciences, Life Sciences, Life/Chemistry, Life/Physics and Physical Sciences (Chemistry/Physics). Multi-age (grades Pre-K - 12) teaching licenses can be attained in the following subject fields: Foreign Language (French, German, Greek, Latin or Spanish), Music, and Visual Arts. Intervention Specialist for grades K - 12 are available in mild/moderate educational needs and moderate/intensive educational needs. These are undergraduate or graduate programs. A licensure program (Pre-K - 12) at the graduate level only is also offered. Intervention Specialist (P-5) licensure can be fulfilled at the undergraduate and graduate levels. Endorsements (Pre-Kindergarten Special Needs, Transition To Work, Gifted/Talented) may be added to an existing specific license on the graduate level. Need to consult Special Education Programs for specific details.

## Teacher Education Program

Steps for Admission and Continual Progress for Licensure in the Following Programs:

- Primary Education
- Early Childhood/Montessori
- Middle Childhood
- Professional Education
- Special Education
- School Nurse Licensure

### Step One:

- Student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Nontraditional student with no college admission scores will substitute PRAXIS 1 as entry test in order to declare major or minor.
- Potential candidate declares major.

### Step Two:

- Potential candidate completes first year at Xavier with a grade point average of 2.7 or higher.
- Required grades in following courses:
  - ENGL 101 "B-" or higher.
  - Mathematics (as placement dictates) "C" or higher.
  - Introductory Education course (program dictates) "B" or higher.
- Following items completed and filed with Education Office:
  - Notarized "Statement of Moral Character".
  - "Application for Admission" form.
  - "Reflection Question" form.
- Student is notified of acceptance into chosen program.

### Step Three:

- Required grades for continuation through major/minor: detailed information.
  - Grade of "C" or higher in second mathematics course.
  - Overall grade point average of 2.7
  - Grade of "B" or higher in required curriculum courses
  - Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
  - Evaluation forms completed by University personnel and field work cooperating teachers indicate progress in development of knowledge, performance skills, and dispositions for teaching.

### Step Four:

- Application for internship/student teaching is approved. All foundation, methods, block courses, and majority of subject concentration courses must be completed for commencement of internship semester/s.
- Prior to internship, one of two/three or more required Ohio Assessment for Educators must be passed and results on file in Certification Office of Education Department (see handbooks or Education Office for specific test titles and codes).

#### Step Five:

- Successful completion of internship/student teaching in Early, Middle, Professional or Special Education:
  - Record of on-site visits by University supervisor.
  - Midterm and final evaluations from cooperating teacher and field supervisor.
  - Two conferences with University supervisor and cooperating teacher.
- Successful completion of exit portfolio.
- Ohio Assessment for Educators results on file in Certification Office.
- Licensure application materials complete and on file in Certification Office.
- Successful FBI/BCI checks on file.

## School of Education: Teaching of English to Speakers of Other Languages (TESOL)

### Master of Arts

### Global TESOL, M.A.

#### Program begins Summer 2024.

The Master of Arts in Global Teaching of English to Speakers of Other Languages (TESOL) will offer graduate students from around the world a theoretical and practical approach to English learning. A 36-credit program, this asynchronous program is based on a two-year cohort model, which will run year-round, starting every other year. All courses will be condensed, eight weeks in length, and run consecutively. The primary goal of the M.A. in Global TESOL is to develop a complex understanding of the multifaceted nature of global education, the intersecting systems behind it, and the role of global education practitioners in K-12 and higher education internationalization. Students from multiple countries can build partnerships globally as they participate in a cohort model. Licensed Ohio teachers will earn the TESOL endorsement during the program.

### Curriculum

#### Required Courses

- EDTS 500- Evolution of Language/History of Literacy Education
- EDTS 501- Structure of Language and English Grammar
- EDTS 502- Sociolinguistics and Discourse Analysis
- EDTS 503- Linguistic Anthropology and the Study of English
- EDTS 504- Theory/Pedagogy of Second Language Acquisition
- EDTS 505- Methods of Teaching English
- EDTS 506- Curricular Context and Design
- EDTS 507- Methods of Assessments
- EDTS 508- Internship/Field Work
- EDTS 520- Masters Thesis - Research I
- EDTS 521- Masters Thesis - Research II

#### Elective Courses

Choose one:

- EDTS 530- Politics of Language Education
- EDTS 531- Multilinguistic
- EDTS 532- Social Media and Language
- EDTS 533- Foundations of United States TESOL

# Master of Education

## Teaching English to Speakers of Other Languages, M.Ed.

The degree of Master of Education with a concentration in The Teaching of English to Speakers of Other Languages (TESOL) is a professional degree designed to meet the needs of licensed teaching professionals and other professionals desiring to enhance their knowledge of teaching English Learners with current theory and research as well as classroom application. This course of study is designed to prepare teacher candidates, classroom teachers, and other professionals to help students of all levels to become effective, strategic language learners who can speak, listen, read, and write effectively and purposefully in English. It provides training for classroom teachers, non-profit workers, English language tutors, and district TESOL coaches.

- Teachers with a valid Ohio teaching license can add this endorsement in order to teach in K-12 schools. In other words, the graduate candidate for the endorsement must have (or be in the process of completing) a valid teaching certificate or license.
- Professionals without a valid Ohio teaching license can earn a certificate, allowing them to teach in non-school settings and/or tutor.

Accordingly, this degree is awarded to the candidate who has demonstrated a capacity for professional performance by satisfactorily completing the course of study designed to develop the following characteristics:

1. The ability to articulate and translate the interrelationship of language skills in reading, writing, speaking, and listening to classroom teaching and curriculum development.
2. The ability to work directly or indirectly with English learners of all ages who could benefit from furthering their English language skills.
3. The ability to work with teachers, family members, administrators, and other professionals to improve and coordinate the total TESOL program of a school or organization.

This program is also designed to meet the specifications of the TESOL International Organization and State of Ohio course requirements for the TESOL Endorsement. It also meets TESOL licensure requirements in many states.

Go to <http://www.xavier.edu/reading/admission.cfm>

## Requirements for the M.Ed. in TESOL

The following coursework is required for the Master degree in TESOL and meets the State of Ohio standards for the TESOL Endorsement and the Xavier University TESOL certificate.

### MEd Core Requirements

9 credit hours

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper

### Concentration Requirements

18 hours required specifically

- EDRE 569 - Phonics & Found of Literacy
- EDEL 650 - Foundations of TESOL
- EDEL 651 - Instr Strat For EL
- EDEL 652 - Culturally Responsive Teaching
- EDEL 653 - Effective Assessment Practices
- EDEL 654 - Aspects of Language and Socio

3 hours selected as a Graduate Level Elective Course (500-level or higher)

Note(s):



- Students completing their studies for the M.Ed. in TESOL must pass a comprehensive examination and must be able to write knowledgeably on the following areas of TESOL: phonics and phonemic awareness, the core foundations of second language acquisition, cultural transmissions and legal requirements, cultural competence and teaching strategies, assessments, and language transfer. The M.Ed. candidate may sit for the exam after completing 27 hours. Successful completion of the degree is contingent on passing the exam.

## Certificate

### Teaching English to Speakers of Other Languages Certificate (Undergraduate)

As populations in the United States become more diverse both linguistically and culturally, the need for individuals working with non-English speaking people who are knowledgeable and skilled in serving these populations is essential. The courses offer the necessary knowledge needed to work with English Language Learners and obtain a TESOL certificate. The TESOL certificate is available to anyone working on an undergraduate degree and is accepted at Xavier. Xavier University's TESOL certificate includes 18 undergraduate credit hours and requires 50 documented field hours.

## Required Courses

- EDRE 269 - Phonics & Foundation of Litera
- EDEL 350 - Foundations of TESOL
- EDEL 351 - Instruct Strat for EL
- EDEL 352 - Culturally Responsive Teaching
- EDEL 353 - Effective Assessment Practices
- EDEL 354 - Aspects of Lang & Socioling

## School of Psychology

The School of Psychology offers the Bachelor of Science and the Associate of Science degrees at the undergraduate level. Also offered is an undergraduate minor in Psychology. At the graduate level, the Master of Arts in General Experimental Psychology as well as the Doctor of Psychology in Clinical Psychology degrees are offered.

The School's Mission Statement: In keeping with the Jesuit, Catholic, liberal arts tradition, the School of Psychology educates students in the science of behavior and mental processes with sensitivity toward the diversity of all people so students may use psychological knowledge and insight to address human concerns.

For admission information for the graduate level programs, go to <http://www.xavier.edu/graduate-admission/admission/index.cfm> on the Xavier University website.

The doctoral program in clinical psychology is accredited by the APA Office of Program Consultation and Accreditation, 750 First Street, NE, Washington DC 20002-4242, Phone 202-336-5500

## Bachelor of Science

### Psychology, B.S.

The Department of Psychology endeavors to acquaint students thoroughly with the content and methods of scientific psychology. While emphasizing the scientific approach to the understanding of human behavior and human personality, the psychology courses aim to show the student that this branch of science is complementary to and compatible with a sound philosophy of human nature. In addition to the program leading to the Bachelor of Science, the department provides courses in the University Core Curriculum. The Bachelor of Science program in Psychology aims to provide a general background for career and/or advanced studies in fields which presuppose understanding of human behavior, such as clinical/counseling psychology, industrial-organizational psychology, medicine, education, social work, and law.

## Requirements for the Psychology Major

### Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including:

## Mathematics

- MATH 120 - Elementary Functions
- MATH 140 - Concepts of Calculus

## Philosophy:

An additional Philosophy 300 level elective of 3 credit hours beyond core requirements.

## Science:

- BIOL 102 - Life: Human Biology
- BIOL 132 - Life: Human Biology Lab

Along with the following included in the major:

- PSYC 221 - Research Meth & Design I
- PSYC 222 - Research Meth & Design II
- PSYC 223 - Research Meth & Design I Lab
- PSYC 224 - Research Meth & Design II Lab

## Major requirements:

38 credit hours, as follows

26 hours of required psychology courses from:

- PSYC 130 - Psychology Science Perspective
- PSYC 131 - Psych-Science Perspective Lab
- PSYC 200 - Orientation to the Major
- PSYC 210 - Statistical Techniques
- PSYC 212 - Computer Statistical Analysis
- PSYC 221 - Research Meth & Design I
- PSYC 223 - Research Meth & Design I Lab
- PSYC 222 - Research Meth & Design II
- PSYC 224 - Research Meth & Design II Lab
- PSYC 231 - Developmental Psychology
- PSYC 261 - Social Psychology
- PSYC 277 - Psychological Disorders
- PSYC 301 - History&Systems of Psychology

3 hours of Advanced Topics in Psychological Science

- PSYC 379 - Test & Measures in Psych
- PSYC 426 - Physiological Psychology
- PSYC 427 - Cognitive Psychology
  
- PSYC 460 - Learning and Behavior

## 6 hours of psychology electives selected from:

- PSYC 232-498 (Refer to Course Descriptions.)

## 3 hours of Psychology Capstone

- PSYC 499 - Capstone in Psych Science

## Note(s):

- A 2.000 cumulative average must be attained in these psychology courses.
- Majors must attain a C- or above in Statistical Techniques lecture and lab (PSYC 210/212), and Research Methods and Design I (PSYC 221/223) and BIOL 102/132, . Students who fail to earn a C- will have to retake the course(s).
- Majors must attain a grade of C in PSYC 130, and PSYC 131
- Students should consult the department's "Careers in Psychology and Course Electives" for recommendations about which elective courses to consider for different career tracks (i.e., graduate school, social service employment, general business, etc.). Students should also discuss their career aspirations and elective choices with their faculty advisor. Students must maintain contact with a departmental advisor each semester to aid in course selection, planning, and scheduling.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.S. Psychology

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- BIOL 102 Life: Human Biology
- BIOL 132 Life: Human Biology Lab (Natural Science Perspective) **OR**
- PSYC 130 Psychology Science Perspective
- PSYC 131 Psych-Science Perspective Lab (Scientific Perspective)
- CORE 100 First Year Seminar
- CORE 101
- MATH 105 or 120

140 (if tested into 150 or 170)

- Second Language
- ENGL 101 English Comp **OR** 115 Rhetoric

Total (15)

### Second Semester

- BIOL 102 Life: Human Biology
- BIOL 132 Life: Human Biology Lab (Natural Science Perspective) **OR**
- PSYC 130 Psychology Science Perspective
- PSYC 131 Psych-Science Perspective Lab (Scientific Perspective)

- PSYC 200 Orientation to the Major
- PSYC 231/261/277 Dev/Soc/Ab Psych (Social Sciences Elective)
- MATH 140 Concepts of Calculus (Mathematical Perspective)
- Second Language (up to 201 level)
- CORE 102
- Creative or Historical Perspective

Total (16)

## Sophomore Year

### First Semester

- PSYC 210 Statistical Techniques (Quantitative Flag)
- PSYC 221 Research Methods & Design I
- PSYC 223 Research Methods & Design I Lab&nbsp;(Writing flag)
- PSYC 231/261/277 Dev/Soc/Ab Psych
- PHIL 100 Intro to Ethics
- Creative or Historical Perspective

Total (15)

### Second Semester

- PSYC 212 Statistical Techniques Lab
- PSYC 222 Research Methods & Design II
- PSYC 224 Research Methods & Design II Lab (Oral flag)
- PSYC 231/261/277 Dev/Soc/Ab Psych
- THEO 111 The Ignation Imagination
- ENGL 205 Lit & Moral Imagination **OR** CLAS 205 Class. Lit & Moral Imagination
- PHIL 200 Elective

Total (16)

## Junior Year

### First Semester

- PSYC Elective
- PSYC 460 Learning & Behavior **OR** PSYC 427 Cognitive Psych
- THEO 200 Elective
- Diversity flag elective course
- General University elective

Total (15)

### Second Semester

- PSYC Elective
- PHIL 300 Elective (Humanities elective)
- General University elective
- General University elective/Minor
- General University elective/Minor

Total (15)

## Senior Year

### First Semester

- PSYC 301 History & Systems in Psych
- PSYC 499 Senior Comp. Revie (f or sp)
- General University elective/Minor
- General University elective/Minor
- General University elective/Minor

Total (15)

### Second Semester

- E/RS elective course
- CORE 499 Reflection on XU Core
- General University elective/Minor
- General University elective/Minor
- General University elective/Minor
- General University elective/Minor

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- The University core Social Science electives are fulfilled within the major requirements.
- \* See section "[Requirements for the Psychology Major.](#)"

## Associate of Science

### Psychology, A.S.

#### Undergraduate core curriculum requirements:

Undergraduate Core Curriculum

#### Concentration requirements:

15 credit hours, as follows:

3 hours required from:

- PSYC 101 - General Psychology

12 hours of electives from:

- PSYC 210 - Statistical Techniques
- PSYC 221 - Research Meth & Design I and
- PSYC 223 - Research Meth & Design I Lab
  
- PSYC 231 - Developmental Psychology
- PSYC 332 - Child Psychology or
- PSYC 367 - Psychology of Aging
  
- PSYC 261 - Social Psychology
- PSYC 366 - Crime & Personality
- PSYC 277 - Psychological Disorders
- PSYC 301 - History&Systems of Psychology
- PSYC 321 - Industrial-Organizational Psyc
- PSYC 379 - Test & Measures in Psych

Note(s):

- A 2.000 cumulative average must be attained in theses psychology courses.
- For more information on the associate degree, contact the School of Psychology.

## Requirements for all Associate's Degrees

See Requirements for Degrees, Majors, Minors, and Certificates

## Master of Arts

### Psychology, M.A.

The degree of Master of Arts in Psychology is designed as a general experimental psychology track to prepare students for employment in a related field and/or to continue their graduate studies at the doctoral level. Students attend on a full-time basis.

Students must maintain a semester grade point average of 3.000 or higher to remain in good standing. The degree of Master of Arts in Psychology will be awarded only to candidates who have completed all coursework and attained a GPA of 3.000 or higher and have both successfully defended their thesis and demonstrated their knowledge of the general field of psychology during an oral comprehensive exam. The oral exam is administered in the spring semester of the second year. There is a 6-year time limit to complete all program requirements. If the thesis has not been defended after the second year of enrollment in the Master's program, the student is expected to be enrolled in PSYC 790 , Continuous Major Research (3 credit hours) each Fall and Spring semester until the thesis is defended and deposited in the library or the student has reached the 6 year limit for the Master's program.

## Admission Requirements

In order to apply, all materials must be received by the annual February 1st deadline.

Go to <http://www.xavier.edu/psychology-grad/experimental-admission.cfm> to reference the specific admission requirements.

## Summary List of Admission Requirements for MA in Psychology

To be eligible for admission, applicants should submit the following items to the School of Psychology before the February 1st deadline:

1. A completed application form either by paper or on-line at <https://www.xavier.edu/apply/grad/>.
2. Non-refundable \$35.00 application fee.
3. One copy of all official transcripts from all previous colleges and universities attended. (A minimum 3.000 overall undergraduate grade point average (on a 4.0 scale) and a minimum 3.000 average in all Psychology courses is required.)
4. Three letters of recommendation.
5. Resume or vita.
6. A written personal statement (2-3 pages) that provides the opportunity to introduce yourself to the School and give reasons for pursuing a graduate degree at Xavier, as well as possible plans after completion of studies.
7. GRE scores: General Knowledge (verbal, quantitative and analytical) area is required. Psychology Subject Test is required for those without psychology as their undergraduate major or minor.
8. A completed Application for Financial Assistance form for possible financial aid, if interested.
9. Any other information that might aid in the selection process.

A minimum of 18 semester undergraduate hours in psychology is required which must include courses in general psychology, statistics, research methods class, and psychology tests and measurements. Courses in college mathematics are also recommended as a preparation for graduate studies. An undergraduate course in industrial-organizational psychology is necessary for students pursuing the industrial/-organizational program. At times, a personal interview may be required by the Admissions Committee of the School of Psychology. Any other questions regarding the program should be directed to the School of Psychology Assistant Director for Enrollment and Student Services at 513 745-1053, or the Director of the specific program to which the student intends to apply.

## Grading Policy

Grades are based on a student's performance meeting the standards established and communicated in writing by the professor of the course. A semester grade point average of 3.000 or higher is required for a student to remain in good standing. Any student whose semester (Fall, Spring, Summer) GPA falls below 3.000 or who earns a grade of "C (including C+)" or "F" in any 2 credit hour course will be placed on "WARNING" by the Dean of the College of Professional Sciences and remains on WARNING throughout the remainder of the program. Once on warning, any student whose semester (Fall, Spring, Summer) GPA falls below a 3.000 may be dismissed. In addition, once on warning, any student who earns a grade of "C" or "F" in any course is subject to dismissal. A student who earns a grade of "C" or lower in 4 hours or more of course credit in one semester may be subject to dismissal immediately. The following interpretation of letter grades is used by the department A=excellent, B=good, C=minimal, and F=failure. Faculty may use a +/- system in grading. Students receiving a "C" in a course may be required to retake the course or do additional work to satisfy specific deficiencies. This will be determined by the professor of the course and will be discussed with the student and his/her advisor. The student may be required to register for a one hour tutorial (PSYC 900) to complete the necessary remedial work, for which he/she must earn a grade of "Pass" to fulfill the requirements for the additional work. The work must be completed by the student during the following academic semester. Students receiving an "F" in a course are required to retake the course. A cumulative GPA of 3.000 or higher is required for graduation, based on a 4.000 scale. An A=4 points, a B=3 points and a C=2 points. Pluses and minuses alter the merit points by .3.

## Requirements for M.A. in Psychology

The program embraces a 45-credit hour requirement extending over two full-time academic years. Three themes run through the program and are reflected below:

### 1. General Psychology

Four core courses that help assure basic knowledge within the general field of psychology (12 credit hours).

PSYC 506 - Social Aspects of Behavior

PSYC 509 - Cognitive Aspects of Behavior

PSYC 502 - History & Philosophical Issues

PSYC 608 - Integrative Life Span Psychology

### 2. Research

Other core courses reflect the importance of a research foundation in psychology (15 credit hours).

PSYC 511 - Advanced Statistics I

PSYC 512 - Advanced Statistics II

PSYC 520 - Computer Statistical Language I

PSYC 521 - Computer Statistical Language II

PSYC 621 - Advanced Research Design & Analysis

PSYC 699 - Master's Thesis (6 credit hours)

### 3. General Experimental Concentration

18 credit hours of related elective courses to fit student's professional interests.

### Thesis

The required thesis carries 6 credit hours and takes the form of an empirical research study. Under the supervision of an advisor, the student develops a thesis proposal and presents this to a three member committee made up of faculty members and/or interested psychologists from the Cincinnati community. Upon completion, the student presents the thesis to the same committee. A single final grade is assigned to the thesis.

### Language Requirement

Students must demonstrate proficiency in a computer language, typically gained through the courses PSYC 520 and PSYC 521, Computer Statistical Language I and II.

## Doctor of Psychology

### Clinical Psychology, Psy.D.

The Doctor of Clinical Psychology (PsyD) program builds upon Xavier's strong commitment to the Jesuit tradition of service within the context of scholarship. The program provides students with the knowledge and range of skills necessary to provide psychological services in today's changing professional climate. The full time, five-year program includes four academic years and one internship year. The program emphasizes the importance of a scientific foundation in psychology. The PsyD program is designed to prepare students for the general practice of health service; it also provides training in three areas of interest: children and adolescents, individuals with severe and chronic problems in psychopathology, and health care psychology in medical settings. Students have the opportunity to pursue these areas of interest by taking specialized courses, gaining experience in practicum placements, and conducting applied research.

### Admission Requirements for the PsyD degree

To be eligible for admission, applicants should submit materials before the annual deadline date of **December 1st**.

Go to <http://www.xavier.edu/psychology-doctorate/admission.cfm> on the Xavier website to reference the full details and the admission process.

### Summary List of Admission Requirements

To be eligible for admission, applicants should submit the following items to the Department of Psychology before December 1st:

- (1) A completed application form.
- (2) Non-refundable \$35 application fee.



- (3) One official transcript from each college or university attended. (A minimum 3.000 overall undergraduate grade point average (on a 4.000 scale), and a minimum 3.000 average in all psychology courses, is required).
- (4) Three letters of recommendation.
- (5) A resume or vita.
- (6) A written personal statement of reasons for pursuing a graduate degree in the psychology department at Xavier University, and plans after completion of studies. (2-3 pages)
- (7) A diversity statement.
- (8) A completed Application for Financial Assistance form for possible financial aid if interested.
- (9) Any other information that might aid in the selection process.

Students must have a minimum of 18 undergraduate hours in psychology, including courses in general psychology, psychology statistics, research methods course with lab, and tests and measurements. Courses in developmental and abnormal psychology are recommended. Courses in biological science and college mathematics are also recommended as a preparation for graduate studies. For students with graduate training in clinical psychology or a related field who are accepted, a portion of their previous graduate work (if the student has earned a grade of "B" or higher) might be credited toward the fulfillment of the requirements for the doctoral degree. All decisions regarding acceptance of graduate credit will be made by the School Chair by the end of the first year.

In all cases, a minimum of 75 of the 120 hours required coursework for the PsyD. degree must be completed at Xavier.

## Program of Studies

Students are accepted into the program on a full-time basis and are required to complete a minimum 120 credit hours to graduate. The curriculum of the first four years is divided into two major types of learning experiences: 1) knowledge/academic based, and 2) skills/clinical based. The 93 credit hours of courses that are primarily "academic" in nature are designed to develop content and methodologies in specific areas identified by the American Psychological Association Council on Accreditation (CoA) as essential for clinical training-biological, cognitive and affective, social and cultural aspects of behavior, history and systems in psychology, psychological measurement and assessment, human development, psychopathology, professional standards of ethics, research and evaluation, and professional interpersonal conduct. The remaining 27 credit hours involve courses such as professional development and practicum, clinical practicum, and internship that provide supervised experience and training in a range of clinical areas.

A unique feature of the program is the opportunity for students to develop a focus area in working with children and adolescents, working with individuals with severe and chronic disorders, or applying psychological interventions in health care settings. Prior to applying for internship in the fall of the fourth year, students must successfully complete the Clinical Competency Examination, which evaluates students' progress in clinical skill development, and propose their dissertation.

Students who are accepted into the doctoral program who already hold a master's degree in a field akin to clinical psychology may be able to apply a portion of the previous graduate work toward the fulfillment of the doctoral degree requirements. The allowable number of transferable hours will vary; all accepted hours must come from courses that match the requirements of courses in the PsyD curriculum. In all cases a minimum of 75 hours of the required 120 must be completed at Xavier.

Petitions for transfer of credit will be granted with the recommendation of the School Chair and approval of the Dean of the College of Professional Sciences. Courses will be considered for transfer at a grade of B or higher. Courses taken more than six years prior to entering the doctoral program will normally not be accepted for transfer.

## Grading Policy:

Grades are based on a student's performance meeting the standards established and communicated in writing by the professor of the course. A semester grade point average of 3.000 or higher is required for a student to remain in good standing. Any student whose semester (Fall, Spring, Summer) GPA falls below 3.000 or who earns a grade of "C" (includes C+ or C) or "F" in any 2 credit hour course will be placed on "WARNING" by the Dean of the College of Professional Sciences and remains on WARNING throughout the remainder of the program. Once on warning, any student whose semester (Fall, Spring, Summer) GPA falls below a 3.00 may be dismissed. In addition, once on warning, any student who earns a grade of "C" or "F" in any course is subject to dismissal. A student who earns a grade of C or lower in 4 hours or more of course credit in one semester may be subject to dismissal immediately. The following interpretation of letter grades is used by the department A= excellent, B=good, C=minimal, and F=failure. Faculty may use a +/- system in grading. Students receiving a "C" in a course may be required to retake the course or do additional work to satisfy specific deficiencies. This will be determined by the professor of the course and will be discussed with the student and his/her advisor. The student may be required to register for a one hour tutorial (PSYC 900) to complete the necessary remedial work, for which he/she must earn a grade of pass to fulfill the requirements for the additional work. The work must be completed by the student during the following academic semester. Students receiving an "F" in a course are required to retake the course. A cumulative GPA of 3.000 or higher is required for graduation. An A = 4 points, a B = 3 points and a C = 2 points. Pluses and minuses alter the merit points by .3. All students are required to complete the "Yearly Graduate Student Activity Report: for each academic year by May 1.

## Requirements for the PsyD degree

- All students must complete each of the following courses designed to provide integrative education in the graduate field of psychology. Although the curriculum may change to match advancement of the field of professional psychology, the current curricular requirements are listed below in the present order of completion.
- All students are required to take eight elective courses, four of which are specified as the student's "focus area": clinical child and adolescent psychology; individuals with severe and chronic problems in psychopathology, and; health care psychology across the lifespan. The other four electives are chosen by students in consultation with their advisor. A unique feature of the program is that students may opt to use their additional electives to work toward a "Certificate in the Foundations of Health

Services Administration," which is offered in cooperation with the Health Services Administration Department. These courses offer a foundation in the health services discipline and provide a basis for understanding the dynamics involved in the delivery of health care services in today's changing professional climate.

- The PsyD degree will be awarded upon successful completion of required coursework, Clinical Competency Examination, Doctoral Dissertation, and an internship. After the fourth year of enrollment in the doctoral program (or its equivalent for students admitted with advanced standing), the student is expected to be enrolled in either PSYC 999, Internship, or PSYC 790, Continuous Major Research, until the dissertation is defended and deposited in the library. All of these requirements must be earned within the 8-year limit for the PsyD program.
- After the completion of the internship, students must be enrolled in PSYC 790, Continuous Major Research each semester until all dissertation requirements have been completed. A minimum of 75 of the 120 hours required coursework for the PsyD. Degree must be completed at Xavier.

## Year One

### First Semester

- PSYC 584 - Assessment I: Psychometrics & Intelligence Testing
- PSYC 506 - Social Aspects of Behavior
- PSYC 580 - Clinical Psychopathology
- PSYC 511 - Advanced Statistics I
- PSYC 520 - Computer Statistical Language I

### Second Semester

- PSYC 585 - Assessment II: Personality
- PSYC 509 - Cognitive Aspects of Behavior
- PSYC 508 - Diversity
- PSYC 512 - Advanced Statistics II
- PSYC 521 - Computer Statistical Language II
- PSYC 549 - Introduction to Clinical Interactions

### Summer

- PSYC 502 - History & Philosophical Issues
- PSYC 505 - Professional Problems & Ethics in Psychology
- PSYC 852 - Extended Practicum

## Year Two

### First Semester

- PSYC 586 - Assessment III: Cognitive Functioning
- PSYC 510 - Biological and Affective Aspects of Behavior
- PSYC 621 - Advanced Research Design & Analysis I
- PSYC 650 - Prof. Development & Practicum I
- PSYC 608 - Integrative Life Span Psychology I

### Second Semester

- PSYC 629 - Intervention: Behavior Therapy
- PSYC 622 - Advanced Research Design & Analysis II
- PSYC 651 - Prof. Development & Practicum II
- PSYC 609 - Integrative Life Span Psychology II

### Summer

- PSYC 787 - Major Research I
- Elective
- PSYC 852 - Extended Practicum

## **\*\*Earn M.A. in Psychology**

### **Year Three**

#### **First Semester**

- PSYC 631 - Intervention: Psychodynamic Psychotherapy
- PSYC 760 - Clinical Practicum III
- AI/Elective

#### **Second Semester**

- PSYC 632 - Intervention: Cognitive Therapies or PSYC 835 - DBT
- PSYC 751 - Clinical Practicum IV
- AI/Elective
- Elective

#### **Summer**

- Elective
- PSYC 788 - Major Research II
- PSYC 852 - Extended Practicum

#### **Note(s):**

- A dissertation prospectus must be accepted by a faculty member who agrees to serve as the dissertation chair by the first Friday in December of the 3rd year in order to register for courses for the spring semester.
- Clinical Competency Examination or Dissertation proposal must be successfully completed by the end of the spring semester prior to applying for internship.

### **Year Four**

Students are expected to apply for the yearlong clinical internship in their 4th year after having passed all portions of the Clinical Competency Examination and successfully proposed their dissertation..

#### **First Semester**

- AI/Elective
- AI/Elective
- PSYC 740
- PSYC 850 - Clinical Practicum V

#### **Second Semester**

- Elective
- PSYC 821 or 822 - Applied Interprofessional Education

- PSYC 851 - Clinical Practicum VI
- PSYC 789 - Major Research III

## Year Five

- PSYC 999 - Internship (one year)

## Minors

### Psychology Minor

18 total credit hours, as follows:

9 hours of required courses from:

- PSYC 101 - General Psychology
- PSYC 261 - Social Psychology

3 hours from either:

- PSYC 231 - Developmental Psychology
- PSYC 277 - Psychological Disorders

6 hours of approved electives from:

- PSYC 232 - PSYC 498

Note(s):

- \* PSYC 220 requires a statistics course as a pre-requisite or a co-requisite. Acceptable statistics courses for this requirement include: MATH 116, MATH 146, MATH 156, PSYC 210/212 or BAIS 210.
- A 2.000 cumulative average must be maintained in these psychology courses.
- The University core Social Science elective is included in the minor requirements.

## Williams College of Business

### Williams College of Business

The mission of the Williams College of Business is to educate students of business enabling them to improve organizations and society, consistent with the Jesuit tradition.

The Williams College of Business is accredited by the Association to Advance Collegiate Schools of Business International (AACSB International).

## Degrees, Programs and Block Schedules

The Bachelor of Science in Business Administration (BSBA) is offered with 11 different majors at the undergraduate level. Offered at the graduate level are a Master of Business Administration (MBA) degree with 9 different concentrations, a full time day MBA and an Executive MBA program, as well as a Master of Science in Accountancy and a Master of Science in Customer Analytics.

Also offered at the undergraduate level are an Associate of Business Administration degree and minors in Accounting, Business, Business Analytics, Economics, Entrepreneurship, Finance, Information Systems, International Business, Management, Operations & Supply Chain Management and Strategic Human Resource Management.

Both undergraduate and graduate students in the Williams College of Business also have the opportunity to participate in an Internship Program and/or study abroad.

## **Bachelor of Science in Business Administration, B.S.B.A.**

### **The BSBA degree program consists of:**

#### **Undergraduate core curriculum:**

See Undergraduate Core Curriculum

48-63 Credit Hours dependent on courses taken, including

#### **Mathematics:**

- [MATH 140 - Concepts of Calculus](#)
- [MATH 170 - Calculus I](#)
  
- [BAIS 210 - Quantitative Methods](#)

#### **Social sciences:**

- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)

#### **Business Core Requirements:**

### **Business Core Courses**

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)

- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

18-25 hours are typically required.

## Complete the Business Profession seminars:

- [BUAD 101 - The Business Profession I](#)
- [BUAD 102 - The Business Profession I](#)
- [BUAD 201 - The Business Profession II](#)
- [BUAD 202 - The Business Profession II](#)
- [BUAD 301 - The Business Profession III](#)
- [BUAD 302 - The Business Profession III](#)
- [BUAD 401 - The Business Profession IV](#)
- [BUAD 402 - The Business Profession IV](#)

## Electives:

- 3 hours of business courses. (i.e. 300-499 numbered courses in business, beyond the Business Core and the Major courses).
- 3 hours general electives (except for majors that require 21 hours).

## Note(s):

- At least half of the credit hours must be taken at Xavier.
- A minimum 2.000 GPA must be achieved for the courses taken within the major.
- Business course credit received ten or more years ago will not be accepted as transfer credit or readmit credit toward current requirements.

## TOTAL Minimum Hours Required for Degree: 120 Semester Hours

The Business Profession Program (BPP)

The Business Profession program (BUAD 101-402) is a non-credit program for business students at Xavier. The program provides students with career education, professional development, and networking opportunities to help them transition into their career.

This program takes an intentional approach to career development. Each semester, BUAD courses will cover topics related to job searching, career planning, workplace readiness, networking and life-long learning.

The Business Profession program helps to provide students with a competitive edge when applying for internships and jobs. Beyond the career modules, students will have the opportunity to:

- Participate in internships and experiential learning to hone their subject knowledge and workplace skills.
- Network with classmates, faculty, alums, and local business community.
- Develop organizational and leadership skills through student clubs and organizations.
- Attend career fairs and other recruiting events.

- Create a life-long learning and career plan

The program is required for all business students and supplements their academic students.

## **Internship Program**

The Williams College of Business offers academic internship opportunities to qualified students. The Internship for Credit (IFC) program is a structured educational program which integrates classroom learning and practical experience. Work experiences relate to students' majors and allow them to develop their professional as well as academic skills. Internship opportunities are employer paid and involve faculty participation and evaluation. Students may seek credit for internships for fall, spring or summer semester. Interested students should contact the undergraduate office in the Williams College of Business.

IFC eligibility requirements:

- Have 55 or more earned credit hours; junior status
- Have a minimum cumulative GPA of a 2.75
- Have a formally declared business major or minor
- Have successfully completed at least one class in the major
- Have been hired in a full time (summer) or part time (fall/spring) internship in the major or field of interest
- Internship must be paid

## **Williams College of Business Centers**

### **Center for International Business**

The Center for International Business builds international relationships with multi-national corporations and educational institutions that will allow for unique opportunities for WCB students and faculty.

The CIB provides expertise and resources to facilitate the offering of innovative and specialized international business study programs and internship opportunities that enhance our students' academic and professional development.

The programs are designed to equip our students with a global mindset, cultural sensitivity, and real-world problem solving capabilities that would help them become valuable assets to the organizations that they would serve upon graduation.

### **Center for Women in Business and Leadership**

By supporting women in business, Xavier University is providing the opportunity for women to grow, follow their passion, and ultimately increase the economic stability and security of our communities. The Center seeks to attract women to the business discipline through outreach, to educate the women of the College and University through application of theory and experiential learning opportunities, to support women by creating formal and informal networks that aide in personal and professional development through connection, and to elevate women to leadership positions to in the classroom, boardroom, and across the communities we serve.

### **Cintas Institute for Business Ethics**

The Cintas Institute for Business Ethics focuses on helping students and other Xavier stakeholders recognize and deal with ethical and values-related issues in the workplace. To that end, the Institute sponsors ethics-related programs, workshops and fellowships. It facilitates graduate and undergraduate students, and other stakeholders such as the business community, to have increased moral courage to "do the hard right, as opposed to the easy wrong." The Institute also helps faculty members increase their exposure and confidence in the areas of business ethics and social responsibility, and serves as a resource for business and community stakeholders.

### **The Sedler Family Center for Entrepreneurship and Innovation**

The Sedler Center develops entrepreneurial leaders who seek opportunities, act resourcefully, think creatively and lead ethically to make a difference in their organizations in the world.

### **Xavier Leadership Center (XLC)**

The Xavier Leadership Center delivers high-quality leadership, business acumen, process improvement programs, and coaching and consulting for organizations and individuals. XLC uniquely combines Xavier faculty with experienced business professionals who are subject matter experts to create a team of facilitators that deliver successful and impactful public and private programs. As a non-profit center in Xavier's Williams College of Business, XLC's proceeds go back to the mission of Xavier University to help current students.

# **Bachelor of Science in Business Administration**

## **Bachelor of Science in Business Administration, B.S.B.A.**

The BSBA degree program consists of:

Undergraduate core curriculum:

See Undergraduate Core Curriculum

48-63 Credit Hours dependent on courses taken, including

Mathematics:

- MATH 140 - Concepts of Calculus
- MATH 170 - Calculus I
  
- BAIS 210 - Quantitative Methods

Social sciences:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

Business Core Requirements:

## **Business Core Courses**

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)



- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

18-25 hours are typically required.

## Complete the Business Profession seminars:

- BUAD 101 - The Business Profession I
- BUAD 102 - The Business Profession I
- BUAD 201 - The Business Profession II
- BUAD 202 - The Business Profession II
- BUAD 301 - The Business Profession III
- BUAD 302 - The Business Profession III
- BUAD 401 - The Business Profession IV
- BUAD 402 - The Business Profession IV

## Electives:

- 3 hours of business courses. (i.e. 300-499 numbered courses in business, beyond the Business Core and the Major courses).
- 3 hours general electives (except for majors that require 21 hours).

## Note(s):

- At least half of the credit hours must be taken at Xavier.
- A minimum 2.000 GPA must be achieved for the courses taken within the major.
- Business course credit received ten or more years ago will not be accepted as transfer credit or readmit credit toward current requirements.

**TOTAL Minimum Hours Required for Degree: 120 Semester Hours**

## Business Core

### Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- ACCT 200 - Introductory Financial Acct
- ACCT 201 - Introductory Managerial Acct
- BAIS 210 - Quantitative Methods
- BAIS 211 - Intro to Business Analytics
- BAIS 220 - Mgmt of Info Tech
- BAIS 302 - Intro to Ops & Supply Chain Mg
- BLAW 300 - Legal Environment
- BUAD 398 - Business Core Capstone
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 300 - Int'l Trade & Bus Environment

- FINC 300 - Business Finance
- MGMT 200 - Organizational Management
- MGMT 201 - Business & Professional Comm
- MKTG 300 - Principles of Marketing

## Accountancy

The Department of Accountancy offers the Bachelor of Science in Business Administration (BSBA) degree in Accounting and an undergraduate minor in Accounting. Also, it offers a Master of Science in Accounting (MS) and two combined undergraduate/graduate degree options leading to either a BSBA and an MS or a BSBA and an MBA. These combined programs are designed to provide the student with an undergraduate and graduate degree while meeting the law in effect in most states that requires 150 semester credit hours of education to become a licensed Certified Public Accountant (CPA). Eligible students are allowed to begin graduate coursework during their senior year.

## Bachelor of Science in Business Administration

### Accounting, B.S.B.A.

The Department of Accountancy offers the Bachelor of Science in Business Administration (BSBA) degree in Accounting and an undergraduate minor in Accounting. Also, it offers a Master of Science in Accounting (MS) and two combined undergraduate/graduate degree options leading to either a BSBA and an MS or a BSBA and an MBA. These combined programs are designed to provide the student with an undergraduate and graduate degree while meeting the law in effect in most states that requires 150 semester credit hours of education to become a licensed Certified Public Accountant (CPA). Eligible students are allowed to begin graduate coursework during their senior year.

The BSBA in Accounting is a four-year program that may be a terminal degree for students interested in careers in corporate, governmental and not-for-profit accounting. For CPA candidates the four year program can be combined with additional undergraduate coursework to fulfill the 150-hour requirement. Elective internship experiences are available to undergraduate and graduate students.

## Requirements for the BSBA Accounting Major

### Undergraduate core curriculum requirements:

See Undergraduate Core Curriculum

48-63 Credit Hours dependent on courses taken, including

### Mathematics:

- MATH 150 - Elements of Calculus I

### Business Core Requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
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- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

24 hours of specific accounting courses above the business core:

## Required Courses

- ACCT 304 - Acct Info Systems & Controls
- ACCT 307 - Fin Actg & Reporting I
- ACCT 308 - Fin Actg & Reporting II
- ACCT 311 - Introduction to Taxation

Choose one of the following:

- ACCT 490 - Auditing

Electives - Choose two of the following courses

- ACCT 303 - Internship / Accounting Junior or
- ACCT 312 - Volunteer Income Tax Asst I
- ACCT 385 - Financial Modeling
- ACCT 425 - Cost Accounting
- ACCT 414 or ACCT 490 - Auditing (whichever course was not chosen in the category above)

Note:

- Only one of ACCT 303 or ACCT 312 can count as a required accounting elective. If both are taken the second course will count as a general elective.
- The BSBA degree program typically requires 120 total credit hours. A 2.000 grade point average (GPA) must be attained overall, in the business core and the accounting major.
- Ethical issues and professional responsibilities of accountants are integrated throughout these courses.
- Any course taken at another institution to fulfill an accounting major requirement must be from an AACSB accredited business school and approved by the department. Approval should be obtained in advance to ensure transfer credit.

Note(s):

- The BSBA degree program typically requires 121 total credit hours. A 2.000 grade point average (GPA) must be attained overall, in the business core and the accounting major.
- Ethical issues and professional responsibilities of accountants are integrated throughout these courses.

- Any course taken at another institution to fulfill an accounting major requirement must be from an AACSB accredited business school and approved by the department. Approval should be obtained in advance to insure transfer credit.
- The business elective can be fulfilled by taking ACCT 303 Internship / Accounting Junior, ACCT 312 Volunteer Income Tax Assistance I, or ACCT 403 Internship / Accounting Senior as well as the two accounting electives not chosen above or a non-business core course from another discipline.

## B.S.B.A. Accounting

This block serves as a guideline for progress toward a degree. Note that the following schedule should only be followed by a student who does not plan to complete the requirements to be eligible to take the CPA exam. See your academic advisor.

### Freshman Year

#### First Semester

- FY Seminar - CORE 100 or THEO 111
- ENGL 101/115
- Second Language I
- Mathematical Perspectives -MATH 140
- PHIL 100
- CORE 101
- BUAD 101

#### Second Semester

- ACCT 300
- THEO 111 or CORE 100
- Social Science Elective - ECON 200
- BAIS 210
- Second Language II 1
- CORE 102
- BUAD 102

### Sophomore Year

#### First Semester

- Humanities Elective
- ACCT 200
- ECON 201
- BAIS 211
- MGMT 200 (DCR Flag)
- BUAD 201

#### Second Semester

- ACCT 307-Financial Accounting & Reporting I
- Literature & Moral Imagination - ENGL 205
- MGMT 201 (Oral Communications & Writing Flag)
- FINC 300-(Quantitative Reasoning Flag)
- BAIS 220
- BUAD 202

## Junior Year

### First Semester

- ACCT 308- Financial Accounting & Reporting II
- ACCT 311 - Introduction to Taxation
- Historical Perspectives
- Philosophical Perspectives - PHIL 200
- Natural Sciences or Scientific Perspectives Elective
- BUAD 301

### Second Semester

- ACCT 201
- ACCT 304
- ECON 300
- MKTG 300
- ACCT elective
- BUAD 302

## Senior Year

### First Semester

- ACCT 414 Corporate Taxation or ACCT 490 -Auditing
- ACCT Elective
- BLAW 300 (ERS Flag)
- BAIS 302
- Scientific Perspectives or Natural Sciences Elective
- BUAD 401

### Second Semester

- Business Core Capstone
- Creative Perspectives Elective
- Theological Perspectives Elective
- General Elective
- General Elective
- BUAD 402
- CORE 499

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours. Major is 24 hours. Many ACCT majors earn 150 hours to sit for the CPA Exam (by double-majoring or pursuing a Master's Degree).
- 1-Foreign Language: Must complete 201-level
- 2-ACCT 300 fulfills the required business elective.
- 3-Social Science: Business majors must take ECON 200 as Social Science Elective
- 4-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 5-Science: Take any six hours of science - but must include at least 3 hours of Natural Science such as BIOL, CHEM or PHYS
- 6-General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores
- FLAGS: All flags are included in business core curriculum
- GPA- Accounting majors must earn B- or better in ACCT 200 and ACCT 201 to proceed in the major.

## Master of Science

## Accountancy, M.S.

The Master of Science in Accountancy is designed to provide students with the competencies necessary to begin careers as outstanding professional accountants. The program is primarily designed for students with an undergraduate major or minor in accounting.

Graduates of the program will demonstrate competency in financial accounting, tax accounting, and in other skills needed to enter the profession. MACC students will also use their technical skills to provide valuable community service to local residents through the Volunteer Income Tax Assistance program. Students will complete intensive and challenging coursework to prepare them for careers in assurance, tax, financial accounting, and advisory services. MACC graduates will also be well prepared to sit for the CPA examination.

CPA exam eligibility and licensing criteria vary on a state by state basis, and can be found at [www.nasba.org](http://www.nasba.org). Ohio requirements can be found at <http://acc.ohio.gov/CPAExam.aspx>. See Xavier's Professional Licensing Disclosure at <https://www.xavier.edu/professional-licensure/>.

## Curriculum

### Students with an undergraduate degree in Accounting

Students with an **undergraduate degree in accounting** will be required to complete 30 credit hours from the three primary program components:

- MACC 529 - Adv Fin Actg & Reporting
- MACC 612 - Income Tax Review & Advising
- MACC 616 - Tax of Flow Through Entities
- MACC 641 - Capstone Seminar I
- MACC 642 - Capstone Seminar II

### Students with an undergraduate degree other than in Accounting

- Students with an **undergraduate degree other than accounting** will be required to complete from 30-45 credit hours, depending on prior coursework. This includes the six required MACC-designated courses listed above (18 credit hours).
- The following courses or their equivalents must also be taken (up to 24 hours, depending on the student's prior coursework). Up to three of these courses may be taken to fulfill the graduate course electives.
  - ACCT 550 - Managerial Accounting
  - BAIS 500 - Business Statistics
  - FINC 550 - Fundamentals of Finance
  - MACC 504 - Acct Info Systems & Controls
  - MACC 507 - Financial Acct & Reporting
  - MACC 508 - Financial Acct & Reporting II
  - MACC 511 - Introduction to Taxation
  - MACC 590 - Auditing Concepts & Practices

## Concentration

Optional concentrations are available.

## Business Analytics concentration

3 courses (9 credit hours) from the following:

- BAIS 630 Robotic Process Automation
- BAIS 655 Business Intelligence
- BAIS 659 Foundations of Security
- BAIS 665 Business Analytics for Managers
- BAIS 674 Database Management
- BAIS 680 Intro to Data Mining
- BAIS 689 Data Visualization

## Finance concentration

3 courses (9 credit hours) from the following:

- FINC 600 Managerial Finance
- FINC 602 Investment Management
- FINC 621 Options and Futures Markets
- FINC 640 Purchase, Sale and Valuation of Closely-Held Firms
- FINC 645 Mergers and Acquisitions
- FINC 663 Fixed Income & Debt Management
- FINC 664 Bond Portfolio Management
- FINC 684 Financial Modeling

## Dual Degree

### **Accountancy Combined Undergraduate and Graduate Program, B.S.B.A./M.S. or B.S.B.A/M.B.A.**

These are five year programs that allow students to enroll in graduate studies during their senior year of undergraduate coursework. Many students with advanced placement credit or that enroll in summer courses or take 18-hour course loads complete these programs in less than five years. Completion of a combined program enables a student to earn a BSBA in Accounting and either an M.S. in Accountancy (MSA) or an MBA while satisfying the 150-hour requirement to be eligible to take the CPA exam. Students are allowed to seek admission to the MSA or the MBA program when they have one year remaining to complete their BSBA in Accounting. Those accepted may begin taking a limited number of graduate courses while completing their undergraduate degree. (Note: either of these programs will allow students to meet the requirements to sit for the CPA exam in the state of Ohio. Students planning to practice in other states should become familiar with the requirements in that state)

### Requirements:

- Same as the requirements for Accounting, B.S.B.A. except that six hours of MS or MBA credit may be taken in the senior year under the undergraduate tuition which covers up to 18 credit hours of classes in an academic term.
- Same as requirements for all MS and MBA students.
- The Nine credit hours of graduate electives required in the MBA program may include one or more Masters in Accountancy (MACC) courses with permission of the MSA director or Chair of the Department of Accountancy.

## B.S.B.A. Accounting and MS or MBA

Students that plan to pursue a joint B.S.B.A. and MS or MBA degree should work with their academic advisor to develop a plan for completion of both degrees. Students are also encouraged to meet with the Department Chair, the Director of the MS in Accountancy program or the MBA office for assistance in designing their program of study.

## Minors

# Accounting Minor

The accounting minor is designed to provide students with foundational knowledge in accounting and focused knowledge in one of the primary areas of accounting practice.

The minor is not intended to prepare students for the CPA exam; however, it does represent adequate accounting knowledge for entry into a student's selected area of focus. The minor can also be used as entry into the Master of Science in Accountancy program which would provide students with the qualifications necessary to sit for the CPA exam and enter the accounting profession without completion of the business core. In addition, the minor could significantly enhance the knowledge base and marketability of students in related disciplines such as actuarial science, business analytics, criminal justice, finance and information systems.

The accounting minor requires 15 hours and consists of the following required and optional courses:

## 2 required courses

- ACCT 200 - Introductory Financial Acct
- ACCT 300 - Accounting Profession & Ethics

## 3 elective courses

9 credit hours

- ACCT 201 - Introductory Managerial Acct
- ACCT 303 - Internship / Accounting Junior
- ACCT 304 - Acct Info Systems & Controls
- ACCT 307 - Fin Actg & Reporting I
- ACCT 308 - Fin Actg & Reporting II
- ACCT 311 - Introduction to Taxation
- ACCT 312 - Volunteer Income Tax Asst I
- ACCT 412 - VITA II
- ACCT 414 - Corporate Taxation
- ACCT 421 - Nonprofit & Govt Acct
- ACCT 425 - Cost Accounting
  
- ACCT 490 - Auditing

# Business Administration

## Master of Business Administration

## Business Administration, M.B.A. (Xccelerated MBA)

Xavier's Xccelerated MBA program offers a cohort experience with a carefully planned course schedule. Students take 5 classes per semester in the Fall and Spring, and complete the degree in the Summer with 3 classes, which includes a Global Immersion. As such, the program consists of 39-45 credit hours. Courses are focused on leadership, and experiential and immersive learning to prepare students for an ever-changing business world.

## Curriculum

### Foundation Skills

6 credit hours\*

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics



## Note:

\* Prerequisites may be waived if the course was taken at the undergraduate level no more than 5 years from MBA admission and a grade of "B" or better was earned OR via waiver exam. If not, courses must be taken as part of the program.

## Courses

36 credit hours

- ACCT 550 - Managerial Accounting
- BLAW 550 - Business Law and Ethics
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- MKTG 550 - Marketing Strategy
- MGMT 550 - Strategy and Organizations
  
- MGMT 614 - Principles of Leadership

## Capstone

3 credit hours

## Minors

### Business Minor

This minor is available to all undergraduate non-business majors as it provides students with an introduction to business. Students gain exposure to a variety of business disciplines and topics.

20-21 total credit hours are required, as follows:

18 hours of specific business courses:

- ACCT 200 - Introductory Financial Acct
- BAIS 220 - Mgmt of Info Tech
- ECON 200 - Microeconomic Principles
- FINC 300 - Business Finance
- MKTG 300 - Principles of Marketing
- MGMT 200 - Organizational Management

2-3 hours of a business elective course are also required for the minor:

(All prerequisites for elective courses must be met)

Courses typically chosen as an elective are:

- ACCT 201 - Introductory Managerial Acct
- BAIS 211 - Intro to Business Analytics
- BLAW 300 - Legal Environment
- ECON 201 - Macroeconomic Principles
- ECON 300 - Int'l Trade & Bus Environment
- MGMT 201 - Business & Professional Comm
- SHRM 200 - Human Resources In a Diverse S

Note(s):

- A 2.000 cumulative average must be attained in these courses.
- At least half of these credit hours must be taken at Xavier.

## **Business Analytics and Information Systems**

### **Bachelor of Science in Business Administration**

### **Business Analytics and Information Systems, B.S.B.A.**

The Bachelor of Science in Business Administration in Business Analytics and Information Systems, a STEM designated program, educates and develops future data analysts. Graduates will emerge with the necessary skills to immediately contribute to businesses in roles which require training in and an aptitude for data analysis. Through the utilization of real-world data sets, students will gain the skills, confidence and expertise required to succeed in today' s data-driven business world. This program will produce high-quality students who are not only analytically sound but also ethically responsible in their use of data. Ultimately, the outcome of the program will be students who are able to help businesses make better decision through data analysis and statistical modelling.

### **Requirements for the Business Analytics and Information Systems Major**

#### **University Core Curriculum**

See Undergraduate Core Curriculum

#### **Business Core Requirements**

## **Business Core Courses**

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)

- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

21 credit hours, as follows

### B.S.B.A. in Business Analytics and Information Systems with a Business Analytics Concentration

#### Required BAIS Courses

- BAIS 329 - Data Mining
- BAIS 358 - Data Modeling and Management
- BAIS 360 - Intro to Application Developmt
- BAIS 365 - Business Analytics

#### Business Analytics Electives (Choose 2)

- BAIS 311
- BAIS 389
- BAIS 498
- BAIS 367
- MKGT 315 or MKGT 370
- MKGT 302
- FINC 385 / ACCT 385
- FINC 365
- ACCT 304
- ECON 306
- ECON 307

### B.S.B.A. in Business Analytics and Information Systems with an Operations & Supply Chain Management Concentration

#### Required BAIS Courses

- BAIS 365
- BAIS 330
- BAIS 333 / MGMT 333
- BAIS 336 / MGMT 336
- BAIS 463

#### Operations and Supply Chain Management Electives (Choose 2)

- MKTG 340 / BAIS 340
- MKTG 310 / BAIS 310
- BAIS 389
- BAIS 498
- BAIS 367
- BAIS 360
- BAIS 462
- ACCT 304
- ACCT 425
- MGMT 322

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours.
- All students who choose the B.S.B.A. in BAIS must declare a concentration. A student who majors in the B.S.B.A. in BAIS may not double major in the other concentration. They may, however, minor in one BAIS minor (BA, OSM, or IS) at most. A student may not minor in the same area as their concentration.

## Master of Science

### Customer Analytics, M.S.

The Master of Science in Customer Analytics trains and develops future problem-solving leaders. As the size of the digital universe continues to double every 2 year, and is expected to continue to do so, the need for Practitioners, Data Scientists, Solutions Leaders, and Analysts will continue to grow. Through the utilization of real-world data sets, students gain the skills, confidence and expertise required to succeed in today's information sensitive environment. Students are sought who are analytically curious. Graduates will harness and communicate the full value of large data sets prevalent in today's "big data" business environment. Graduates will review data sets, identify potential problems, and will have awareness of and can identify the correct analytic techniques. They will then effectively communicate results to others with the goal of improving management decision making.

The Master of Customer Analytics is currently recruiting both full-time and part-time students for Fall 2024. The program is STEM certified and offers extended OPT for international graduates.

### Prerequisites

- MKTG 550: Marketing Strategy
- STAT 500: Business Statistics
- TUTORIAL: Excel Tutorial - Pearson Higher Education
- TUTORIAL: R-Programming or SAS Programming 1 - completion by 1st semester
- TUTORIAL: Statistics 1 © SAS Institute Inc - completion by Week #12, 2nd semester
- TUTORIAL: Qlik® or Tableau® Data Visualization Workshop - completion by end of 1st year

### Required Courses

30 credit hours are required

- MSCA 602 - Marketing Research
- MSCA 605 - Applied Multivariate Analysis
- MSCA 610 - Analytics Practicum
- MSCA 640 - Consumer-Centric Category Mgmt
- MSCA 660 - Statistical Programming
- MSCA 664 - Consumer Behavior Theory
- MSCA 665 - Business Analytics for Mgrs
- MSCA 674 - Database Management
- MSCA 680 - Intro Data Mining for Managers
- MSCA 689 - Data Visualization

### Notes

- 30 Credit Hours in the CORE are required for the degree. Select classes may be substituted if another Graduate Business Degree is present (i.e., MBA may substitute another Marketing elective for MKTG 550-Marketing Strategy, etc.)

## Minors

### Business Analytics Minor

The Minor in Business Analytics, a STEM designated program, is intended to educate and develop future data analysts. Those that complete the minor will emerge with the necessary skills to immediately contribute to businesses in roles which require training in and an aptitude for data analysis. Through the utilization of real-world data sets, students will gain the skills, confidence and expertise required to succeed in today's data-driven business world. It is the intention of this minor to produce high-quality students who are not only analytically sound but also ethically responsible in their use of data. Ultimately, the outcome of the minor will be students who are able to help businesses make better decision through data analysis and statistical modelling.

**21 credit hours**

## 15 credit hours of required courses

- BAIS 211 (WCB Core Course) or MATH 156 or MATH 116
- BAIS 220 (WCB Core Course) or CSCI 170
- BAIS 358
- BAIS 365
- BAIS 329 / MKTG 329

**6 credit hours from:**

- BAIS 311
- BAIS 360
- BAIS 367
- BAIS 389
- BAIS 462
- BAIS 498
- MKTG 302
- MKTG 315 or MKTG 370
- ACCT 385 / FINC 385
- FINC 365
- ACCT 304
- ECON 306
- ECON 307

**Note(s):**

At a minimum, to receive the Minor in Business Analytics, a student must complete at least 9 hours within the minor which are not double counted in any other program or concentration.

## Information Systems Minor

The Department of Business Analytics and Information Systems offers the minor in Information Systems.

This minor is available to business and non-business undergraduate students.

**18 total credit hours are required, as follows:**

**12 hours from two required courses:**

- BAIS 211 (WCB Core Course) or MATH 156 or MATH 116
- BAIS 220 (WCB Core Course) or CSCI 170
- BAIS 358
- BAIS 389

6 hours from elective courses:

- BAIS 311
- BAIS 329
- BAIS 330
- BAIS 357
- BAIS 359
- BAIS 360
- BAIS 365
- BAIS 459
- BAIS 462
- BAIS 463
- BAIS 499
- ACCT 385 / FINC 385
- ACCT 304
- Other technologically driven courses (must be approved by the BAIS Chair)

Note(s):

- A 2.000 cumulative average must be attained in these courses.
- At a minimum, to receive the Minor in Information Systems, a student must complete at least 9 hours within the minor which are not double counted in any other program or concentration.

## Operations and Supply Chain Management Minor

21 Credit Hours

18 credit hours from:

- BAIS 211 (WCB Core Course) or MATH 156 or MATH 116
- BAIS 220 (WCB Core Course) or CSCI 170
- BAIS 302 (WCB Core Course)
- BAIS 330
- BAIS 333 / MGMT 333
- BAIS 336 / MGMT 336

3 credit hours from:

- MKTG 310
- MKTG 340
- BAIS 360
- BAIS 365
- BAIS 367
- BAIS 389
- BAIS 463
- BAIS 498
- ACCT 304
- ACCT 425
- MGMT 322

Note(s)

At a minimum, to receive the Minor in Operations and Supply Chain Management, a student must complete at least 9 hours within the minor which are not double counted in any other program or concentration.

## Certificate

### Business Intelligence and Analytics Certificate

This certificate is offered as part of the Castellini Foundation Business Certificate Program.

#### Curriculum

- BAIS665 Business Analytics
- BAIS689 Data Visualization
- BAIS674 Database Management

### Supply Chain Management Certificate

This certificate is offered as part of the Castellini Foundation Business Certificate Program.

#### Curriculum

- BAIS633/MGMT633 Global Supply Chain Management
- BAIS635/MGMT635 Strategic Sourcing
- BAIS630 Robotic Process Automation

## Economics

### Bachelor of Science in Business Administration

#### Economics, B.S.B.A.

The Department of Economics offers the Bachelor of Science in Business Administration degree in Economics. The Department also offers a Bachelor of Arts in Economics degree through the College of Arts & Sciences.

A degree in Economics provides the student with an understanding of economic issues pertaining to individual firms, industries, the public sector, and the overall economy. The study of economics, supported by the knowledge of Mathematics and Statistics, emphasizes both analytic reasoning and a thorough knowledge of economic institutions. Economics majors analyze such topics as optimal decision-making, market efficiency, profit maximization, cost-benefit analysis, inflation, unemployment, international trade, financial markets, forces of globalization, and governmental economic activity. The program has proven useful to people who have moved into positions in many of the functional areas of business and government. It is also excellent training for graduate study in business, in law, and in economics itself.

#### Requirements for the Economics Major

#### Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, See Undergraduate Core Curriculum

Business Core Requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

Major Requirements:

21 hours of economics courses above the business core:

- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic

Electives:

- 3 hours of business electives.
- 3 hours of general electives.

Required Capstone Project

- ECON 494 - Economics Capstone

Note(s):

- A 2.000 cumulative average must be attained in the economics courses.

TOTAL Minimum Hours Required for Degree: 120 Semester Hours



# B.S.B.A. Economics

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- FY Seminar-CORE 100 or THEO 111
- Mathematical Perspectives-MATH 140 or 170
- ENGL 101/115
- Second Language I <sup>4</sup>
- Social Science Elective-ECON 200 <sup>1</sup>
- BUAD 101
- CORE 101

### Second Semester

- THEO 111 or FY Seminar-CORE 100
- Second Language II <sup>4</sup>
- Historical Perspectives Elective
- MKTG 300
- ECON 201
- BUAD 102
- CORE 102

## Sophomore Year

### First Semester

- PHIL 100
- Humanities Elective<sup>3</sup>
- ACCT 200
- BAIS 210
- MGMT 200 (DCR flag)
- BUAD 201

### Second Semester

- Scientific Perspectives or Natural Sciences Elective <sup>2</sup>
- ECON 300
- ACCT 201
- BAIS 211

- BAIS 220
- BUAD 202

## Junior Year

### First Semester

- Philosophical Perspectives-PHIL 200
- FINC 300-(Quantitative Reasoning Flag)
- MGMT 201 (Oral Communications & Writing Flag)
- ECON 305-Microeconomic Analysis
- ECON Elective-300 or 400 level
- BUAD 301

### Second Semester

- Theological Perspectives Elective
- ENGL 205
- ECON 306-Macroeconomic Analysis
- ECON 307-Empirical Analysis in Economics
- General Elective 1\*
- BUAD 302

## Senior Year

### First Semester

- Natural Science Elective or Scientific Perspective <sup>2</sup>
- MGMT 302
- Business Core Capstone
- ECON Elective-300 or 400 level
- ECON Elective-400 level
- BUAD 401

### Second Semester

- Creative Perspectives Elective
- BLAW 300-(ERS Flag)
- ECON 494-Capstone Experience
- ECON Elective-400 level
- Business Elective or Internship for Credit
- General Elective 2\*
- BUAD 402
- CORE 499

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours. Major is 23 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but **must include at least 3 hours** of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All flags are included in business core curriculum
- \*\*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores

## Finance

### Bachelor of Science in Business Administration

#### Finance, B.S.B.A.

The Department of Finance offers the Bachelor of Science in Business Administration in Finance.

This degree program develops an appreciation of financial management and financial operation. Everyone majoring in Finance must take courses designed to acquaint him or her with the various financial records of the firm, the character and appraisal of corporate securities, and the financial techniques applicable to the various phases of the discipline. In addition, the student may choose elective subjects.

#### Requirements for the Finance Major

#### Undergraduate core curriculum requirements:

See Core Curriculum

#### Business Core Requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)

- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

21 total credit hours required, as follows:

### 15 hours of required finance courses:

- FINC 350 - Financial Statement Analysis or
- ACCT 308 - Fin Actg & Reporting II
- FINC 365 - Investments
- FINC 385 - Financial Modeling
- FINC 401 - Intermediate Financial Mgmt
- FINC 492 - Portfolio Management II or
- FINC 495 - Cases & Problems in Finance

### 6 hours from a finance major elective:

- FINC 306-499 (except FINC 350 and FINC 403) (refer to Course Descriptions.)

## Note(s):

- A 2.500 average must be attained in these courses of the major.

## B.S.B.A. Finance

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- FY Seminar-CORE 100 OR THEO 111
- Mathematical Perspectives-MATH 140 or 170
- ENGL 101/115
- Second Language I <sup>4</sup>
- MKTG 300
- BUAD 101

- CORE 101

## Second Semester

- THEO 111 or FY Seminar-CORE 100
- Second Language II <sup>4</sup>
- Historical Perspectives Elective
- Social Science--ECON 200 <sup>1</sup>
- ACCT 200 GPA
- BUAD 102
- CORE 102

## Sophomore Year

### First Semester

- PHIL 100
- Humanities Elective <sup>3</sup>
- ECON 201
- ACCT 201
- BAIS 210
- BUAD 201

### Second Semester

- Scientific Perspectives or Natural Science Elective <sup>2</sup>
- FINC 300 GPA
- MGMT 200 (DCR Flag)
- BAIS 211
- BAIS 220
- BUAD 202

## Junior Year

### First Semester

- Philosophical Perspectives--PHIL 200
- ENGL 205
- ECON 300
- FINC 350 or ACCT 308-Financial Statements
- FINC 365--Investments
- BUAD 301

## Second Semester

- Theological Perspectives
- MGMT 201-(Oral Communications & Writing Flag)
- FINC 401-Intermediate Financial Management
- FINC or ACCT 485-Financial Modeling
- General Elective 1\*
- BUAD 302

## Senior Year

### First Semester

- Business Core Capstone
- Natural Science Elective or Scientific Perspectives <sup>2</sup>
- BLAW 300 (ERS) <sup>5</sup>
- FINC Elective
- General Elective 2\*
- BUAD 401

### Second Semester

- Creative Perspectives Elective
- MGMT 302
- FINC 488/492/FINC 495-Finance Capstone
- FINC elective
- Business Elective or Internship for Credit or FINC 490
- BUAD 402
- CORE 499

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours. Major is 21 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but must include at least 3 hours of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All except Writing Intensive Flag are included in business core curriculum
- \*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores
- GPA-Finance majors must earn B- or better in ACCT 200 and FINC 300. Also a GPA of 2.5 or better is required in the major overall.

## **Minors**

### **Finance Minor**

The Minor in Finance is designed to give students exposure to additional finance coursework and allows them to pursue the credential signifying successful completion of this coursework.

15 credit hours are required:

6 hours from:

- ACCT 200 - Introductory Financial Acct
- FINC 300 - Business Finance

3 hours from:

- FINC 365 - Investments
- FINC 401 - Intermediate Financial Mgmt

6 hours of upper division electives from:

- FINC 306 - 499 (except FINC 403 )

Notes:

- A minimum cumulative grade point average of 2.50 must be attained in the courses of the minor.
- At least half of these credit hours must be taken at Xavier.

## **Interdisciplinary Programs**

Xavier University offers a number of programs which are interdisciplinary in nature, with curriculums which cross academic departments and colleges.

## **Sustainability**

Both political and religious leaders recognize the importance of promoting sustainability as part of policy, law, business practice, and daily life if we are to protect our planetary home and the welfare of future generations. Students in the Sustainability programs will be prepared to develop sustainable practices and policies in business, non-profits, and government agencies by integrating the study of business and economic principles with ecological and environmental processes. Land students will focus on the science and art of agriculture including food production and distribution within the context of a Jesuit education. All programs involve experiential educational experiences including field trips, practicums, internships, and capstone projects with organizations in the community.

## **Bachelor of Science in Business Administration**

### **International Business, B.S.B.A.**

The world is a global marketplace creating great opportunities for careers in business, trade, government and non-government organizations (NGOs) for people with good business and technical skills, as well as cross-cultural and foreign language abilities.

- Living and working in the U.S. for a company that sends you abroad for business travel, or
- Working for a company that sends you abroad to work for a number of years at a time.

The International Business major is an interdisciplinary program that provides you with skills and knowledge to pursue a long-term career in international business. Courses and faculty come from a number of disciplines across the Williams College of Business. Because companies often provide foreign assignments to employees who are trained in their domestic operations, we recommend considering a second major such as marketing, finance, information systems, or accounting; if you can't do that, take a few targeted courses in one discipline.

## Requirements for the Major in International Business

### Undergraduate core curriculum requirements:

Undergraduate Core Curriculum

#### Mathematics:

- MATH 150 - Elements of Calculus I
- MATH 140 - Concepts of Calculus

#### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

#### Foreign/Second Language:

- In addition to university core requirement, students are required to have a minor in a Foreign Language (202 and four additional courses from 203-498 with necessary distributional requirements as specified for chosen language. Spanish minor requires five additional courses.)

#### Business core requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)



- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

21 total credit hours required, as follows:

### Required Courses

- MKTG 320 - International Marketing or
- MGMT 325 - International Management
  
- FINC 476 - International Finance
- BUAD 495 - Intern'l Business Capstone

## Semester Long Study Abroad Program

Students are required to enroll in a semester-long study abroad program, preferably in the Fall or Spring semester of their junior year.

## Double Major in Area of Business or Track

Students must choose either a double major in any functional area of business (BSBA in: Accounting, Business Analytics, Economics, Economics, Entrepreneurial Studies, Finance, Information Systems, Management, Marketing, Strategic Human Resource Management, or Sustainability: Economics and Management) or one of five following tracks that each will consist of three courses:

### Economics/Finance

- Electives: ECON 341, ECON 307, ECON 450, ECON 470, FINC 350, FINC 365, FINC 370.
- Students can also use choose up to one elective from BUAD 480-494.

### Global Supply Chain

- Global Supply Chain Management (BAIS 333),
- Strategic Sourcing (BAIS 335),
- and an elective from the following: Mktg 310, Mktg 340, BAIS 330, BAIS 360, BAIS 365, BAIS 367, BAIS 389, BAIS 463, BAIS 498, ACCT 304, and ACCT 425

### Management

- SHRM 325
- MGMT 333.
- Electives: MGMT 309, MGMT 312, and MGMT 322. Other electives will be added as instructors are identified: MGMT 310, MGMT 385, and MGMT 410.
  - Students can also use choose up to one elective from BUAD 480-494.

## Marketing

- MKTG 302
- MKTG 370
- Elective: MKTG 310, MKTG 315, MKTG 325, MKTG 329, MKTG 330, MKTG 340, MKTG 345, MKTG 361, MKTG 368, MKTG 385, MKTG 390, MKTG 398.
  - Students can also use choose up to one elective from BUAD 480-494.

## Sustainability

- SUST 301
- SUST 401
- Electives: 3 hours from SUST 465-467, MGMT 309, MGMT 312, MGMT 322, or MGMT 333.
  - Students can also use choose up to one elective from BUAD 480-494.

## Note(s):

- A 2.000 cumulative average must be attained in the economics courses.

## International Experience

Students engage in a summer-long or semester-long study-abroad or work abroad in a country other than one's native country. (Two additional courses of foreign language generally at the 300-level or above, may be substituted for the international experience. To pursue this option, see the international business advisor; these cannot also be counted toward the International Cultural Elective.)

To help plan your courses, study- or work-abroad experience, and future career, be sure to meet with one of the international business advisors.

## B.S.B.A. International Business

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- PHIL 100
- CORE 100
- ENGL 101 OR 115
- ECON 200
- LANGUAGE 201
- BUAD 101
- CORE 101

### Second Semester

- THEO 111
- MATH 140
- ECON 201
- MKTG 300

- LANGUAGE 202
- BUAD 102
- CORE 102

## Sophomore Year

### First Semester

- LANGUAGE 203-498
- PHIL 200
- ECON 300
- ACCT 200
- BAIS 210
- BUAD 201

### Second Semester

- LANGUAGE (203-498)
- THEOLOGY PERSPECTIVES
- LIT & MORAL IMAGINATION
- ACCT 201
- BAIS 211
- BUAD 202

## Junior Year

### First Semester

- LANGUAGE (203-498)
- HISTORICAL PERSPECTIVES
- MGMT 200 (DCR FLAG)
- FINC 300
- BLAW 300 (E/RS ELECTIVE)
- BUAD 301

### Second Semester

- LANGUAGE (203-498)
- MKTG 320 or MGMT 325
- MGMT 201
- CREATIVE PERSPECTIVES
- MGMT 302
- BUAD 302

## Senior Year

## First Semester

- TRACK COURSE 1
- TRACK COURSE 2
- FINC 476 (INTL FINC)
- SCIENTIFIC PERSPECTIVES
- ELECTIVE OR LANGUAGE (203-498)
- BUAD 401

## Second Semester

- TRACK COURSE III
- NATURAL SCIENCE ELECTIVE
- MGMT 495
- BUAD 495
- ELECTIVE
- BUAD 402
- CORE 499

## Notes

- Minimum for undergraduate degree is 120 hours.
- Students enter a level of language based on a placement test; it is possible to place into FREN/GERM/SPAN 202 and bypass FREN/GERM/SPAN 201. Students who place below 202 are still able to complete this major by taking advanced language courses where general electives are listed. Note that the current language minor is 15 hours for French and German, and 18 hours for Spanish.
- Mathematical Perspectives
- Also fulfills the Social Science Elective
- Also a Humanities Elective
- May also be a Diversity flag if taken as FREN/GERM/SPAN 205.
- Also fulfills the Quantitative Reasoning flag.
- MGMT 201 has both the Writing and Oral Communication Flags
- MGMT 495 (part of the Business Core) will serve as the capstone
- IB majors are strongly encouraged to work with their advisors to select a study abroad program one or two semesters in length for an immersive experience in the chosen language. The student will work with their advisor, over the course of their sophomore year, to select a study abroad program for the Fall and/or Spring semester of their Junior year. It is expected that the student will take a couple of language classes, possibly some University Core classes such as Creative Perspectives, Historical Perspectives, possibly some Business Core classes such as International Trade & Business Environment (Econ 300), Principles of Marketing (Mktg 300), etc., and possibly one or more elective courses such as International Marketing (Mktg 320), Global Supply Chain Management (Mgmt 333), Development Economics (Econ 341), etc. Some courses might have to be moved around in the suggested block schedule depending on the progress of specific students. However, this should not be a hindrance to complete all the proposed requirements of the International Business major.
- Students who wish to use a language other than French, German, or Spanish should consult with the chair of Classics and Modern Language to find study abroad in the chosen language, or language courses in the Consortium to fulfill the Language component of International Business.
- IB students should meet with a Faculty advisor in each semester to determine core courses that support cultural and social awareness of the language selected. For example, if a student's language is Spanish, consider a Historical Perspectives course that focuses on Latin America or Spain; if a student's language is Chinese, consider a Philosophical Perspectives course that focuses on Confucianism.

## Minors

### International Business Minor

This minor is available to undergraduate business students, since all the prerequisites must be met. This includes the entire Business Core, including ECON 200 and ECON 201

15 total credit hours are required, as follows:

6 hours from two required courses:

- MKTG 320 - International Marketing
- FINC 476 - International Finance

6 additional hours of upper division business courses:

- ECON 341 - Econ of Developing Countries
- ECON 450 - International Economics
- MGMT 325 - International Management
- SHRM 325 - International Human Resources

3 hours of approved electives, including:

- FREN 315 - Business French I
- GERM 315 - Business German
- SPAN 306 - Business Spanish

Note(s):

- A 2.000 cumulative average must be attained in the courses of the minor.
- At least half of these credit hours must be taken at Xavier.

## Political Economy Minor

The Minor in Political Economy explores the integration of economics, law, public policy, and financial markets. **This minor is available to Smith Scholars only** and is designed to prepare Smith Scholars for engagement with global and regional issues that require economic, political, legal, and financial analysis.

15 credit hours are required:

- POLI 347 - Supreme Court on Civil Liberties (3)
- FINC 370 - Financial Markets and Institutions (3)
- BLAW 400 - Regulatory Environment of Business (3)
- ECON 315 - History of Economic Thought (3)
- ECON 370 - Economic Theory and Applications in Public Policy (3)

Optional:

- IDST 499 - Senior Thesis (3)

## Management, Entrepreneurship, and Human Resources

**Bachelor of Science in Business Administration**

**Entrepreneurship and Innovation, B.S.B.A.**

The Department of Management and Entrepreneurship offers the Bachelor of Science in Business Administration in Entrepreneurship and Innovation.

Xavier's undergraduate major in Entrepreneurship and Innovation is designed to help prepare students to seek opportunities, act resourcefully, think creatively, and lead ethically to make a difference in their organizations and the world, our majors will learn to:

1. Provide progressive leadership for existing family businesses
2. Start their own businesses, and/or
3. Pursue careers in creating and managing innovation and leading entrepreneurship in non-profits and small to large organizations in this global market economy.

The strength of our free enterprise economy depends heavily on an entrepreneurial mindset in those individuals who identify new product or service opportunities, develop workable plans for capitalizing on those opportunities, and assume personal risk and take the initiative in creating and then managing the new or expanded enterprises which those plans make possible.

## Requirements for a Major in Entrepreneurship and Innovation

Since successful entrepreneurs and those with an entrepreneurial mindset need to have an integrative and interdisciplinary set of skills, the Entrepreneurship and Innovation major is interdisciplinary in nature, providing advanced course work in all business functions, specialized course work in creativity and innovation, business planning and a field experience, and a required entrepreneurial work internship.

### Undergraduate core curriculum requirements:

Undergraduate Core Curriculum

#### Mathematics:

- MATH 150 - Elements of Calculus I

#### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

#### Business Core Requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)

- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

21 total credit hours required, as follows:

15 hours specifically required:

- ENTR 305 - Creativity & Innovation
- ENTR 303 - Co-Op Education/Entrep St: JR
- ENTR 495 - Entr & Innovation Capstone

6 hours from major electives:

- ENTR 311 - New Venture Planning
  - ENTR 403 - Co-Op Education/Entrep St: SR
  - ENTR 494 - Contemporary Issues in ENTR
  - MGMT 309 - Change Management
  - MGMT 310 - Teamwork & Team Building
  - MGMT 312 - Negotiation & Conflict Mgmt
  - MGMT 314 - Leadership
  - MGMT 385 - Project Management
  - SHRM 300 - Human Resource Management
  - SHRM 345 - Compensation
  - FINC 388 - Entrepreneurial Finance
  - MKTG 302 - Marketing Research
  - MKTG 325 - Marketing Services
  - MKTG 329 - Data Mining
  - MKTG 330 - Retail Marketing
  - MKTG 361 - Professional Selling
  - MKTG 368 - Brand Building
  - MKTG 385 - Digital Mktg and Analytics
  - MKTG 398 - Social Media Marketing
- BAIS 365 - Business Analytics

## Note(s):

- Please note that double majors (students majoring in another business discipline beside ENTR) should take electives only with the approval of the department since double-counting of courses is not permitted.

## B.S.B.A. Entrepreneurship and Innovation

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

## First Semester

- FY Seminar-CORE 100 or THEO 111
- Mathematical Perspectives-MATH 140 or 170
- ENGL 101/115
- Second Language I <sup>4</sup>
- MGMT 200 (DCR)
- BUAD 101
- CORE 101

## Second Semester

- THEO 111 or FY Seminar-CORE 100
- BAIS 210 (or STAT 210)
- Second Language II <sup>4</sup>
- ENTR 301 - Intro to Entrepreneurship and Innovation
- Social Science Elective-ECON 200 <sup>1</sup>
- BUAD 102
- CORE 102

## Sophomore Year

### First Semester

- PHIL 100
- ECON 201
- ACCT 200
- BAIS 211
- Historical Perspectives Elective
- BUAD 201

### Second Semester

- Scientific Perspectives or Natural Science Elective <sup>2</sup>
- MGMT 201 (Oral Communications & Writing Flag)
- ACCT 201
- MKTG 300
- ENTR 305 - Creativity & Innovation
- BUAD 202

## Junior Year

### First Semester

- Natural Science Elective or Scientific Perspectives <sup>2</sup>
- FINC 300 (Quantitative Reasoning Flag)
- BAIS 220



- PHIL 200 - Philosophical Perspectives Elective
- Creative Perspectives Elective
- BUAD 301

## Second Semester

- Theological Perspectives Electives
- ENGL 205
- ECON 300
- ENTR 335 - Social Entrep. and Innov.
- ENTR 303 - Entrepreneurship Internship
- BUAD 302

## Senior Year

### First Semester

- Business Core Capstone
- BLAW 300 (ERS Flag)
- MGMT 302
- ENTR Elective
- General Elective I
- BUAD 401

### Second Semester

- Humanities Elective <sup>3</sup>
- ENTR 495 - Entrep. and Innovation Capstone
- ENTR Elective
- Business Elective or additional internship for credit
- General Elective 2
- BUAD 402
- CORE 499

## Notes

- Minimum for undergraduate degree is 120 hours. Major is 21 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but must include at least 3 hours of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All except Writing Intensive Flag are included in business core curriculum
- \*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores
- ENTR-approved MKTG or interdisciplinary electives. See degree audit or consult your department.

## Management, B.S.B.A.

The Department of Management and Entrepreneurship offers the Bachelor of Science in Business Administration in Management.

The department offers a complete package of an integrated skill set for future managers and leaders to improve organizations and society. Our curricular objectives include: rapid, continual immersion into business practice; engaging rigorous and applied educational experience; transition into fulfilling careers; and lifelong learning and leadership. Our majors:

1. Learn the language of Management and Entrepreneurship used in the business world.

2. Are given an understanding for the significance of variation in human behavior in organizations.
3. Develop self-awareness, along with capabilities in problem solving, decision making, creativity, and communication.
4. Receive preparation for a variety of roles, including leader, entrepreneur, project or functional manager, and supply chain manager.
5. Are encouraged to approach business problems in an ethical, socially responsible manner.

This degree is designed for individuals who have career aspirations as management trainees, personnel trainees, in business education, who plan to attend law school, or graduate studies in business. Students interested in teaching certification in business should consult with the chair of the Education Department for certification requirements.

## Requirements for a Major in Management

### Undergraduate core curriculum requirements:

See Undergraduate Core Curriculum

### Mathematics:

- MATH 150 - Elements of Calculus I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Business core requirements:

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

## Major Requirements:

21 total credit hours required, as follows:

9 hours in specific management courses:

- MGMT 309 - Change Management
- MGMT 385 - Project Management
- MGMT 495 - Management Capstone

12 hours of major electives:

Select from

- ENTR 311 - New Venture Planning
- MGMT 305 - Creativity & Innovation or
- ENTR 305 - Creativity & Innovation

Electives:

3 hours of business electives, with suggested courses of:

- MGMT 303 - Co-Op Education/Management: Jr or
- MGMT 403 - Co-Op Education/Management: Sr (Internship)

3 hours of general electives.

Note(s):

- A 2.000 cumulative average must be attained in the courses of the major.

## B.S.B.A. Management

This block serves as a guideline for progress toward a degree. See your academic advisor.

## Freshman Year

### First Semester

- First Year Seminar--CORE 100 or THEO 111
- ENGL 101/115
- Mathematical Perspectives--MATH 140 or 170
- Second Language I <sup>4</sup>
- MKTG 300
- BUAD 101
- CORE 101

### Second Semester

- THEO 111 or FY Seminar-CORE 100
- Historical Perspectives Elective
- Second Language II <sup>4</sup>
- Social Science Elective-ECON 200 <sup>1</sup>
- BAIS 220
- BUAD 102
- CORE 102

## Sophomore Year

### First Semester

- PHIL 100
- ACCT 200
- ECON 201
- MGMT 200 (DCR)
- BAIS 210
- BUAD 201

### Second Semester

- Scientific Perspectives or Natural Sciences Elective <sup>2</sup>
- Humanities Elective <sup>3</sup>
- MGMT 201-(Oral Communications & Writing Flag)
- ACCT 201
- BAIS 211
- BUAD 202

## Junior Year

### First Semester

- Philosophical Perspectives-PHIL 200
- Creative Perspectives Elective
- FINC 300 -(Quantitative Reasoning Flag)
- MGMT 309-Change Management
- MGMT Elective 1
- BUAD 301

## Second Semester

- Theological Perspectives Elective
- ENGL 205
- ECON 300
- MGMT 385 or 333-Project Mgmt/Global Supply Chain
- MGMT Elective 2
- BUAD 302

## Senior Year

### First Semester

- Natural Science Elective or Scientific Perspective <sup>2</sup>
- Business Core Capstone
- MGMT 302
- MGMT Elective 3
- General Elective 1\*
- BUAD 401

### Second Semester

- BLAW 300 (ERS Flag)
- Management Major Capstone
- MGMT Elective 4
- Business Elective or Internship for credit
- General Elective 2\*
- BUAD 402
- CORE 499

## Notes

- Minimum for undergraduate degree is 120 hours. Major is 21 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but must include at least 3 hours of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All flags are included in business core curriculum
- \*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores

## Associate of Business Administration

## General Business, A.B.A.

# **This program is not currently accepting students.**

The Associate of Business Administration Degree in General Business requires 65 semester hours. The student must complete at least 30 hours at Xavier University, including at least 15 hours of required business courses. The program is divided between general University core requirements and business courses. This associate degree is intended as a stepping stone toward the bachelor's degree.

## **Requirements for the Associate of Business Administration**

### **University Core Requirements:**

See Undergraduate Core Curriculum

### **Business Courses:**

35 hours

- ACCT 200 - Introductory Financial Acct
- ACCT 201 - Introductory Managerial Acct
- BLAW 300 - Legal Environment
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- FINC 300 - Business Finance
- MKTG 300 - Principles of Marketing
- MGMT 300 - Managerial Behavior
- MGMT 301 - Managerial Communications
- SHRM 200 - Human Resources In a Diverse S (fulfills Cultural Diversity Elective)

### **Note(s):**

- A 2.000 cumulative average must be attained in these business courses.

## **Requirements for all Associate's Degrees**

See Requirements for Degrees, Majors, Minors, and Certificates

## **Minors**

### **Entrepreneurship and Innovation minor**

The Department of Management and Entrepreneurship offers the minor in Entrepreneurship and Innovation.

This minor is available to business and non-business undergraduate students.

15 total credit hours are required, as follows:

9 hours of required entrepreneurship courses:

- ENTR 305 - Creativity & Innovation

Complete any 2 additional courses from the following list:

- ENTR 311/MGMT 311: New Venture Planning
- ENTR 303/403: Entrepreneurship Internship
- ENTR 494: Contemporary Topics in Entrepreneurship
- MGMT 309: Change Management
- MGMT 310: Teamwork & Team Building
- MGMT 312: Negotiation & Conflict Management
- MGMT 314: Leadership
- MGMT 385: Project Management
- SHRM 300: Human Resources Management
- SHRM 345: Compensation
- FINC 388: Entrepreneurial Finance
- MKTG 302: Marketing Research
- MKTG 325: Services Marketing
- MKTG 329: Data Mining
- MKTG 330: Retail Marketing
- MKTG 361: Professional Selling
- MKTG 368: Brand Building
- MKTG 385: Digital Marketing & Analytics
- MKTG 398: Social Media Marketing
- BAIS 329: Data Mining
- BAIS 330: Introduction to Robotic Processing
- BAIS 336: Strategic Sourcing
- BAIS 365: Management Science/Linear Programming
  
- ACCT 200 - Introductory Financial Acct
- MKTG 300 - Principles of Marketing (included in the Business Core for WCB students).

3 hours of business:

- BLAW 300 - Legal Environment
- SHRM 200 - Human Resources In a Diverse S or
- ECON 200 - Microeconomic Principles (included in the Business Core for WCB students).

Note(s):

- A 2.000 cumulative average must be attained in the courses of the minor.
- At least half of these credit hours must be taken at Xavier.

## Management Minor

This minor is for Non-Business majors only.

15 total credit hours are required, as follows:

3 credit hours in:

- MGMT 200 - Organizational Management

## 12 credit hours of MGMT or SHRM electives

- MGMT Elective #1 (excluding 201, 303, and 403)
- MGMT Elective #2 (excluding 201, 303, and, 403)
- MGMT/SHRM Elective #3 (excluding 201)
- MGMT/SHRM Elective #4 (excluding 201)

## Strategic Human Resource Management Minor

The Department of Management, Entrepreneurship and Strategic Human Resources offers the minor in Strategic Human Resources Management.

This minor is available to any undergraduate student. It is designed to give business and non-business majors skills that will enhance their attractiveness to employers upon graduation. Since all managers are people managers, the Strategic HRM minor benefits all future managers. It also provides an opportunity to pursue a business specialty in HR. Strategic HRM concerns the total activity of an organization, business, or firm as these activities relate to the work force. Such activities include employment law, recruiting and selection, training and development, performance management, compensation and benefits, workplace diversity, and labor relations.

Outside of the classroom, students expand their knowledge by participating in a part-time or full-time internship in human resources. Credit and non-credit opportunities are available.

## Requirements for the Strategic Human Resource Management Minor

15 total credit hours are required, as follows:

3 hours specifically required:

- SHRM 200 - Human Resources In a Diverse S
- MGMT 200 - Organizational Management

9 hours of SHRM Electives

- From SHRM 301-499 (excluding 303 and 403)

3 hours from the following:

- SHRM 303 - Human Resources Internship I
- SHRM 403 - Human Resources Internship II
- BAIS 311 - Sabermetrics
- BAIS 329 - Data Mining
- BAIS 358 - Data Modeling and Management
- BAIS 365 - Business Analytics
- ECON 350 - Business Cycles & Forecasting
- ECON 370 - Historic Dev of Amer Econ
- ECON 410 - Economic Growth
- ECON 460 - Labor Economics
- FINC 388 - Entrepreneurial Finance
- FINC 480 - Risk Management & Insurance
- MKTG 361 - Professional Selling



- MKTG 362 - Professional Selling Practicum
- MKTG 370 - Consumer Behavior
- MKTG 385 - Digital Mktg and Analytics
- PSYC 321 - Industrial-Organizational Psyc
  
- HESA 210 - HC Marketing & Strategic Mgmt

## Note(s):

- No more than three (3) hours may double count between MGMT major and SHRM minor (excluding SHRM 200, which is fulfilled in the business core; this is not considered double counting).
- A 2.000 cumulative average must be attained in the courses of the minor.

## Certificate

### Innovation Certificate

This certificate is offered as part of the Castellini Foundation Business Certificate Program.

## Curriculum

### Choose 3 of 4:

- ENTR 694 Technology and Innovation Management
- ENTR 611 New Venture Creation
- ENTR 605 Strategic Innovation
- ENTR 631 Corporate Innovation and Entrepreneurship

## Marketing

### Bachelor of Science in Business Administration

### Marketing, B.S.B.A.

The Department of Marketing offers the degree of Bachelor of Science in Business Administration in Marketing.

Marketing is the activity, set of institutions and processes for creating, communicating, delivering and exchanging offerings that have value for customers, clients, partners and society at large. This is accomplished through marketing research, product planning and pricing, promotion, and distribution. The Marketing major develops an understanding of the concepts, functions and institutions of marketing, an appreciation of consumer orientation, and the ability to analyze marketing problems and formulate marketing policies.

This program is particularly relevant to the student planning a career in sales, advertising, consumer relations, merchandising, brand management, marketing management, marketing research, retailing, services, purchasing, business logistics, small business operations, executive management, consulting, business education, or work in certain government agencies.

## Requirements for the Marketing Major

### Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including

### Mathematics:

- MATH 140 - Concepts of Calculus

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Business core requirements

## Business Core Courses

A 2.00 grade point average must be attained in the business core. At least half of the 45 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BAIS 210 - Quantitative Methods](#)
- [BAIS 211 - Intro to Business Analytics](#)
- [BAIS 220 - Mgmt of Info Tech](#)
- [BAIS 302 - Intro to Ops & Supply Chain Mg](#)
- [BLAW 300 - Legal Environment](#)
- [BUAD 398 - Business Core Capstone](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [MGMT 200 - Organizational Management](#)
- [MGMT 201 - Business & Professional Comm](#)
- [MKTG 300 - Principles of Marketing](#)

### Major Requirements:

21 total credit hours required (in addition to MKTG 300), as follows:

#### 9 hours of foundations specifically required:

- MKTG 302 - Marketing Research
- MKTG 370 - Consumer Behavior
- MKTG 495 - Mktg Planning & Analysis

#### 12 hours of electives required:

- Select from MKTG 306-494 (except MKTG 403) (Refer to Course Descriptions.)
- BAIS 329 - Data Mining can be used.

#### Electives:

- 3 hours of business electives (business co-op can be included here via MKTG 303 or MKTG 403).

#### Note(s):

- A 2.000 cumulative average must be attained in these marketing courses.
- The student must earn a grade of "C" or better in MKTG 300 to advance to upper level marketing courses.
- MKTG 495 - prerequisites: successful completion of 9 hours of Marketing course work (above 300) - MKTG 495 must be taken in the last semester.
- MKTG 302 - prerequisites: successful completion of STAT 211 (C- or better)

## B.S.B.A. Marketing

This block serves as a guideline for progress toward a degree. See your academic advisor.

### Freshman Year

#### First Semester

- First Year Seminar-CORE 100 or THEO 111
- Mathematical Perspectives --MATH 140
- ENGL 101/115
- Second Language I <sup>4</sup>
- MKTG 300
- BUAD 101
- CORE 101

#### Second Semester

- THEO 111 or First-Year Seminar-CORE 100
- Second Language II <sup>4</sup>
- Historical Perspectives Elective
- Social Science Elective-ECON 200<sup>1</sup>
- BAIS 220
- BUAD 102
- CORE 102

### Sophomore Year

## First Semester

- PHIL 100
- ECON 201
- ACCT 200
- BAIS 210
- MGMT 201 (Oral Communications & Writing Flag)
- BUAD 201

## Second Semester

- Scientific Perspectives/Natural Sciences ELEC <sup>2</sup>
- Philosophical Perspectives-PHIL 200
- ACCT 201
- MGMT 200 (DCR flag)
- BAIS 211
- BUAD 202

## Junior Year

### First Semester

- Humanities Elective<sup>3</sup>
- Creative Perspectives Elective
- FINC 300-(Quantitative Reasoning Flag)
- MKTG Elective 1
- MKTG 370-Consumer Behavior
- BUAD 301

### Second Semester

- Theological Perspectives Elective
- ENGL 205
- MKTG 302
- MKTG Elective 2
- General Elective 1\*
- BUAD 302

## Senior Year

### First Semester

- Natural Science ELEC or Scientific Perspectives<sup>2</sup>
- MKTG Elective 3
- MKTG Elective 4
- ECON 300
- Business Elective or Internship for Credit
- BUAD 401

## Second Semester

- MGMT 302
- Business Core Capstone
- MKTG 495-Marketing Planning and Analysis
- BLAW 300 (ERS flag)
- General Elective 2\*
- CORE 499
- BUAD 402

## Scheduling Notes:

- Minimum for undergraduate degree is 120 hours. Major is 21 hours (plus business elective or internship for credit).
- 1-Social Science: Business majors must take ECON 200 as Social Science Elective
- 2-Science: Take any six hours of science - but **must include at least 3 hours** of Natural Science such as BIOL, CHEM or PHYS
- 3-Humanities: Include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)
- 4-Foreign Language: Must complete 201-level
- FLAGS: All flags are included in business core curriculum
- \*General electives may be filled by any course or pre-requisites based on Math or Foreign Language placement scores

## MBA Office

### Master of Business Administration

### Business Administration, M.B.A. (Evening MBA)

### Evening MBA

The Master of Business Administration Program at Xavier University is designed to meet the educational needs of potential and practicing executives. Xavier's MBA program offers an applied realistic approach to education, utilizing a balanced presentation of relevant theory combined with practical case study. The Xavier MBA is an experience in participative learning: case analyses, lectures, group projects, consulting experiences, technology inclusive assignments and simulations. Faculty expertise, numerous live case learning opportunities, and exemplary methods of instruction enable Xavier MBA students to acquire the disciplines and skills of business. Students develop problem-solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

The Xavier MBA program is accredited by The Association to Advance Collegiate Schools of Business ([AACSB.edu](http://AACSB.edu)), an accreditation held by only one-third of the existing MBA programs globally.

The GMAT/GRE is not required for MBA admission. The MBA office reserves the right to request GMAT/GRE test scores if deemed necessary by the MBA Admissions Committee.

It is the responsibility of the graduate student to become informed concerning all required regulations and procedures and to know all courses required for the MBA course of study. In no case will a regulation or course be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority. MBA students must abide by all regulations contained in the MBA Academic Standards form and uphold the standards and expectations of the Ethics Policy.

Xavier MBA participates in a unique partnership with other AACSB accredited Jesuit universities' MBA programs, which are located across America. Under the terms of the partnership, each institution works to accept the majority of the coursework completed toward an MBA degree at another participating institution. However, the ultimate decision on course transfer lies with the degree granting institution. Each course transferring must carry a grade of "B" or higher. The MBA is awarded by the institution where more than half of the core degree requirements were completed. From all other AACSB institutions, a maximum of six semester hours of transfer credit for core level and elective courses may be accepted toward the MBA degree. All transferred coursework must be approved by the MBA office and carry a grade of "B" or better. Graduate courses already applied towards a degree may not be used again for credit toward another graduate degree. The grade and quality points for credits transferred from another institution are not included in a student's grade point average. Credit from non AACSB accredited institutions is not considered for transfer credit.

# MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

## Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

**Note(s):**

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
- All MBA electives, no matter the department, count toward the Business Administration (MBAN) concentration, which is the default concentration for all students.
- A declaration of concentration is made via the MBA office website. Opportunities for international study trips, internships, independent study tutorials, and experimental courses are often available for students and count towards the Business Administration concentration. Such opportunities must be discussed with an MBA advisor. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

### MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Business Administration, M.B.A. (Full-Time Day MBA Program)

The Full Time MBA is designed to be a 1-year cohort, Master of Business Administration program for undergraduates who have recently completed their undergraduate degrees, as well as those with early career experience. It is a cohort program designed for the academically talented individual with a keen interest in experiencing a rigorous MBA program that blends academic challenge, experiential learning, career development, and a team-based learning environment in the Jesuit tradition.

The 39-credit hour program includes nine core courses, one Capstone course, and three suggested elective courses. The program builds upon the academic talents & foundations of students and offers a myriad of "classroom to conference room" avenues such as: international study, internships, consulting projects, business plan development, company visits, and extensive networking.

Classes are held during the day. The full-time course load, on average, will be between 4-5 classes. The two MBA foundation courses of ACCT 500: Financial Accounting and BAIS 500: Business Statistics must be taken before the start of the program. Consult with a MBA advisor before registering for equivalents.

The Full Time MBA offers a professional development program that will run throughout the entire course of the program. Professional development programming will take place on Fridays. A global immersion experience, an internship, the Executive Mentor program, and other experiential opportunities is highly stressed.

### Foundation Courses

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

### MBA Core

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

### Capstone

Choose one:

- BUAD 690 - Corporate Governance
- BUAD 691 - Global Strategic Thinking
- BUAD 694 - Bond Portfolio Management

## Electives

In-depth studies into areas such as Business Administration, Business Intelligence, Finance, Innovation/Change/Entrepreneurship, International Business, Marketing, Pricing Strategy, Supply Chain Management and Values Based Leadership. A minimum of 9 credit hours of elective coursework are required in the electives area some have more. A concentration fulfills the electives requirement of the degree.

## Business Administration, M.B.A. (Online MBA)

The On-Line MBA is designed to meet the needs of working professionals who cannot easily attend on-campus classes. All required courses are offered on line. On-Line MBA classes start 6 times a year in August, October, January, March, May and late June. Classes are offered in an 8 week usually synchronous format, making it possible for students to take two classes separately, but sequentially in a semester - thus maintaining part-time student status. Students follow an established curriculum of 15 courses. And, as courses are taken one at a time, completion time usually ranges from 2.5 to 3 years.

Some concentrations are available via the On-Line MBA. Students must contact an advisor to declare a concentration.

On Line MBA students may elect to take classes in the Evening MBA program.

On-line MBA students are required to work with a MBA advisor before beginning classes.

## Foundation Courses

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

## Required Courses

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics
- BAIS 551 - Operational Analysis
- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Electives

9 credit hours

Elective courses give MBA students an opportunity to tailor the MBA program in fields that are applicable to a student's professional goals and personal interests. Elective options vary by semester, and new electives are often added based on current topics in business

## Capstone

- BUAD 690 - Corporate Governance or



- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Business Intelligence, M.B.A. (Online MBA)

### Evening MBA

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Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

The Xavier MBA program is accredited by The Association to Advance Collegiate Schools of Business ([AACSB.edu](http://AACSB.edu)), an accreditation held by only one-third of the existing MBA programs globally.

The GMAT/GRE is not required for MBA admission. The MBA office reserves the right to request GMAT/GRE test scores if deemed necessary by the MBA Admissions Committee.

It is the responsibility of the graduate student to become informed concerning all required regulations and procedures and to know all courses required for the MBA course of study. In no case will a regulation or course be waived or an exception granted because a student pleads ignorance of the regulation or asserts that information was not given by an advisor or other authority. MBA students must abide by all regulations contained in the MBA Academic Standards form and uphold the standards and expectations of the Ethics Policy.

Xavier MBA participates in a unique partnership with other AACSB accredited Jesuit universities' MBA programs, which are located across America. Under the terms of the partnership, each institution works to accept the majority of the coursework completed toward an MBA degree at another participating institution. However, the ultimate decision on course transfer lies with the degree granting institution. Each course transferring must carry a grade of "B" or higher. The MBA is awarded by the institution where more than half of the core degree requirements were completed. From all other AACSB institutions, a maximum of six semester hours of transfer credit for core level and elective courses may be accepted toward the MBA degree. All transferred coursework must be approved by the MBA office and carry a grade of "B" or better. Graduate courses already applied towards a degree may not be used again for credit toward another graduate degree. The grade and quality points for credits transferred from another institution are not included in a student's grade point average. Credit from non AACSB accredited institutions is not considered for transfer credit.

### MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

### Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

### The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
- All MBA electives, no matter the department, count toward the Business Administration (MBAN) concentration, which is the default concentration for all students.
- A declaration of concentration is made via the MBA office website. Opportunities for international study trips, internships, independent study tutorials, and experimental courses are often available for students and count towards the Business Administration concentration. Such opportunities must be discussed with an MBA advisor. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Finance, M.B.A. (Evening MBA, Online MBA)

### Evening MBA

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participative learning: case analyses, lectures, group projects, consulting experiences, technology inclusive assignments and simulations. Faculty expertise, numerous live case learning opportunities, and exemplary methods of instruction enable Xavier MBA students to acquire the disciplines and skills of business. Students develop problem-solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

The Xavier MBA program is accredited by The Association to Advance Collegiate Schools of Business ([AACSB.edu](http://AACSB.edu)), an accreditation held by only one-third of the existing MBA programs globally.

The GMAT/GRE is not required for MBA admission. The MBA office reserves the right to request GMAT/GRE test scores if deemed necessary by the MBA Admissions Committee.

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## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

### Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
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- A declaration of concentration is made via the MBA office website. Opportunities for international study trips, internships, independent study tutorials, and experimental courses are often available for students and count towards the Business Administration concentration. Such opportunities must be discussed with an MBA advisor. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Innovation, Change and Entrepreneurship, M.B.A. (Evening MBA)

### Evening MBA

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Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

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## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

## Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

### Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

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## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## International Business, M.B.A. (Evening MBA)

### Evening MBA

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## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

## Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
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## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Management, M.B.A. (Executive MBA Program)

The Executive MBA Program works to develop a student's executive presence. The EMBA student will be ready to lead in a variety of business models & view the whole business with an enterprise wide lens. As a result of their experience, the EMBA student will identify the difference between creating & adding value, all the while successfully navigating a professional network.

The Executive MBA experience is a fast-paced condensed-learning format with mandatory team projects and collaborative learning. The EMBA is cohort based and structured EMBA admission takes place once a year in the Fall term. It runs for 16 months with classes running all day, every other Friday and Saturday. A global immersion is required as part of the program. Consulting projects are found throughout the program.

Information regarding the Executive MBA Program may be obtained from the director of the EMBA at [xmba@xavier.edu](mailto:xmba@xavier.edu) or 513-745-4800.

## Curriculum

- ACCT 750 - Financial Accounting
- ACCT 751 - Managerial Accounting
- BAIS 750 - Strategic Info Tech
- BAIS 752 - Operations Supply Chain Mgmt
- BLAW 750 - View Bus Through Legal Lens
- BLAW 751 - View Bus Through Eth Lens
- BUAD 750 - Immersion Phase 1
- BUAD 751 - Integrative Project Phase 2
- BUAD 752 - Integrative Project Phase 3
- BUAD 754 - Integrative Capstone Project
- BUAD 755 - International Residency
- BUAD 790 - Corporate Governance
- ECON 750 - Managerial Economics
- ECON 751 - International Economics
- FINC 750 - Value Creation
- FINC 751 - Financial Strategy
- MGMT 750 - Leading Organizations Micro
- MGMT 751 - Leading Organizations Macro
- MGMT 753 - Strategic Sustainability
- MKTG 750 - Marketing Strategy
- MKTG 751 - Marketing Strategy
- STAT 750 - Statistics For Managers

## Marketing, M.B.A. (Evening MBA)

### Evening MBA

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solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

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## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

Note(s):

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

### The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

### Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

## Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
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## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program to earn a concentration in any of the above areas or take graduate level business courses in line with personal interests. The MBA Plus program is not a degree granting program.

## Pricing Strategy, M.B.A. (Evening MBA)

### Evening MBA

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on course transfer lies with the degree granting institution. Each course transferring must carry a grade of "B" or higher. The MBA is awarded by the institution where more than half of the core degree requirements were completed. From all other AACSB institutions, a maximum of six semester hours of transfer credit for core level and elective courses may be accepted toward the MBA degree. All transferred coursework must be approved by the MBA office and carry a grade of "B" or better. Graduate courses already applied towards a degree may not be used again for credit toward another graduate degree. The grade and quality points for credits transferred from another institution are not included in a student's grade point average. Credit from non AACSB accredited institutions is not considered for transfer credit.

## MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

### Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- BAIS 500 - Business Statistics

**Note(s):**

- One or both of these courses may be waived depending upon the student's previous academic credentials provided the prior academic coursework is less than five years old and has a grade of "B" or higher. The CLEP waiver exam meeting the minimum score is accepted for ACCT 500. A CLEP score of 65 is the minimum score for waiver consideration. A Xavier-based waiver exam is available for BAIS 500. Either exam -may be taken once. If not passed, then the corresponding foundation course must be taken. These courses must be completed before those courses with the pre-requisite.

### The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

- ACCT 550 - Managerial Accounting
- BAIS 550 - Business Information Systems
- BAIS 551 - Operational Analysis
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

### Capstone

3 semester hours

- Pre-requisite: complete all the required M.B.A. courses.
- Designed to draw on the cumulative knowledge and experience gained during the M.B.A. experience.

Choose one:

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management

### Choose a Concentration

- Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Students may tailor electives in the area of concentration of their choice to provide a broader understanding of the business world or to specialize their degree.
- All MBA electives, no matter the department, count toward the Business Administration (MBAN) concentration, which is the default concentration for all students.
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## Requirements for Each Concentration (Minimum of 9 credit hours required)

- **Business Administration** (9 credit hours)
- **Business Intelligence** (9 credit hours)
- **Finance** (12 credit hours)
- **Innovation, Change & Entrepreneurship** (9 credit hours)
- **International Business** (9 credit hours)
- **Marketing** (9 credit hours)
- **Pricing Strategy** (9 credit hours)
- **Supply Chain Management** (9 credit hours)
- **Values-Based Leadership** (9 credit hours)

### MBA Plus Concentration

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## Supply Chain Management, M.B.A. (Online MBA)

### Evening MBA

The Master of Business Administration Program at Xavier University is designed to meet the educational needs of potential and practicing executives. Xavier's MBA program offers an applied realistic approach to education, utilizing a balanced presentation of relevant theory combined with practical case study. The Xavier MBA is an experience in participative learning: case analyses, lectures, group projects, consulting experiences, technology inclusive assignments and simulations. Faculty expertise, numerous live case learning opportunities, and exemplary methods of instruction enable Xavier MBA students to acquire the disciplines and skills of business. Students develop problem-solving and decision-making abilities and the capacity for continued learning, strategic decision making, comprehensive corporate stewardship, and personal ethics & leadership. The Evening MBA program is offered on the main Xavier campus in Norwood, Ohio.

Students in the Evening MBA may attend part-time or full-time, though full-time students are encouraged to join the full time day MBA.

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### MBA Degree Requirements

The Master of Business Administration requires a minimum of 39 credit hours with a GPA of at least 3.000.

Foundation Skills (500-level) courses do not count toward the 39-hour minimum.

## Foundation Courses

(6 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
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**Note(s):**

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## The MBA Core

27 semester hours

These specific topics emphasize the integration of skills applied to complex business decisions.

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## Capstone

3 semester hours

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Choose one:

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## Requirements for Each Concentration (Minimum of 9 credit hours required)

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## Values Based Leadership, M.B.A. (Online MBA)

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3 semester hours

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- BUAD 691 - Global Strategic Thinking or
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## Other Programs

## Pre-MBA Studies Plan

This plan satisfies the foundation courses required for the Xavier MBA programs. It is designed for the non-business student or for the returning student who already has completed a bachelor's degree. Upon admission to the MBA program, the pre-MBA will count for the waiver of the 500 level foundation courses provided the courses were completed within the previous five years and a grade of "B" or above was attained in each course. Foundation course waivers apply to the Full Time MBA, Evening MBA, and the On Line MBA. Admission to the Pre-MBA Studies plan does not guarantee MBA program acceptance or admission.

### Requirements for Pre-MBA Studies Plan:

Plan is 9 hours.

### Required courses include:

- ACCT 200 - Introductory Financial Acct
- BAIS 210 - Quantitative Methods
- BAIS 211 - Intro to Business Analytics

### Note(s):

- A grade of "B" must be attained in these courses and they must be less than five years old for M.B.A. foundation course waiver.

## Course Descriptions

Below you will find courses that have been permanently approved as active courses as of the time of publication of this catalog. Please be aware that the course offerings at Xavier University are continually under examination and revision.

To locate the most current course prerequisites, co-requisites, registration restrictions, as well as information for courses that may be currently taught under experimental status, please click [here](#)

### ACCT 200 - Introductory Financial Acct

## ACCT 200 - Introductory Financial Acct

#### 3 Credit Hours

A foundation course which provides an introduction to fundamental concepts and to financial statements.

Levels: Undergraduate

*Williams College of Business Accountancy*

### ACCT 201 - Introductory Managerial Acct

## ACCT 201 - Introductory Managerial Acct

#### 3 Credit Hours

Identifying, measuring, analyzing, and interpreting accounting data that is used to support managerial decision-making.

Prerequisites: ACCT200

Levels: Undergraduate



**ACCT 300 - Accounting Profession & Ethics**

# **ACCT 300 - Accounting Profession & Ethics**

**3 Credit Hours**

This course utilizes an interactive approach to introduce the role of professionalism and ethics in a variety of professional accounting career tracks. Students learn about the accounting profession, its key skills and behaviors, and how to apply established guidelines regarding professionalism and ethical conduct

**Levels:** Undergraduate

**ACCT 303 - Internship / Accounting Junior**

# **ACCT 303 - Internship / Accounting Junior**

**3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved accounting-related work experience. Student must have completed 55 credit hours and have a 2.750 GPA. Department approval required

**Prerequisites:** MGMT301

**Levels:** Undergraduate

**ACCT 304 - Acct Info Systems & Controls**

# **ACCT 304 - Acct Info Systems & Controls**

**3 Credit Hours**

A business process approach is used to illustrate how information flows through an organization and its effect on information system integration risk and internal control. Students learn how to document, evaluate and analyze accounting systems.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of B-

**Levels:** Undergraduate

**ACCT 307 - Fin Actg & Reporting I**

# **ACCT 307 - Fin Actg & Reporting I**

**3 Credit Hours**

Study of financial accounting theory and principles applicable to the accumulation, analysis, measurement, reporting and interpretation of selected economic events. The first of a three course sequence.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of B-

**Restrictions:** Must be enrolled in one of the following Classifications: Sophomore Senior Junior

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 308 - Fin Actg & Reporting II**

# **ACCT 308 - Fin Actg & Reporting II**

### **3 Credit Hours**

Study of financial accounting theory and principles applicable to the accumulation, analysis, measurement, reporting and interpretation of selected economic events. The second of a three course sequence.

**Prerequisites:** Undergraduate level ACCT307 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 309 - Fin Actg & Reporting III**

# **ACCT 309 - Fin Actg & Reporting III**

### **3 Credit Hours**

Study of financial accounting theory and principles applicable to the accumulation, analysis, measurement, reporting and interpretation of selected economic events. The third of a three course sequence.

**Prerequisites:** Undergraduate level ACCT308 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 311 - Introduction to Taxation**

# **ACCT 311 - Introduction to Taxation**

### **3 Credit Hours**

This course provides an introduction to federal income tax with a focus on compliance, planning, tax research, and ethical issues associated with the taxation of individuals and Sole Proprietorships. The course also provides a basic overview of the tax implications of formation and operation on other types of business entities.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 312 - Volunteer Income Tax Asst I**

# **ACCT 312 - Volunteer Income Tax Asst I**

### **3 Credit Hours**

A service learning course that includes additional study of federal and state income tax topics, marketing and administration of tax preparation services, and preparation of federal and state income tax returns for low income and elderly taxpayers.

**Prerequisites:** Undergraduate level ACCT311 Minimum grade of B

**Levels:** Undergraduate

**ACCT 313 - Volunteer Income Tax Asst II**

# **ACCT 313 - Volunteer Income Tax Asst II**

**3 Credit Hours**

A service learning course in which individual income tax returns that are prepared through the VITA program will be reviewed, assembled, and delivered to taxpayers. Marketing and administration of the program are additional course requirements. All phases of the course enable the student to enhance his/her knowledge of taxation, administrative skills, and written and oral communication skills while providing a valuable service to low income taxpayers in the community.

**Prerequisites:** Undergraduate level ACCT312 Minimum grade of A

**Levels:** Undergraduate

**ACCT 385 - Financial Modeling**

# **ACCT 385 - Financial Modeling**

**3 Credit Hours**

0

**Prerequisites:** ( INFO120 or BAIS120 or INFO200 or BAIS200 or INFO220 or BAIS220) and Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

**ACCT 403 - Internship / Accounting Senior**

# **ACCT 403 - Internship / Accounting Senior**

**3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved accounting-related work experience. Student must have completed 55 credit hours and have a 2.750 GPA

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

**ACCT 412 - VITA II**

# **ACCT 412 - VITA II**

**3 Credit Hours**

A service learning course in which individual income tax returns that are prepared through the VITA program will be reviewed, assembled, and delivered to taxpayers. Marketing and administration of the program are additional course requirements. All phases of the course enable the student to enhance his/her knowledge of taxation, administrative skills, and written and oral communication skills while providing a valuable service to low income taxpayers in the community.

**Prerequisites:** Undergraduate level ACCT312 Minimum grade of A

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 414 - Corporate Taxation**

# **ACCT 414 - Corporate Taxation**

### **3 Credit Hours**

This course introduces students to income tax planning and compliance under U.S. tax law, and financial reporting under U.S. GAAP, for business entities taxed as C-corporations.

**Prerequisites:** Undergraduate level ACCT311 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 415 - Nonprofit and Govt Acct**

# **ACCT 415 - Nonprofit and Govt Acct**

### **3 Credit Hours**

This course is designed to introduce students to financial reporting for governmental entities at the municipal, state and federal level as well as other non-governmental not-for-profit organizations.

**Prerequisites:** Undergraduate level ACCT308 Minimum grade of C

**Course Attributes:** Service Learning

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 421 - Nonprofit & Govt Acct**

# **ACCT 421 - Nonprofit & Govt Acct**

### **3 Credit Hours**

This course is designed to introduce students to Governmental Accounting Standards and reporting for governmental entities at the municipal, state and federal level as well as other non-governmental not-for-profit organizations.

**Prerequisites:** Undergraduate level ACCT308 Minimum grade of C

**Course Attributes:** Service Learning

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 425 - Cost Accounting**

# **ACCT 425 - Cost Accounting**

### **3 Credit Hours**

The study of the integrated audit process from the perspectives of standards, audit planning, internal controls, ethics and the application of sound judgement in the decision making process.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of B- and Undergraduate level ACCT201 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Accountancy*

### **ACCT 429 - Advanced Financial Accounting**

# **ACCT 429 - Advanced Financial Accounting**

**3 Credit Hours**

Study of financial accounting theory and principles applicable to the accumulation, analysis, measurement, reporting and interpretation of selected economic events.

**Prerequisites:** Undergraduate level ACCT308 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Accountancy*

### **ACCT 485 - Financial Modeling**

# **ACCT 485 - Financial Modeling**

**3 Credit Hours**

The course is designed to develop the students' ability to integrate an electronic spreadsheet into the identification, analysis and solution stages of financial problems. Through this course, students will gain a conceptual as well as a practical understanding of spreadsheets and will be equipped with the spreadsheet skills needed to engage in economic financial modeling.

**Prerequisites:** ( INFO120 or INFO200 or INFO220 or BAIS120 or BAIS200 or BAIS220) and Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Accountancy*

### **ACCT 490 - Auditing**

# **ACCT 490 - Auditing**

**3 Credit Hours**

The study of the integrated audit process from the perspectives of standards, audit planning, internal controls, ethics and the application of sound judgement in the decision making process.

**Prerequisites:** Undergraduate level ACCT304 Minimum grade of C and Undergraduate level ACCT308 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Accountancy*

### **ACCT 498 - Tutorial in FIn Actg**

# **ACCT 498 - Tutorial in FIn Actg**

**1 - 2 Credit Hours**

0

**Prerequisites:** Undergraduate level ACCT308 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 499 - Independent Study**

# **ACCT 499 - Independent Study**

### **1 - 3 Credit Hours**

The independent study in accounting is designed for a student to work with an instructor to develop knowledge and understanding of advanced topics in accounting. Independent studies must be approved by the department chair.

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 500 - Foundations of Financial Acct**

# **ACCT 500 - Foundations of Financial Acct**

### **3 Credit Hours**

A foundation course that focuses on the basic concepts, standards, and principles of financial accounting.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Accountancy*

## **ACCT 550 - Managerial Accounting**

# **ACCT 550 - Managerial Accounting**

### **3 Credit Hours**

This course examines the use of accounting information to enhance value across a supply chain. In addition, the role of accounting information in support of the evaluation of business unites and management is considered.

**Prerequisites:** ACCT500 or Accounting 500 Financial 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Accountancy*

## **ACCT 695 - Individual Reading & Research**

# **ACCT 695 - Individual Reading & Research**

### **1 - 3 Credit Hours**

ACCT 695 is designed to be a tutorial for graduate students seeking to explore independent study in accounting topics in one or more of the following areas: Accounting information systems, cost accounting, advanced financial accounting, auditing, taxation, professional issues and other specialized areas in accounting.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **ACCT 750 - Financial Accounting**

# **ACCT 750 - Financial Accounting**

### **3 Credit Hours**

The course introduces the basic principles and concepts of financial accounting and reporting with an emphasis on financial statement presentation, disclosure, and analysis.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

## **ACCT 751 - Managerial Accounting**

# **ACCT 751 - Managerial Accounting**

### **3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

## **APEX 100 - Leadership and Transformation**

# **APEX 100 - Leadership and Transformation**

### **3 Credit Hours**

What grand vision seeks to emerge in and through me? What leadership qualities do I have to cultivate to make this vision true? This course introduces students to emerging paradigms of visionary leadership that go beyond transactional approaches that emphasize self-interest and utility. Visionary leaders call forth the best in people, organizing them around an energizing sense of purpose. This paradigm focuses on who a leader is as a foundation for what a leader does. It encourages people to awaken to a deeper purpose within themselves as a means for transformation. This course places special emphasis on the spiritual and contemplative dimensions of leadership formation, encourages students to identify and cultivate core values and character strengths and helps students discern how to best serve their own leadership vision.

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

## **APEX 200 - Career Path Planning and Dev**

# **APEX 200 - Career Path Planning and Dev**

### **3 Credit Hours**

This course provides students with the opportunity to reflect on themselves as professionals. Students will learn how to identify professional opportunities that fit with their values, skills, and personality traits. They will learn effective networking, resume writing, and interview skills to improve their ability to be successful in their chosen career path. They will learn to reflect upon and consider their career path as it evolves.

**Restrictions:** Must be assigned one of the following Student Attributes: ADC Accelerated Degree Complet APEX Adult Day/Evening

**Course Attributes:** ADC Accelerated Deg Completion

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**ARAB 101 - Elementary Arabic I**

# ARAB 101 - Elementary Arabic I

**3 Credit Hours**

An introduction to speaking, listening, reading, and writing the Arabic language at the elementary level.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ARAB 102 - Elementary Arabic II**

# ARAB 102 - Elementary Arabic II

**3 Credit Hours**

Continuation of Arabic 101, further emphasizing the speaking, listening, reading, and writing of the Arabic language at the elementary level.

**Prerequisites:** ARAB101

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ARAB 201 - Intermediate Arabic I**

# ARAB 201 - Intermediate Arabic I

**3 Credit Hours**

Focus on culture and language as well as on improving listening, speaking, reading, and writing abilities at the intermediate level. Prereq: ARAB 102 or equivalent.

**Prerequisites:** Undergraduate level ARAB102 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ARTS 100 - Seminar: Freshman Art Majors**

# ARTS 100 - Seminar: Freshman Art Majors

**1 Credit Hours**

The role of art in human life and society is examined through the investigation of historical and contemporary artists' work, including visits with Xavier University art and graphic design alumni. Students are guided in the process of writing formal visual analyses about art with visits to local art museums. Mentoring students' creative initiative, artistic growth and commitment within the department's tracks of study and for future careers is emphasized.

**Co-requisites:** ARTS101

**Restrictions:** Must be enrolled in one of the following Majors: Art Art Graphic Design

**Levels:** Undergraduate



## **ARTS 101 - Two-Dimensional Design**

# **ARTS 101 - Two-Dimensional Design**

### **3 Credit Hours**

Two-Dimensional Design is an introduction to art and design within a two-dimensional context. It is a hands-on class that develops the fundamental design skills to aid the student in any area of emphasis within the Department of Art. This course combines lectures and presentations, demonstrations, discussions, research, videos, and formal class critiques. Grading focuses on process, creativity, formal and technical understanding, and communication. Students learn to identify successful compositional elements and strategies. Projects are seen as exercises and experiments with limited variables and restraints. In-class critiques enable students to strengthen their ideas and become fluent in verbally articulating how they assess a work of art. Projects focus on line, rhythm, shape & rotation, value, and color.

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Art Art History Graphic Design

**Levels:** Undergraduate

## **ARTS 102 - Drawing I**

# **ARTS 102 - Drawing I**

### **3 Credit Hours**

This introductory studio course will focus on the interpretation of form based on observation from life using a variety of traditional material including graphite, charcoal and white colored pencil. This class aims to enable the student to understand how to translate three-dimensional form to two-dimensional form. The class will introduce visual measuring, methods for determining shape proportions and linear perspective and tonal strategies (additive and reductive) for composition, volume and narrative effect.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

## **ARTS 103 - Painting I**

# **ARTS 103 - Painting I**

### **3 Credit Hours**

This studio course introduces the materials and approaches to oil painting and the interpretation of form based on observation from life. Students learn how to modulate color using a double primary color wheel system, approximate color they observe and learn to build paintings in a succession of layers. Oil paint materials and their physical properties are explained and demonstrated. Students compose and work from individual still-lives they compose. Assignments, both in and out of class, will apply 2D design, drawing and color theory to coursework.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

## **ARTS 104 - Printmaking I**

# **ARTS 104 - Printmaking I**

### **3 Credit Hours**

An introduction to print media in the following areas: relief (i.e., collagraph, woodcut, linoleum cut), intaglio (etching), monotype, screenprinting and lithography. Emphasis is on technical mastery alongside content development, edition printing, print suites, shop etiquette, and personal growth.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## **ARTS 105 - Three-Dimensional Design**

# **ARTS 105 - Three-Dimensional Design**

### **3 Credit Hours**

In this studio course, students will learn about the elements and principles of three dimensional design, which will serve as an introduction to the study of three dimensional art forms. Students will be introduced to the basic design elements of form, space, volume, mass, weight, planes and surfaces, line texture, light and color. The design concepts of proportion, scale, balance, movement, rhythm/repetition, emphasis/dominance will also be included. Students will gain a working knowledge of structural patterns of form, linear and planar analysis of form, analysis of implied form, and of manipulative devices applied to form. For Art majors and minors only.

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Art Art History Graphic Design

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## **ARTS 106 - Fiber Arts I**

# **ARTS 106 - Fiber Arts I**

### **3 Credit Hours**

This course offers an introduction to a variety of fiber techniques during the fall and spring semesters. The emphasis is on woven structures while stressing design concepts and aesthetic values. Off-loom fiber experiences include, but are not limited to: exploration of natural materials, coiling, Batik, handmade silk paper, fiber collage, feltmaking, painting/designing on textiles, stamping, surface design, stenciling, printing from nature, discharge dyeing and quilting. On-loom fiber experiences include, but are not limited to: pattern weaving, tapestry, double weave techniques, painted warp and weft weaving, dyeing, and woven shibori.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## **ARTS 107 - Sculpture I**

# **ARTS 107 - Sculpture I**

### **3 Credit Hours**

This course will introduce students to the primary sculptural processes and materials, including basic wood and metal fabrication, modeling, mold making, and non-ferrous casting. Introduction to power tools and equipment as well as welding processes will be included.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## **ARTS 108 - Photography I**

# **ARTS 108 - Photography I**

**3 Credit Hours**

Photography I is an introduction to the art of seeing through the photographic lens. Students will be introduced to traditional black-and-white film photography practices and darkroom techniques in the first half of the semester to understand the foundations of photography. In the second half of the semester, students will be working with modern-day digital techniques, exploring post production in Photoshop, and printing archival digital images. The act of seeing and formulating expression through light, exposure, and composition will be developed.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

**ARTS 109 - Ceramics I**

# ARTS 109 - Ceramics I

**3 Credit Hours**

Combining both theory and practice, an in-depth investigation of ceramic art, emphasizing the handbuilding techniques of pinch, coil and slab. Clay and glaze mixing, and various kiln-firing procedures are also explored, along with a historical overview.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

**ARTS 111 - The Art Experience**

# ARTS 111 - The Art Experience

**3 Credit Hours**

The Art Experience is an introduction to visual arts literacy and criticism. The course provides experience in making art with two and/or three-dimensional design schemes and formal elements. The course gives a brief art-historical survey of significant works and movements to build art making and analysis skills. The role of art and artists in contemporary culture is also examined. For non-Art majors only.

**Restrictions:** May not be enrolled in one of the following Majors: Art Art

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

**ARTS 112 - The Aesthetic Experience**

# ARTS 112 - The Aesthetic Experience

**3 Credit Hours**

The Aesthetic Experience focuses on the historical narrative in the visual arts. Through slide lectures, films, exhibitions, site visits and readings, students become familiar with the identification and understanding of visual aesthetics and criticism. Students learn to formally analyze works of art and to conduct research on artists in order to deepen their appreciation for the arts disciplines. For non-art majors only.

**Restrictions:** May not be enrolled in one of the following Majors: Art Art

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## ARTS 113 - Art in Rome

# ARTS 113 - Art in Rome

### 3 Credit Hours

This summer study abroad course introduces students to the art and architectural wonders of Rome spanning ancient to modern times. The course involves drawing or writing onsite several days a week at sites such as the Roman Forum, Vatican, St. Peter's, the Borghese, Capitoline, Doria Pamphilj, and Barberini galleries. Students who are not drawing will be writing visual analyses, and are expected to keep a journal. Field visits to other Italian cities such as Florence, Siena and Assisi are included, and other visits are often arranged.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## ARTS 116 - Designing on Silk

# ARTS 116 - Designing on Silk

### 0 - 3 Credit Hours

This workshop offers artists, educators and interested individuals an opportunity to learn different methods of dyeing silk to create textile designs and art to wear. Surface design techniques will be utilized including, Batik, Low water immersion dyeing, Shibori, painting with dye and inks, stamping, quilting, and color removal. Students will be encouraged to explore individual interests to achieve a personal body of work. May be taken to fulfill Fine Arts requirement.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## ARTS 119 - The Potter's Wheel

# ARTS 119 - The Potter's Wheel

### 3 Credit Hours

An in-depth investigation of working on the potter's wheel (throwing), emphasizing form and function. Clay and glaze mixing, as well as kiln firing procedures will be explored. This course is for non-majors, or majors by permission of instructor.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## ARTS 126 - Creative Vessels

# ARTS 126 - Creative Vessels

### 3 Credit Hours

This workshop is for anyone interested in exploring their creative spirit. Through exploration and experimentation with mixed-media sculpture, students will gather natural materials, found objects and use commercially made materials to create three-dimensional vessels. A variety of construction techniques will be taught, including weaving natural materials and reed, coiling, handmade silk paper, and wire. Surface design techniques, including drawing, painting, printing, dyeing, and color removal will be encouraged to further enhance a personal statement. May be taken to fulfill Fine Arts requirement.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

## **ARTS 142 - Graphic Design I**

# **ARTS 142 - Graphic Design I**

### **3 Credit Hours**

An introduction to Graphic Design. Students learn the basics of typography, page layout, and branding. Projects include: Alphabet (typography), Portfolio (grid system), Logo (Iconography), and Pattern. The basics of Adobe Illustrator and InDesign are also covered in this course. Students are introduced to the design process and become capable of generating quality research, sketches, rough drafts, final deliverables, and collateral. Students begin developing critical thinking skills in order to develop creative solutions to their projects.

**Course Attributes:** +Cost over \$40, Creative Perspectives

**Levels:** Undergraduate

## **ARTS 152 - Illustration I**

# **ARTS 152 - Illustration I**

### **3 Credit Hours**

This studio course offers an introduction to a variety of media and techniques used in illustration. Instructor demonstrates manual techniques and several digital media applications for reference. Students learn how to shoot photo reference, thumbnail, develop ideas and collaborate with graphic design students as well as an overview of major illustrators. Students will complete a number of assignments that are set up as real jobs resulting in a portfolio of works. The portfolio consists of editorial, advertising, institutional work (book and music) as well as a self-promotional piece.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

## **ARTS 202 - Drawing II**

# **ARTS 202 - Drawing II**

### **3 Credit Hours**

An extensive drawing course that investigates all major bones and superficial muscles to provide a base of anatomical understanding representing the human body. The emphasis is on joint movement, proportions and planar description of form. Areas of the body are divided into 3D mass conceptions, bone, muscle and joint descriptions. Students learn how inner anatomy affects superficial form and apply their understanding in accurately developed drawings from the nude model.

**Prerequisites:** Undergraduate level ARTS102 Minimum grade of C- or Graduate level EDMS999

**Levels:** Graduate Undergraduate

## **ARTS 203 - Painting II**

# **ARTS 203 - Painting II**

### **3 Credit Hours**

This course builds on Painting I and introduces how to build wooden stretchers and other supports, how to make grounds and painting mediums base on traditional practices and recipes. Painting II encourages conceptual development and expects the student to begin defining areas of thematic interest utilizing the human form while strengthening

technical facility. Material experimentation using egg tempera is also introduced.

**Prerequisites:** Undergraduate level ARTS103 Minimum grade of C- or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 204 - Printmaking II**

# **ARTS 204 - Printmaking II**

### **3 Credit Hours**

The continuing investigation of print media begun in ARTS 104 with the potential to explore new print media. Students will achieve further technical experience (multi-color printing) while increasing their range of content, scale, and productivity. Student studio maintenance and materials preparation are stressed.

**Prerequisites:** Undergraduate level ARTS104 Minimum grade of C-

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 205 - Figure Modeling**

# **ARTS 205 - Figure Modeling**

### **3 Credit Hours**

Modeling in clay from the nude model. Developing observational skills, eye-hand coordination in modeling a complex three dimensional form. Strong life drawing component desirable. Study of the human body and anatomy. Mold making and casting in non-ferrous materials may be done with selected projects.

**Prerequisites:** Undergraduate level ARTS107 Minimum grade of C- or Graduate level EDMS999

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 206 - Fiber Arts II**

# **ARTS 206 - Fiber Arts II**

### **3 Credit Hours**

Students completing one introductory semester may register for this class to further explore fiber techniques. A student who has completed the off-loom semester may register for the on-loom fiber experience. A student who has completed the on-loom semester may register for the off-loom fiber experience.

**Prerequisites:** Undergraduate level ARTS106 Minimum grade of C- or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 207 - Sculpture II**

# **ARTS 207 - Sculpture II**

### **3 Credit Hours**

This course is comprised of advanced wood and metal fabrication, and casting processes. Power tools and equipment will be used in metal fabrication and construction, additive and subtractive wood processes, and various casting techniques.

**Prerequisites:** Undergraduate level ARTS107 Minimum grade of C- or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 208 - Photography II**

# **ARTS 208 - Photography II**

### **3 Credit Hours**

Photography II explores intermediate techniques of the photographic medium. Students will be challenged to use photography more conceptually to express and navigate the images they capture and create. Ethics, theory, aesthetics, advanced techniques, and sequencing will be discussed regularly. Students will be introduced to more contemporaries of the medium, advanced editing and printing techniques, and an introduction to studio lighting.

**Prerequisites:** Undergraduate level ARTS108 Minimum grade of C-

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 209 - Ceramics II**

# **ARTS 209 - Ceramics II**

### **3 Credit Hours**

Offered to students who have completed ARTS 109, beginning handbuilding in the ceramic medium. Students have two choices: they can choose to examine handbuilding on an advanced level, constructing on a larger scale while also exploring content and meaningful subject matter in their work. Or, students can also choose to investigate the potter's wheel, and learn to throw various forms while exploring both form and function. Involvement in all areas of studio operations is required.

**Prerequisites:** Undergraduate level ARTS109 Minimum grade of C- or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 213 - Incarnating Totem & Taboo**

# **ARTS 213 - Incarnating Totem & Taboo**

### **3 Credit Hours**

A study which frames ethical questions concerning pragmatic issues in the making, collecting, curating, and viewing of visual art, and fulfilling the E/RS Focus elective.

**Prerequisites:** (Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D) or Graduate level EDMS999

**Course Attributes:** ERS Focus Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 214 - Technology For Artists**

# **ARTS 214 - Technology For Artists**

**3 Credit Hours**

Students are introduced to the fundamental technological skills and programs. This class is for both designers and artists in general to prepare them with basic technological skills. Some of these skills include digital creation and manipulation using the latest computer applications. Students learn vector-based design as well as pixel-based technologies. Other technical skills focus on making presentations, creating digital artwork, using digital tablets, archiving projects, scanning and creating multiple-page pdfs.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

**ARTS 215 - Web Design**

# ARTS 215 - Web Design

**3 Credit Hours**

An introduction to researching, planning, and producing websites for a range of clients. Students use different tools to conceive, develop, layout, design, and implement their website and related media. Students are expected to have a beginning proficiency in Adobe Photoshop or Adobe Illustrator. Emphasis will be on the design and aesthetic aspects of web design, not just the technical aspects. Students will creatively produce a website including considerations of typography, color, branding, and layout. Students also install and modify a blog utilizing skills in HTML and CSS. Topics studied will also include: Page Ranking, Web Advertising, Video, and Domain names and Hosting. This course should interest various disciplines: computer graphics, photography, video, film, the visual arts, and education.

**Course Attributes:** +Cost over \$40, Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

**ARTS 221 - Early & Middle Childhood Art**

# ARTS 221 - Early & Middle Childhood Art

**3 Credit Hours**

A comprehensive introduction to art education at the elementary school level employing both theory and practice. The creative and mental stages of development are emphasized. Course not open to Freshmen.

**Restrictions:** May not be enrolled as the following Classifications: Freshman

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

**ARTS 222 - Art in Early Childhood Educ**

# ARTS 222 - Art in Early Childhood Educ

**3 Credit Hours**

Art production techniques, art appreciation, history and aesthetics. Active emphasis on age appropriate (3-8) art activities as well as the student's own artistic development.

**Restrictions:** May not be enrolled in one of the following Majors: Art Art

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

**ARTS 223 - Secondary School Art**



# ARTS 223 - Secondary School Art

## 3 Credit Hours

A thorough investigation of the instructional techniques, resources and philosophies necessary in teaching art at the secondary level.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 242 - Graphic Design II

# ARTS 242 - Graphic Design II

## 3 Credit Hours

The course builds on skills acquired in the ARTS 142 Graphic Design I. Students gain an intermediary understanding of typography, layout, and branding. Projects include: lettermark, historical poster, and album cover design. One elective project allows designers to focus on a particular track of study. This course develops the ability to work with real clients in addition to collaborating with other marketing classes on specific creative briefs. Students develop intermediary critical thinking skills in order to develop creative solutions to their projects.

**Prerequisites:** Undergraduate level ARTS142 Minimum grade of C- or Graduate level EDMS999

**Restrictions:** Must be enrolled in one of the following Majors: Art Art

**Course Attributes:** +Cost over \$40

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 252 - Illustration II

# ARTS 252 - Illustration II

## 3 Credit Hours

This course focuses on strengthening technical and conceptual skills, with the expectation that the student will identify area of interest and complete more focus in those areas going beyond the work completed in Illustration I. Student proposes, develops and executes bodies of work in consultation with instructor.

**Prerequisites:** Undergraduate level ARTS152 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Art Art History Graphic Design

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 270 - History of Art I

# ARTS 270 - History of Art I

## 3 Credit Hours

A survey of art and architecture from its prehistoric beginnings through the Middle Ages.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 271 - History of Art II

# ARTS 271 - History of Art II

### 3 Credit Hours

A survey of western art and architecture from the Renaissance to the present.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 272 - Art of the 20th Century

# ARTS 272 - Art of the 20th Century

### 3 Credit Hours

A study of European and American art and architecture from late 1800s to the present.

**Course Attributes:** Creative Perspectives, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 273 - History of American Art

# ARTS 273 - History of American Art

### 3 Credit Hours

A study of art and architecture in America beginning with the works of indigenous North Americans through to the present with emphasis on the diversity of artistic influences that have shaped this nation's art story.

**Course Attributes:** Creative Perspectives, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 274 - Women, Art & Society

# ARTS 274 - Women, Art & Society

### 3 Credit Hours

A historical survey of women artists from pre-history to the twentieth century. Socio-political, psychological, economic issues, and themes affecting women's participation in the visual arts are examined. A multi-cultural and multi-media perspective, giving full attention to the diversity of women's ways of creating art is utilized.

**Course Attributes:** Creative Perspectives, Diversity Flag, Gender & Diversity Studies, GDST Women and Gender Conc

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 275 - Sacred Art-Christian Perspect

# ARTS 275 - Sacred Art-Christian Perspect

## 3 Credit Hours

A specific study of Judeo-Christian imagery in the visual arts ranging from the earliest pre-Christian Roman catacomb art to contemporary Christian art. Special emphasis will be placed upon Christian adaptation of pagan and Jewish symbolism.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 276 - Art of the Enlightenment

# ARTS 276 - Art of the Enlightenment

## 3 Credit Hours

Visual art is one of the ultimate expressions of any culture and the artifacts thereof leave the longest standing record of these diverse expressions in human history. This course is designed to introduce the student to a select study of western art during one of the most dynamic periods of history.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 277 - History of Graphic Design

# ARTS 277 - History of Graphic Design

## 3 Credit Hours

This survey begins with a general overview of the graphic arts' prehistory through manuscript illumination of the medieval period. With the invention of woodcut, engraving and the Gutenberg press in the 15th Century, the development of graphic arts blossoms full force. The course covers the major trends of printmaking and graphic design as they progress in tandem propagating ideas and events of the period. By the 19th Century further developments in mass print production of newspapers, magazines and posters create the visual communications model to which we generally still subscribe in the modern era. Major 20th Century movements such as Arts and Crafts, Art Nouveau, DADA, Constructivism, Bauhaus, De Stijl, and Expressionism contribute to the importance of populist Graphic Design in public communications. Trends in the graphic arts from 1960s on, including PostModernism, complete the overview leading to the advent of digital design at the turn of the 21st Century.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 280 - Topics in Contemporary Art

# ARTS 280 - Topics in Contemporary Art

## 3 Credit Hours

A seminar course investigating the driving forces and trends in the art scene from the seventies to the present in Europe and North America. Special emphasis on criticism and postmodern issues. Counts as an art history requirement for art majors and minors.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 302 - Drawing III

# ARTS 302 - Drawing III

### 3 Credit Hours

An extensive drawing course, which uses the human form as primary subject matter. From formal and technical points, Drawing III covers a variety of color media including pastel, watercolor and gouache as well as other media. Conceptually the course encourages traditional and recent approaches using the figure to raise questions of identity, man's relationship to one another, to nature, to technology and other topics associated with the human condition.

**Prerequisites:** (Undergraduate level ARTS102 Minimum grade of C- and Undergraduate level ARTS202 Minimum grade of C-) or EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 303 - Painting III

# ARTS 303 - Painting III

### 3 Credit Hours

Advanced studies in the medium of choice from ARTS 103 or ARTS 203. Student is expected to nurture an integrated personal vision at a level qualitatively beyond previous involvement in the field of painting.

**Prerequisites:** (Undergraduate level ARTS103 Minimum grade of C- and Undergraduate level ARTS203 Minimum grade of C-) or EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 304 - Printmaking III

# ARTS 304 - Printmaking III

### 3 Credit Hours

The continuing investigation of previous print media including any area not yet experienced. Students are expected to initiate individual direction for their work with particular emphasis on serially developing their ideas. Students are encouraged to utilize mixed print media as well as other media. Experimentation is stressed.

**Prerequisites:** (Undergraduate level ARTS104 Minimum grade of C- and Undergraduate level ARTS204 Minimum grade of C-) or EDMS999

**Restrictions:** Must be enrolled in one of the following Majors: Art Art

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 306 - Fiber Arts III

# ARTS 306 - Fiber Arts III

### 3 Credit Hours

This course is a continuing exploration of structure and technique including two and three dimensional forms. The primary emphasis is on the development of a personal vision in fibers. Students will build on introductory fiber techniques and experiences, focusing on a particular fiber medium or a mixed-media approach to fibers.

**Prerequisites:** (Undergraduate level ARTS106 Minimum grade of C- and Undergraduate level ARTS206 Minimum grade of C-) or EDMS999

**Levels:** Graduate Undergraduate

## **ARTS 307 - Sculpture III**

# **ARTS 307 - Sculpture III**

### **3 Credit Hours**

This course explores the visual and expressive qualities of assemblage, found objects, conceptual and process art. Projects will explore concepts and ideas within these forms. Students may choose diverse materials, mediums, and processes employed in their projects.

**Prerequisites:** Undergraduate level ARTS207 Minimum grade of C-

**Restrictions:** Must be enrolled in one of the following Majors: Art Art

**Levels:** Graduate Undergraduate

## **ARTS 308 - Photography III**

# **ARTS 308 - Photography III**

### **3 Credit Hours**

Photography III explores professional practices of photography as a career, while continued development of craft and skills focuses on the idea of photography as a fine art. Students will work with a local nonprofit or small business as a photo team under the professor's direction to develop content for a campaign and/or social media take-over. Development of a portfolio, more advanced shooting, lighting, conceptualizing of ideas and editing techniques will continue.

**Prerequisites:** Undergraduate level ARTS108 Minimum grade of C- and Undergraduate level ARTS208 Minimum grade of C-

**Levels:** Undergraduate

## **ARTS 309 - Ceramics III**

# **ARTS 309 - Ceramics III**

### **3 Credit Hours**

An advanced level of study in the ceramic medium, either in handbuilding or with the potter's wheel. After two semesters of exploration and experimentation, students will begin to master advanced methods of clay construction, emphasizing content and good craftsmanship. Students are expected to take charge of all areas of studio management.

**Prerequisites:** (Undergraduate level ARTS109 Minimum grade of C- and Undergraduate level ARTS209 Minimum grade of C-) or EDMS999

**Levels:** Graduate Undergraduate

## **ARTS 315 - Advanced Web Design**

# **ARTS 315 - Advanced Web Design**

### **3 Credit Hours**

Advanced Web Design builds upon the skills learned in ARTS 215 Web Design by applying those skills to real world scenarios and clients. The User experience will also be a central topic. Students will demonstrate advanced knowledge in the following technologies: HTML, CSS, Wordpress, and Elementor. Students will also learn and demonstrate a basic knowledge of these additional technologies: Ecommerce solutions, Shopping Carts, online form creation, web analytics, HTML emails. Students will be expected to be self-motivated as they research and implement additional technologies not covered in class lectures and demonstrations.

**Prerequisites:** ARTS215

**Course Attributes:** +Cost over \$40

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 342 - Graphic Design III**

# **ARTS 342 - Graphic Design III**

### **3 Credit Hours**

The course builds on skills acquired in the ARTS 242 Graphic Design II course. Students learn how to design for packaging and 3-dimensional structures. Projects include: Eco-friendly packaging and Restaurant branding. Two elective projects allow designers to focus on a particular track of study. This course develops the ability to work with real clients in addition to collaborating with other marketing classes on specific creative briefs. This course develops craftsmanship and the ability to prototype. Students develop advanced critical thinking skills in order to develop creative solutions to their projects.

**Prerequisites:** (Undergraduate level ARTS142 Minimum grade of C- and Undergraduate level ARTS242 Minimum grade of C-) or EDMS999

**Restrictions:** Must be enrolled in one of the following Majors: Art Art

**Course Attributes:** +Cost over \$40

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 402 - Drawing IV**

# **ARTS 402 - Drawing IV**

### **3 Credit Hours**

Thematic Series. Primary focus is on developing a body of work which challenges the artist's imagination, sustains a high level of ambition, and sets a new standard of excellence for the creator and others. Pre-requisite: ARTS 102, ARTS 202, and ARTS 302.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 403 - Painting IV**

# **ARTS 403 - Painting IV**

### **3 Credit Hours**

Advanced studies in the same medium of choice as in ARTS 303 to establish a mastery of said medium. Student is expected to produce a thematic body of work. Pre-requisite: ARTS 103, ARTS 203, and ARTS 303.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 404 - Printmaking IV**

# **ARTS 404 - Printmaking IV**

**3 Credit Hours**

The continuing investigation of previous print media including any area not yet experienced. Advanced skills are emphasized in the student's print media of choice. Understanding and control of procedures of drawing, processing and printing continue to be stressed. Students originate and produce a series (suite) of prints expressive of a certain theme or idea. Pre-requisite: ARTS 104, ARTS 204, and ARTS 304.

**Restrictions:** Must be enrolled in one of the following Majors: Art Art

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 406 - Fiber Arts IV**

# **ARTS 406 - Fiber Arts IV**

### **3 Credit Hours**

This course is an advanced study of fiber art techniques, encouraging the student's investigation and exploration of their personal artistic statement. The emphasis is on individual exploration and growth in fiber art, promoting creative thinking and self-evaluation. Pre-requisite: ARTS 106, ARTS 206, and ARTS 306 or permission of instructor

**Prerequisites:** Undergraduate level ARTS306 Minimum grade of C-

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 407 - Sculpture IV**

# **ARTS 407 - Sculpture IV**

### **3 Credit Hours**

This course encourages exploration and research for a personal style and direction in sculpture. Projects will continue to include wood, metal and casting processes, allowing students to develop an individual body of work, expressing their own personalized vision. Pre-requisite: ARTS 107, ARTS 207, and ARTS 307.

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Art

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 408 - Photography IV**

# **ARTS 408 - Photography IV**

### **3 Credit Hours**

Photography IV continues to push boundaries of conceptualizing ideas for commercial and "fine art" outlets, while experiencing more professional practice opportunities with photography as a career. Students will continue to explore personal expression through the photographic medium, developing concepts from idea to final installation/print, and participate in presentations and critiques with students and professionals outside of the university. Students may be tasked to create a social media takeover with one local small business and/or nonprofit, as well as to enter their work into competitions. Students will engage with advanced techniques, creating a professional portfolio and line items for their curriculum vitae.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## **ARTS 409 - Ceramics IV**

# **ARTS 409 - Ceramics IV**

**3 Credit Hours**

A deeper investigation of either throwing or handbuilding, and a continued exploration of a student-initiated series or body of work. Students will master technical skills, continue to nurture a personal vision, while beginning to develop a thesis. Continued responsibility for all aspects of studio management is required.

**Prerequisites:** Undergraduate level ARTS109 Minimum grade of C- and Undergraduate level ARTS209 Minimum grade of C- and Undergraduate level ARTS309 Minimum grade of C-

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

**ARTS 441 - Junior Seminar**

# ARTS 441 - Junior Seminar

**3 Credit Hours**

A study of the practical aspects and concerns of aspiring artists in the contemporary art scene, including its trends, patterns and venues. Provides graduating students with essential skills and knowledge to function as a practicing artist outside of the college environment. Art majors only, usually in senior year.

**Restrictions:** Must be enrolled in one of the following Majors: Art Art Graphic Design

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

**ARTS 442 - Graphic Design IV**

# ARTS 442 - Graphic Design IV

**3 Credit Hours**

The course builds on skills acquired in the ARTS 242 & 342 Graphic Design courses. Students learn and apply advanced typography skills to a variety of applications. Students also learn the basics of Adobe AfterEffects through a motion design project. Projects include: Magazine and Information graphics. Two elective projects allow designers to focus on a particular track of study. This course develops the ability to work with real clients in addition to collaborating with other marketing classes on specific creative briefs. Students prepare for their careers by learning about the business of design and engaging in portfolio reviews.

**Prerequisites:** Undergraduate level ARTS342 Minimum grade of C-

**Restrictions:** Must be enrolled in one of the following Majors: Art

**Course Attributes:** +Cost over \$40

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

**ARTS 490 - Senior Concentration**

# ARTS 490 - Senior Concentration

**3 - 6 Credit Hours**

An intense in-depth study of selected studio field. Students pursuing the art education or the history of art concentration may submit a written thesis. Specific faculty approval necessary.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

**ARTS 491 - Independent Study**



# ARTS 491 - Independent Study

## 1 - 3 Credit Hours

Problems related to department fields, although not specifically included in the catalog, may be requested by the student and elected with the approval of the instructor and permission of the chair.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 492 - Tutorial

# ARTS 492 - Tutorial

## 1 - 3 Credit Hours

Special reading and study for advanced students.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 493 - Internship

# ARTS 493 - Internship

## 1 - 3 Credit Hours

Practical experiences of art in the real world, for the purpose of developing the ability to function in the professional arena. Student must have completed a minimum two courses in the internship area

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Art*

## ARTS 502 - Graduate Drawing

# ARTS 502 - Graduate Drawing

## 3 Credit Hours

Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Art*

## ARTS 503 - Graduate Painting

# ARTS 503 - Graduate Painting

## 3 Credit Hours

Graduate courses are independently developed. Definition of direction and choice of media is determined by student and approved by professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Art*

### **ARTS 504 - Graduate Printmaking**

# **ARTS 504 - Graduate Printmaking**

**3 Credit Hours**

Graduate courses are independently developed. Definition and choice of media is determined by each student and approved by professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Art*

### **ARTS 505 - Graduate 3D Design**

# **ARTS 505 - Graduate 3D Design**

**3 Credit Hours**

Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.

**Prerequisites:** Undergraduate level ARTS105 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Art*

### **ARTS 506 - Graduate Fiber Arts**

# **ARTS 506 - Graduate Fiber Arts**

**3 Credit Hours**

Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Art*

### **ARTS 507 - Graduate Sculpture**

# **ARTS 507 - Graduate Sculpture**

**3 Credit Hours**

Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ARTS 508 - Graduate Photography**

# **ARTS 508 - Graduate Photography**

**3 Credit Hours**

Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Education

**Levels:** Graduate

**ARTS 509 - Graduate Ceramics**

# **ARTS 509 - Graduate Ceramics**

**3 Credit Hours**

Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ARTS 521 - Gr Early & Mid Childhood Art**

# **ARTS 521 - Gr Early & Mid Childhood Art**

**3 Credit Hours**

A comprehensive introduction to art education at the elementary school level employing both theory and practice. The creative and mental stages of development are emphasized.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ARTS 522 - Grad Art in Early Child Educ**

# **ARTS 522 - Grad Art in Early Child Educ**

**3 Credit Hours**

Art production techniques, art appreciation, history and aesthetics. Active emphasis on age appropriate (3-8) art activities as well as the student's own artistic development.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ARTS 523 - Graduate Secondary School Art**

# ARTS 523 - Graduate Secondary School Art

## **3 Credit Hours**

A thorough investigation of the instructional techniques, resources and philosophies necessary in teaching art at the secondary level.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Art*

## **ARTS 542 - Graduate Graphic Design**

# ARTS 542 - Graduate Graphic Design

## **3 Credit Hours**

Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** +Cost over \$40

**Levels:** Graduate

*College of Arts & Sciences Art*

## **ARTS 552 - Graduate Illustration**

# ARTS 552 - Graduate Illustration

## **3 Credit Hours**

Graduate courses are independently developed. Definition of direction and choice of media is determined by each student and approved by professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Art*

## **ARTS 591 - Graduate Independent Study**

# ARTS 591 - Graduate Independent Study

## **1 - 3 Credit Hours**

Problems related to department fields, although not specifically included in the catalog, may be requested by the student and elected with the approval of the instructor and permission of the chair.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Art*

## **ASLN 101 - Elem American Sign Language I**

# ASLN 101 - Elem American Sign Language I

**3 Credit Hours**

An introduction to basic signing through emphasizing the acquisition of high-frequency vocabulary, facial expression, and the development of cultural awareness.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ASLN 102 - Elem American Sign Language II**

# ASLN 102 - Elem American Sign Language II

**3 Credit Hours**

The second semester elementary course which is a continuation of ASLN 101.

**Prerequisites:** Undergraduate level ASLN101 Minimum grade of D

**Course Attributes:** Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ASLN 201 - Interm American Sign Lang I**

# ASLN 201 - Interm American Sign Lang I

**3 Credit Hours**

The first semester intermediate course which is a continuation of ASLN 102 with a particular emphasis on the development of more creative use of the language.

**Prerequisites:** Undergraduate level ASLN102 Minimum grade of D

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ASLN 202 - Interm American Sign Lang II**

# ASLN 202 - Interm American Sign Lang II

**3 Credit Hours**

A communicative-oriented course emphasizing receptive and expressive skills through the study of authentic materials dealing with the Deaf world. This course includes a comprehensive grammar review.

**Prerequisites:** Undergraduate level ASLN201 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ASLN 210 - Deaf Lab**

# ASLN 210 - Deaf Lab

**0 Credit Hours**

Students in beginning and intermediate ASLN courses are required to attend the Deaf Lab for a minimum of six hours each course, and both attendance and participation are calculated as part of their overall grade in ASLN 101, 102, 201, and 202.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ASLN 290 - Deafness Origins & Orientation**

# **ASLN 290 - Deafness Origins & Orientation**

#### **3 Credit Hours**

This course will introduce students to the evolution of the Deaf culture, in particular to major concepts about and issues facing the Deaf community, and to psychological and social aspects of Deafness. Students will learn about the acquisition of sign language, and behavioral norms, values, and traditions of the Deaf. Students will study the impact of influential Deaf individuals such as Thomas Gallaudet, Marlee Matlin, and Laurent Clerc and their accomplishments in raising awareness of the unique problems that face members of the Deaf community. Secondary areas of study include linguistics, creative arts, and literature as they apply to Deaf culture and the Deaf community. Most lectures and discussions will be presented both orally and through signing, which will supplement students' ability in the language.

**Prerequisites:** ASLN101 and ASLN102

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ASLN 291 - Deafness Culture & Community**

# **ASLN 291 - Deafness Culture & Community**

#### **3 Credit Hours**

This course advances the factual knowledge of the evolution of the Deaf culture for students in the Deaf Studies minor. Students will hone their knowledge of sign language acquisition, behavioral norms, values, and traditions of the Deaf. Students will focus on sign language vocabulary geared towards professions such as nursing, occupational therapy, education, psychology, and criminal justice, while mastering daily sign language conversational skills. Students will also learn the importance of the national organizations of the Deaf and of the achievements of Deaf advocacy groups protecting the rights of Deaf people. Linguistics, creative arts, and literature as they apply to Deaf culture and the deaf community will be studied in greater depth.

**Prerequisites:** ASLN101 and ASLN102 and ASLN290

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ASLN 298 - Community Based Learning**

# **ASLN 298 - Community Based Learning**

#### **1 Credit Hours**

Community-Based Learning (CBL) connects students in the Deaf Studies Minor with organizations, agencies, schools and others in the Cincinnati area that serve the needs of or interact regularly with Deaf individuals. The Deaf Studies director brings to campus representatives from area organizations, agencies, and schools that work with or involve deaf individuals; these representatives are matched with students based on their interests and major studies to discuss ways to serve the deaf community. Participation in a CBL Cooperative is designed to serve as a resource that helps students understand the perspectives of deaf individuals and is intended to motivate students to become used to interacting with individuals in the deaf community. CBL will also raise students' willingness to engage in complex conversations and raise social and cultural awareness of issues facing the Deaf community.

**Prerequisites:** ASLN101 and ASLN102

**Restrictions:** Must be enrolled in one of the following Minors: Deaf Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ATTR 500 - Care & Prevention**

# ATTR 500 - Care & Prevention

## 3 Credit Hours

This course is designed to provide knowledge related to the prevention and basic care of pathologies common to active populations. Topics include epidemiology, pre-participation screening, environmental conditions, protective devices and procedures, mechanism of injury, tissue response to injury and basic documentation procedures.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## ATTR 501 - Athletic Training Skills

# ATTR 501 - Athletic Training Skills

## 3 Credit Hours

In this course students will gain foundational clinical athletic training skills. Upon completion of the course, students will be able to apply immobilization devices, taping, bracing and ambulatory aids with patients.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## ATTR 510 - Anatomical Kinesiology

# ATTR 510 - Anatomical Kinesiology

## 3 Credit Hours

In-depth study of human musculoskeletal anatomy, the principles of body movement, and biomechanics as it relates to orthopedic injury.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## ATTR 521 - Lower Extremity Injuries

# ATTR 521 - Lower Extremity Injuries

## 3 Credit Hours

A comprehensive study of the lower extremity, with attention to the prevention, assessment, evaluation, and recognition of common lower extremity injuries.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## ATTR 522 - Upper Extremity Injuries

# ATTR 522 - Upper Extremity Injuries

**3 Credit Hours**

A comprehensive study of the upper extremity, with attention to the prevention, assessment, evaluation, and recognition of common upper extremity orthopedic injuries.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

**ATTR 523 - Head, Spine & Thorax Injuries**

# ATTR 523 - Head, Spine & Thorax Injuries

**3 Credit Hours**

A comprehensive study of the head, spine, and thorax, with attention to the prevention, assessment, evaluation, and recognition of common injuries to these areas.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

**ATTR 531 - Therapeutic Interventions 1**

# ATTR 531 - Therapeutic Interventions 1

**3 Credit Hours**

Principles and the implementation of comprehensive treatment plans for injuries commonly sustained by the physically active is discussed and practiced.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

**ATTR 532 - Therapeutic Interventions II**

# ATTR 532 - Therapeutic Interventions II

**3 Credit Hours**

A continuation of Therapeutic Intervention 1, additional principles, and the implementation of comprehensive treatment plan for injuries commonly sustained by the physically active is discussed and practiced.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

**ATTR 540 - Evidence Based Practice**

# ATTR 540 - Evidence Based Practice

**3 Credit Hours**

Develop knowledge and skills to integrate best evidence, clinical experience, and patient-values into athletic training clinical practice. Students will address clinical problems using evidence-based practice.



**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **ATTR 541 - Research I**

# **ATTR 541 - Research I**

**1 Credit Hours**

Students will apply evidence based practice concepts to help solve clinical problems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **ATTR 550 - IP Collaboration**

# **ATTR 550 - IP Collaboration**

**1 Credit Hours**

This course educates interprofessional teams through an innovative curriculum and shared practices using technology and faculty created case scenarios, case studies and practicum observations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **ATTR 561 - Clinical Experience I**

# **ATTR 561 - Clinical Experience I**

**2 Credit Hours**

This course includes a lab and clinical placement. Emphasis is placed on practicing and assessing clinical athletic training foundational skills, with a focus on prevention techniques, pre-participation screening, environmental concerns, protective devices and procedures, documentation and acute care of pathology in active populations. This course allows the athletic training student the opportunity to apply their clinical athletic training skills with patients while under the supervision of a preceptor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **ATTR 562 - Clinical Experience 2**

# **ATTR 562 - Clinical Experience 2**

**2 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **ATTR 570 - Field Experience in AT**

# **ATTR 570 - Field Experience in AT**

**0 - 12 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **ATTR 600 - Medical Issues in AT**

# **ATTR 600 - Medical Issues in AT**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **ATTR 610 - Administrative Concepts**

# **ATTR 610 - Administrative Concepts**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **ATTR 633 - Therapeutic Interventions III**

# **ATTR 633 - Therapeutic Interventions III**

**3 Credit Hours**

A continuation of Therapeutic Intervention 2, additional principles and the implementation of a comprehensive treatment plan for injuries commonly sustained by the physically active is discussed and practiced.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ATTR 642 - Research II**

## **ATTR 642 - Research II**

**1 Credit Hours**

Students will apply evidence-based practice concepts to help solve clinical problems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ATTR 650 - Contemporary Issues in AT**

## **ATTR 650 - Contemporary Issues in AT**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ATTR 663 - Clinical Experience 3**

## **ATTR 663 - Clinical Experience 3**

**2 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ATTR 664 - Clinical Experience 4**

## **ATTR 664 - Clinical Experience 4**

**6 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**BAIS 100 - Business Computer Applications**

# BAIS 100 - Business Computer Applications

## 1 Credit Hours

A computer-based training course for developing core competencies using productivity tools relevant for business applications.

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 120 - Introduction to Business Tech

# BAIS 120 - Introduction to Business Tech

## 1 Credit Hours

This course will provide students with necessary skills in file management, Web development, using Internet resources for research, and using Microsoft Excel for business applications.

**Course Attributes:** 100 Percent Online No Set Meet, Undergraduate Half Term Course

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 210 - Quantitative Methods

# BAIS 210 - Quantitative Methods

## 3 Credit Hours

This course is designed to make students familiar with: descriptive statistics, basic probability, normal distribution, confidence intervals, correlation, hypothesis tests, and analysis of categorical data within the context of business data; including the use of technology appropriate to business applications of these statistical concepts.

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 211 - Intro to Business Analytics

# BAIS 211 - Intro to Business Analytics

## 3 Credit Hours

An applied overview of business analytics which includes data visualization, statistical inference, simple & multiple regression techniques, decision analysis and spreadsheet modelling. Additional topics include "what if" analysis and introductory linear optimization.

**Prerequisites:** MATH156 or BAIS210 or STAT210

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 220 - Mgmnt of Info Tech

# BAIS 220 - Mgmnt of Info Tech

## 3 Credit Hours

An introduction to the theory and the applications of computer based information systems in organizations with an emphasis on the management of modern information technologies used to support business. This course also includes problem solving with spreadsheets and databases.

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 302 - Intro to Ops & Supply Chain Mg**

# **BAIS 302 - Intro to Ops & Supply Chain Mg**

#### **3 Credit Hours**

An introduction to quality and operations topics and management science techniques. Topics include goals of service and production operations, optimization, project scheduling, simple quality tools, inventory models, simulation, supply chain management, and waiting line models. Continual improvement of operations is stressed.

**Prerequisites:** ( INFO200 or INFO220 or INFO301 or BAIS200 or BAIS220 or BAIS301) and ( MATH156 or STAT210 or BAIS210)

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 303 - Internship / Info Syst Jr**

# **BAIS 303 - Internship / Info Syst Jr**

#### **3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved information systems-related work experience. Student must have 55 credit hours completed, 2.750 GPA, department approval required.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 310 - Business to Business Marketing**

# **BAIS 310 - Business to Business Marketing**

#### **3 Credit Hours**

Dynamics of marketing from a business to a business. Buyer behavior and market structure are analyzed in the context of the 4Ps.

**Prerequisites:** MKTG300

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 311 - Sabermetrics**

# **BAIS 311 - Sabermetrics**

#### **3 Credit Hours**

This course is designed to introduce students to analytical analysis using baseball data. It covers the theory and the fundamentals of the emerging science of Sabermetrics. Using baseball data, the basics of descriptive and inferential statistics, data visualization, and database usage will be covered.

**Prerequisites:** STAT211 or BAIS211

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 328 - Database Management**

# **BAIS 328 - Database Management**

### **3 Credit Hours**

This is an introductory survey course in database concepts, history, evolving trends, design and implementation. There will be a conceptual portion and a "hands-on" development portion of the course. This course is designed to be a fundamentals course.

**Prerequisites:** Undergraduate level INFO200 Minimum grade of D or Undergraduate level BAIS200 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 329 - Data Mining**

# **BAIS 329 - Data Mining**

### **3 Credit Hours**

The students will receive an introduction to the basic theory, tools and techniques of data mining, including prediction, associations, clustering, and recommendation systems. The course will be delivered from two points of view: the technological view and the marketing management view. The students will use data mining tools when doing their team projects for customer relationship management.

**Prerequisites:** INFO200 or INFO220 or BAIS200 or BAIS220

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 330 - Intro Robot Process Automation**

# **BAIS 330 - Intro Robot Process Automation**

### **3 Credit Hours**

The course offers introductory knowledge and skills focused on the use of robots to achieve automation. Course content includes evaluating RPA applications, training in the project and process management skills and methodology business analysts use to meet business requirements using RPA, and hands-on use of software robots to automate business processes.

**Prerequisites:** BAIS220

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 333 - Global Supply Chain Mgmt**

# **BAIS 333 - Global Supply Chain Mgmt**

### **3 Credit Hours**

This course provides undergraduate business students with a thorough introduction to the field of Supply Chain Management with an emphasis on current practice and emerging trends. Course topics will include supply chain design and strategies in a global business environment; selection and management of supply chain partners; inventory, warehousing, and materials management; logistics and transport systems; information flows and technology; and measurement of supply chain performance with regard to quality, responsiveness, cost, and sustainability.

**Prerequisites:** BAIS302

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 340 - Marketing & the Supply Chain**

# BAIS 340 - Marketing & the Supply Chain

## 3 Credit Hours

Of the four Ps of marketing, *place* (channels) is a particularly important source of competitive advantage. Marketing channels involve the processes and organizations by which products and services are made available for consumption. An overview of the supply chain and marketing channels of distribution is presented with the objective of understanding the various ways marketing channels are designed, developed, managed, and maintained.

**Prerequisites:** MKTG300

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 357 - Telecommunications & Networkin

# BAIS 357 - Telecommunications & Networkin

## 3 Credit Hours

A study of data communications and networking theory and technologies. Students will be exposed to telecommunication configurations, network and web applications, wired and wireless architectures, topologies and protocols, installation and configuration of network and devices such as hubs, router, and bridges.

**Prerequisites:** INFO200 or INFO220 or BAIS200 or BAIS220

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 358 - Data Modeling and Management

# BAIS 358 - Data Modeling and Management

## 3 Credit Hours

The study of the theory of modeling enterprise activities in terms of their data. Databases are implemented emphasizing the relational model.

**Prerequisites:** Undergraduate level INFO200 Minimum grade of D or Undergraduate level INFO220 Minimum grade of D or Undergraduate level BAIS200 Minimum grade of D or Undergraduate level BAIS220 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 359 - Hardware, Software & Security

# BAIS 359 - Hardware, Software & Security

## 3 Credit Hours

Provides an introductory overview of computer hardware, software and security on computers. Includes hardware components; troubleshooting, repair, and maintenance; operating systems interfaces and management tools; networking components, computer security; and operational procedures.

**Prerequisites:** INFO200 or INFO220 or BAIS200 or BAIS220

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 360 - Intro to Application Developmt

# BAIS 360 - Intro to Application Developmt

### **3 Credit Hours**

An introduction to object oriented programming logic, the concepts of structure, and problem solving concepts in an object oriented environment.

**Prerequisites:** Undergraduate level INFO200 Minimum grade of D or Undergraduate level INFO220 Minimum grade of D or Undergraduate level BAIS200 Minimum grade of D or Undergraduate level BAIS220 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 362 - Intro Analytics Programming**

# **BAIS 362 - Intro Analytics Programming**

### **3 Credit Hours**

Introduce students who have a basic understanding of computer concepts to programming languages currently being used by the business community. Contact the department for information on specific languages currently covered.

**Prerequisites:** BAIS211 and BAIS220

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 365 - Business Analytics**

# **BAIS 365 - Business Analytics**

### **3 Credit Hours**

This course extends a students' basic Excel skill base and introduces the use of Excel to manage day-to-day business functions in the areas of finance, marketing, accounting, operations management, sales, and human resources. Through this course, students will develop a practical understanding of problem solving using spreadsheets. Topics covered will include retrieving data through the use of lookups, evaluating the financial impact of data, organization of data for analysis using data tables and Excel scenarios, enhancing decision making using Solver, and troubleshooting techniques that ensure error-free applications. Student must have previous Excel experience.

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 368 - Intro to Enterprise Systems**

# **BAIS 368 - Intro to Enterprise Systems**

### **3 Credit Hours**

An introduction to the selection, implementation, management, and usage of enterprise-wide business application software. Students will gain hands on exposure to software that supports business processes and learn about the management issues that organizations face when adopting and integrating these systems.

**Prerequisites:** Undergraduate level INFO200 Minimum grade of D or Undergraduate level INFO220 Minimum grade of D or Undergraduate level BAIS200 Minimum grade of D or Undergraduate level BAIS220 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 374 - Intro to Web Site Development**

# **BAIS 374 - Intro to Web Site Development**

### **3 Credit Hours**

Tools and techniques for designing and developing quality Web pages with a concentration on the implementation of efficient and effective Web sites for personal use, small businesses, corporate offices, and entrepreneurial ventures.



**Prerequisites:** Undergraduate level INFO200 Minimum grade of D or Undergraduate level BAIS200 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 378 - E-Business**

## **BAIS 378 - E-Business**

#### **3 Credit Hours**

Electronic commerce is an essential element for most modern businesses. This course will study all aspects of electronic commerce including the structure, organization, and use of the Internet as a means of conducting business. An emphasis will be placed on evaluating, organizing, and developing efficient models of electronic transactions.

**Prerequisites:** Undergraduate level INFO374 Minimum grade of D or Undergraduate level BAIS374 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 389 - Data Visualization**

## **BAIS 389 - Data Visualization**

#### **3 Credit Hours**

Business Intelligence is a key solution needed to successfully compete in the business world. Companies realize that high quality information on their capabilities and those of the competition is essential for decision making to be competitive. BI refers to the use of computers to collect and analyze complex information about an organization and its competitors for use in decision making using applications such as dashboards and scorecards. In this course, students will work with popular industry BI tools, learn the fundamentals of BI and discover how BI applies to business.

**Prerequisites:** INFO220 or INFO200 or BAIS220 or BAIS200

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 403 - Internship / Info Syst Sr**

## **BAIS 403 - Internship / Info Syst Sr**

#### **3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved information systems-related work experience. Student must have 55 credit hours completed, 2.750 GPA, departmental approval.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 420 - Information in Global Context**

## **BAIS 420 - Information in Global Context**

#### **3 Credit Hours**

0

**Prerequisites:** BAIS200 or INFO200

**Levels:** Undergraduate

## **BAIS 450 - Systems Analysis and Design**

# **BAIS 450 - Systems Analysis and Design**

### **3 Credit Hours**

Structured tools and techniques for the development of computerized information systems with emphasis on the process involved in the analysis and design of the development process. Special emphasis will be placed on team development, on project management, and on quality control for the development of effective and efficient information systems.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of D and Undergraduate level MGMT300 Minimum grade of D and Undergraduate level MKTG300 Minimum grade of D

**Levels:** Undergraduate

## **BAIS 459 - Fundamentals of Security**

# **BAIS 459 - Fundamentals of Security**

### **3 Credit Hours**

Introduces basic computer and network security concepts and methodologies. Covers principles of security; compliance and operational security; threats and vulnerabilities; network security; application, data, and host security; access control and identity management; and cryptography. Helps to prepare students for the COMPTIA Security+ examination.

**Prerequisites:** BAIS220 and BAIS359

**Levels:** Undergraduate

## **BAIS 490 - Contemp Issues in Info Systems**

# **BAIS 490 - Contemp Issues in Info Systems**

### **3 Credit Hours**

Current issues, developments and future trends in the advancement of information systems in business.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Undergraduate

## **BAIS 495 - System Development Project**

# **BAIS 495 - System Development Project**

### **3 Credit Hours**

This capstone course is a direct follow-up to BAIS 450 in which student teams will apply skills and techniques from other BAIS and business courses for the purpose of implementing and delivering a computerized business information system.

**Prerequisites:** Undergraduate level INFO450 Minimum grade of D or Undergraduate level BAIS450 Minimum grade of D

**Levels:** Undergraduate

## **BAIS 496 - Business Analytics Capstone**

# **BAIS 496 - Business Analytics Capstone**

### **3 Credit Hours**

A case-based, project-oriented approach to data driven decision making. This is the senior course ties together all the knowledge learned in the Business Analytics major into a senior project

**Prerequisites:** ( INFO365 or BAIS365) and ( INFO329 or BAIS329) and ( INFO358 or BAIS358)

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 499 - Tutorial Course**

# **BAIS 499 - Tutorial Course**

### **1 - 3 Credit Hours**

Research in scholarly journals on information systems.

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 500 - Business Statistics**

# **BAIS 500 - Business Statistics**

### **3 Credit Hours**

Descriptive statistics, statistical inference, linear regression, auto correlation analysis and forecasting models.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 550 - Business Information Systems**

# **BAIS 550 - Business Information Systems**

### **3 Credit Hours**

The study of issues, methods, information, and technology involved in the creation and use of information systems in a corporate environment. The focus is on the manager's influence on the design, operation, control, and communication ability. Current organizational systems and technology are evaluated. Case studies are used extensively as the content for individual and team activities. The course explores the implications created by technology as we continue to move into an information-based economy.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 551 - Operational Analysis**

# **BAIS 551 - Operational Analysis**

### **3 Credit Hours**

The purpose of this introductory course is to provide MBA students with a thorough introduction to the concepts and analytical skills of operations management needed to understand and improve the business of various organizations. The course aims to expand their managerial (soft) skills as well as hands-on analytical (hard) skills so that they understand how to deliver superior organizational performance in practical business settings. In particular, focus will be on developing student strategic thinking and critical thinking capabilities, in terms of how and when to implement tools of operations analysis, ensuring that enterprise resources are used as efficiently and effectively as possible.

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 605 - Applied Multivariate Analysis**

# **BAIS 605 - Applied Multivariate Analysis**

#### **3 Credit Hours**

This course is going to be very applied, focusing on some of the key concepts in analysis of multivariate problems. There will be an emphasis in this course on preparing data for analysis, analyzing said data, interpreting the results, and presenting the results to a target audience using the results to make decisions. The course will be delivered from both a technological view and a marketing/management view.

**Prerequisites:** BAIS660

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 620 - Info Systems & Global Society**

# **BAIS 620 - Info Systems & Global Society**

#### **3 Credit Hours**

This course focuses on social implications of information systems (IS) from global perspectives. This course primarily examines economic and organizational dimensions, cooperative and knowledge work, productivity, marketing, work life, electronic communities, privacy, safety, ethics and professionalism, IT and education, gender issues in IT, democracy and empowerment and other related topics. The course also explores the interaction of race, gender, and class in structuring the consumption and production of information systems in a variety of domains. The course is designed for graduate students with interest in (1) the development, implementation and management of information systems in diverse environments (2) contemporary diverse organizational environment and (3) how Information and communication technology shape and are shaped by organizations. The course expands the issues of domestic business operations to include global issues like time, standards, regulations, identity and culture. The course extensively covers social issues in information systems especially as they affect productivity, marketing, online community, social media, e-commerce and cross-cultural IS projects. These issues will be discussed through lecture and assigned readings, case examples (discussions), group projects and presentations.

**Prerequisites:** INFO550 or BAIS550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 628 - Digital Enterprise**

# **BAIS 628 - Digital Enterprise**

#### **3 Credit Hours**

Goals of the course are to understand the impact that E-Business has on business today, the role of IS/IT in creating and changing organizational structures along with management techniques for E-Business, to develop skills for competitive advantage in this changing environment.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

### **BAIS 630 - Robotic Process Automation**

# BAIS 630 - Robotic Process Automation

## 3 Credit Hours

This graduate course in Robotic Process Automation (RPA) Design & Development offers advanced knowledge and skills acquisition which focus on the development and deployment of software robots to achieve automation.

**Prerequisites:** BAIS500 and BAIS550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 633 - Global Supply Chain Mgmt

# BAIS 633 - Global Supply Chain Mgmt

## 3 Credit Hours

This is a graduate level management course offered to provide students with a practical, stimulating learning experience on strategic insights and tactical skills for designing and improving global supply chains, with an emphasis on problem-solving skills and international perspectives.

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 635 - Strategic Sourcing

# BAIS 635 - Strategic Sourcing

## 3 Credit Hours

Firms are trying their best to find ways to improve their performance in today's increasingly competitive and globalized world. Sourcing and purchasing plays a key role in a firm's ability to be more efficient, more profitable, and more competitive. It has great impact on a firm's performance and overall competitiveness. It impacts all functional activities of a firm, including marketing and sales, customer service, manufacturing planning and control, inventory management, quality management, product design, human resource management, technology management, financial planning, and e-commerce activities. During this course, through a combination of case analyses, projects, and article reviews, we will examine the major sourcing and purchasing concepts and issues, including purchasing process and strategy, supply management integration, supplier evaluation, selection and development, worldwide sourcing, cost management, contract management, risk management, negotiation, sourcing proposals analysis, and sourcing/purchasing information systems. Additionally, we will also explore the legal and ethical issues surrounding the sourcing/purchasing decisions.

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 650 - Managing the Network Economy

# BAIS 650 - Managing the Network Economy

## 3 Credit Hours

This course will focus on the study of the principles and techniques used in managing information systems and organizational change projects. The course will introduce the use of scheduling, resource-allocation, and capacity planning in the design, development, and implementation of information systems.

**Restrictions:** Must be enrolled in one of the following Programs: Master of Business Admin Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 655 - Business Intelligence

# BAIS 655 - Business Intelligence

## 3 Credit Hours

This course is an introduction to Business Intelligence (BI). BI refers to the use of the computers to analyze complex information about an organization and its competitors for use in business planning and decision making. The objective is to create more timely, higher quality input to the decision process. This course takes a managerial approach to BI and emphasizes its applications and implementations. A variety of domestic and international examples will be used in the course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 659 - Fundamentals of Security

# BAIS 659 - Fundamentals of Security

## 3 Credit Hours

Introduces basic computer and network security concepts and methodologies. Covers principles of security; compliance and operational security; threats and vulnerabilities; network security; application, data, and host security; access control and identity management; and cryptography. Helps to prepare students for the COMPTIA Security+ examination.

**Prerequisites:** INFO550 or INFO 550 550 or BAIS550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 660 - Programming For Analytics

# BAIS 660 - Programming For Analytics

## 3 Credit Hours

This course is intended to bring together the lessons learned in STAT 500 and build upon them using a statistical programming interface. In addition to learning and applying statistical functions, students will be introduced to data cleaning, manipulation, and harvesting using a variety of sources including structured tables, APIs and unstructured web scraping.

**Prerequisites:** STAT500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 665 - Business Analytics for Mgrs

# BAIS 665 - Business Analytics for Mgrs

## 3 Credit Hours

0

**Prerequisites:** INFO550 or BAIS550 or INFO 550 550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 674 - Database Management

# BAIS 674 - Database Management

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 680 - Intro Data Mining for Managers

# BAIS 680 - Intro Data Mining for Managers

**3 Credit Hours**

This introductory course will familiarize students with popular data mining methods for extracting knowledge from data. Principles of data mining will be presented and discussed while students acquire hands-on experience using state-of-the-art data mining software. The course will be delivered from both a technological view and a marketing/management view. Topics and related methods discussed in the class include: data mining processes and knowledge discovery, database support to data mining, associations, classifications and prediction, clustering, recommendation systems and developing issues in data mining.

**Prerequisites:** STAT500 or Statistics 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 689 - Data Visualization

# BAIS 689 - Data Visualization

**3 Credit Hours**

We live in a data-rich world in which seemingly simple visualizations represent complex realities. Data has the potential to inform decision-making and influence public or corporate policy, and when visualized with appropriate context, data has the power to be an impetus for change in the world. In this hands-on introduction to data visualization, key design principles and techniques for interactively visualizing data will be introduced. The major goals of this course are to understand how visual representations can help in the analysis and understanding of complex data, how to design effective visualizations, how to create interactive dashboards & visualizations and how to storyboard and effectively communicate using visualization. By the end of the semester, students will be able to use visualization to discover insights in data. Students will be able to choose appropriate visualizations to perform exploratory analysis and investigate data, and create explanatory visualizations to communicate findings. To do this, students will leverage knowledge of a collection of different visualization techniques along with understanding of how to appropriately apply them and optimize their appearance for clarity and integrity

**Prerequisites:** BAIS550 and STAT500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## BAIS 695 - Topics In MIS Individual Read

# BAIS 695 - Topics In MIS Individual Read

**1 - 3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 750 - Strategic Info Tech**

# **BAIS 750 - Strategic Info Tech**

### **2 Credit Hours**

This course educates business leaders to effectively manage, develop, and leverage IT resources to fulfill operational needs.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 752 - Operations Supply Chain Mgmnt**

# **BAIS 752 - Operations Supply Chain Mgmnt**

### **3 Credit Hours**

Operations and supply chain management refers to the systematic design, direction, and control of business processes that transform raw inputs into services and products for external, as well as internal customers. In this EMBA core course, we will introduce various concepts and decision-making techniques related to issues such as operations and supply chain strategy, performance measurement, project planning, project control, process improvement, quality control, lean management, inventory, sourcing, logistics, and supply chain collaboration.

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## **BAIS 755 - Bus Intelligence & Analytics**

# **BAIS 755 - Bus Intelligence & Analytics**

### **3 Credit Hours**

This course is an introduction to Business Intelligence (BI) and Analytics. BI refers to the use of the computers to analyze complex information about an organization and its competitors for use in business planning and decision making. Analytics is the science of using data to build models that lead to better decisions that add value to individuals, to companies, to institutions. This course takes a managerial approach to the synthesis of BI and Analytics. It emphasizes their applications and implementations with the objective of creating more-timely, higher quality input to the decision process.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## **BIOL 102 - Life: Human Biology**

# **BIOL 102 - Life: Human Biology**

### **2 Credit Hours**

Study of the anatomy and physiology of the human body systems, with emphasis on the regulatory mechanisms that maintain homeostasis and health. This course is not for BIOL, NURS, NATS, PSYC, ATTR or HOCS majors.



**Co-requisites:** BIOL132

**Restrictions:** May not be enrolled in one of the following Majors: Athletic Training Biology Natural Sciences Nursing May not be enrolled in one of the following Concentrations: Human Occupation Studies

**Course Attributes:** Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 105 - Life: Biology of Disease**

# **BIOL 105 - Life: Biology of Disease**

### **2 Credit Hours**

The scientific method has resulted in historically unprecedented changes in our world. In this course you will learn how science proceeds, and practice the scientific method yourself in a weekly laboratory experience. You will learn the qualities of a good hypothesis or model, how to assess its validity, the significance of a scientific theory, and the elusiveness of "proof." On completing the course, you will be better able to understand and evaluate scientific or pseudoscientific claims that have direct impacts on your personal and professional life. You will explore the scientific method with the nature of disease as backdrop. You will explore the causes, treatment and prevention of diseases along with their evolution. We will look at infectious, and genetic diseases, as well as those with environmental causes. Some of the specific diseases we will explore include Ebola, AIDS, food poisoning, bubonic plague, cystic fibrosis, ulcers, alcoholism, obesity and cancer. You will also have the opportunity to choose your own diseases to explore.

**Co-requisites:** BIOL124

**Course Attributes:** Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 106 - Life: Biology of Aging**

# **BIOL 106 - Life: Biology of Aging**

### **2 Credit Hours**

This course will discuss and examine the current understanding of the aging process from the biological viewpoint with an emphasis on the anatomy and physiology of human organ systems.

**Co-requisites:** BIOL107

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 107 - Life: Biology of Aging Lab**

# **BIOL 107 - Life: Biology of Aging Lab**

### **1 Credit Hours**

This course will involve the study of the anatomy and physiology of human organ systems to investigate the process of aging. It will utilize prosected cadavers to strengthen the understanding of topics discussed in lecture.

**Co-requisites:** BIOL106

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Undergraduate

**BIOL 110 - Life: Human Reproduction Today**

# **BIOL 110 - Life: Human Reproduction Today**

**2 Credit Hours**

Study of the anatomy and physiology of traditional reproduction and the newer technologies that allow the manipulation of human fertility, like in vitro fertilization, and discussions of embryonic stem cells, cloning, and gene therapy.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Co-requisites:** BIOL133

**Course Attributes:** ERS Focus Elective, Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

**BIOL 112 - Life: Growing & Evolving**

# **BIOL 112 - Life: Growing & Evolving**

**2 Credit Hours**

Study of the process of organic evolution and how it has resulted in the structural, functional, and genetic diversity of organisms, with focus on recent advances and major events in the history of life.

**Co-requisites:** BIOL113

**Course Attributes:** Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

**BIOL 114 - Irish Biodiversity**

# **BIOL 114 - Irish Biodiversity**

**2 Credit Hours**

This course will introduce students to the evolutionary development and current distribution of organisms in the modern ecosystems of Ireland. We will travel through rural Ireland and visit a diversity of biological communities including peat bogs, oak forests, freshwater lakes, and rocky coastlines. One of the goals of the course is to introduce students to the classification of a diversity of organisms in the context of their evolutionary history. We also discuss the challenges and benefits of conserving biodiversity.

**Co-requisites:** BIOL115

**Course Attributes:** Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

**BIOL 115 - Life: Biodiversity Ireland Lab**

# **BIOL 115 - Life: Biodiversity Ireland Lab**

**1 Credit Hours**

This course will introduce students to the scientific investigation of biodiversity in Ireland. It is a companion course for BIOL 114. The goals of this course are to have students (1) understand the practical methods scientists use to investigate aspects of biodiversity and conservation of organisms and (2) learn to recognize and categorize organisms encountered in the field.

**Co-requisites:** BIOL114

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**BIOL 116 - Life: Microbes & Humans**

# BIOL 116 - Life: Microbes & Humans

**2 Credit Hours**

Study of microbes (bacteria, viruses, protozoa) and their impact on human society.

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**BIOL 117 - Life: Current Topics Lab**

# BIOL 117 - Life: Current Topics Lab

**1 Credit Hours**

This course, designed to complement BIOL 119, explores basic biological principles in a laboratory setting. Topics will include using the scientific method to gather and evaluate real-world scientific data, the concept of homeostasis and how its used to understand the functioning of organ systems, principles of inheritance, evolution and investigation of the world of microbes.

**Co-requisites:** BIOL119

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**BIOL 118 - Life: The World of Plants**

# BIOL 118 - Life: The World of Plants

**2 Credit Hours**

Introduction to the study of plants, including basic aspects of the structure and function of higher plants and the value of plants in nature and to people.

**Co-requisites:** BIOL134

**Course Attributes:** Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**BIOL 119 - Life: Current Topics**

# BIOL 119 - Life: Current Topics

## 2 Credit Hours

New advances and controversial areas of research in the life sciences, as a way of introducing some of the major concepts in biology. Topics may include evolution and creationism, global warming, animals in research, artificial intelligence, and genetic engineering. Online option may be available.

**Co-requisites:** BIOL117

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 120 - Life: Ecology & People

# BIOL 120 - Life: Ecology & People

## 2 Credit Hours

An exploration of critical environmental issues that affect our world today, through a study of ecological principles and their interaction with human society, especially considering the ethical, political, and economic aspects.

**Prerequisites:** (Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D) or CORE105

**Co-requisites:** BIOL136

**Course Attributes:** ERS Focus Elective, Nat Science Elect Lecture Core, Peace & Justice Studies Minor, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 122 - Tropical Biodiversity

# BIOL 122 - Tropical Biodiversity

## 2 Credit Hours

This course introduces students to the scientific study of biodiversity in the Neotropics. We will travel to a diverse range of natural biological communities including primary rainforest, coastal communities, coral reefs, freshwater streams, and cloud forest. We will also examine effects of modern land-use patterns on these systems by visiting agricultural areas including coffee and cacao plantations.

**Co-requisites:** BIOL123

**Course Attributes:** Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 123 - Tropical Biodiversity Lab

# BIOL 123 - Tropical Biodiversity Lab

## 1 Credit Hours

Field exercises to accompany BIOL 122, utilizing native species as examples.

**Co-requisites:** BIOL122

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 124 - Life: Biology of Disease Lab**

# **BIOL 124 - Life: Biology of Disease Lab**

### **1 Credit Hours**

The scientific method has resulted in historically unprecedented changes in our world. In this course you will learn how science proceeds, and practice the scientific method yourself in a weekly laboratory experience. You will learn the qualities of a good hypothesis or model, how to assess its validity, the significance of a scientific theory, and the elusiveness of "proof." On completing the course, you will be better able to understand and evaluate scientific or pseudoscientific claims that have direct impacts on your personal and professional life. You will explore the scientific method with the nature of disease as backdrop. You will explore the causes, treatment and prevention of diseases along with their evolution. We will look at infectious, and genetic diseases, as well as those with environmental causes. Some of the specific diseases we will explore include Ebola, AIDS, food poisoning, bubonic plague, cystic fibrosis, ulcers, alcoholism, obesity and cancer. You will also have the opportunity to choose your own diseases to explore.

**Co-requisites:** BIOL105

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 130 - Intro to Life Sciences**

# **BIOL 130 - Intro to Life Sciences**

### **2 Credit Hours**

Cells, heredity, ecology, evolution, plant and animal morphology, and physiology. For Education Majors.

**Co-requisites:** BIOL131

**Restrictions:** Must be enrolled in one of the following Programs: BS in Education areas Must be enrolled in one of the following Majors: Early Childhood Education Elementary Education Middle Childhood Education Montessori Education Primary Education (P-5) Reading Specialist Secondary Education Special Education

**Course Attributes:** Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 131 - Intro to Life Sciences Lab**

# **BIOL 131 - Intro to Life Sciences Lab**

### **1 Credit Hours**

Exercises and field trips to illustrate principles taught in BIOL 130. For Education majors only.

**Co-requisites:** BIOL130

**Restrictions:** Must be enrolled in one of the following Majors: Early Childhood Education Elementary Education Middle Childhood Education Montessori Education Primary Education (P-5) Secondary Education Special Education

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 132 - Life: Human Biology Lab**

# **BIOL 132 - Life: Human Biology Lab**

### **1 Credit Hours**

This course will promote depth of thought through the perspectives of guided (instructor guides students through the inquiry process) and open (students design their own experiments) inquiry to understand the process scientists use to gain new knowledge. The two-credit hour lecture/discussion will have a one-credit hour lab (Biol 132 Human Biology Lab) as a co-requisite in which to carry out the guided and open inquiry. Students will study five human body systems that work together to keep our body within normal limits in spite of the abuse we hand out on a daily basis with our eating, exercise, and sleeping habits. We will specifically look at how maintaining the body within normal limits, called homeostasis, as the basis for life. We will discuss the structure and functions of some of the major systems of the human body including how the digestive system works in detail and affect homeostasis, how the endocrine and nervous system regulate homeostasis with help from the respiratory system, how the immune system protects humans from diseases and illnesses and challenge homeostasis (autoimmune disease and when the hypothalamus resets body temperature during fever), and what happens during a heart attack or stroke and how this affects homeostasis.

**Co-requisites:** BIOL102

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 133 - Human Reproduction Today Lab**

# **BIOL 133 - Human Reproduction Today Lab**

### **1 Credit Hours**

0

**Prerequisites:** PHIL100 and THEO111

**Co-requisites:** BIOL110

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 134 - Life: The World of Plants Lab**

# **BIOL 134 - Life: The World of Plants Lab**

### **1 Credit Hours**

Introduction to the scientific methods used to study plants, including basic aspects of the structure and function of higher plants and teh value of plants in nature and to people.

**Co-requisites:** BIOL118

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 136 - Life: Ecology and People Lab**

# **BIOL 136 - Life: Ecology and People Lab**

**1 Credit Hours**

Biology 136 Life: Ecology and people Lab is a non-biology majors course that is designed to explore the science of ecology using inquiry-based science, a process of learning through original experimentation and research. You will learn to think and plan like an ecologist by conducting several ecological studies and experiments.

**Co-requisites:** BIOL120

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**BIOL 140 - Human A&P I for Allied Health**

# BIOL 140 - Human A&P I for Allied Health

**3 Credit Hours**

The major human systems emphasizing the skeletal, muscular, and nervous systems.

**Restrictions:** May not be enrolled in one of the following Majors: Biomedical Sciences Biology

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**BIOL 141 - Hum A&P I Lab Allied Health**

# BIOL 141 - Hum A&P I Lab Allied Health

**1 Credit Hours**

Human skeletal material and dissection of a representative mammal. Histology of tissues and organs with physiological exercises and demonstrations, including human cadavers.

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**BIOL 142 - Hum A&P II for Allied Health**

# BIOL 142 - Hum A&P II for Allied Health

**3 Credit Hours**

Continuation of BIOL 140 stressing the circulatory, immune, excretory, digestive, endocrine, reproductive, and respiratory systems.

**Prerequisites:** Undergraduate level BIOL140 Minimum grade of D and Undergraduate level BIOL141 Minimum grade of D

**Restrictions:** May not be enrolled in one of the following Majors: Biomedical Sciences Biology

**Course Attributes:** Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**BIOL 143 - Hum A&P II Lab Allied Health**

# BIOL 143 - Hum A&P II Lab Allied Health

## 1 Credit Hours

Continuation of anatomical approach of BIOL 141 with related physiological studies and demonstrations.

**Prerequisites:** Undergraduate level BIOL140 Minimum grade of D and Undergraduate level BIOL141 Minimum grade of D

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 148 - Life:Intro Science of Food Lec

# BIOL 148 - Life:Intro Science of Food Lec

## 2 Credit Hours

Introduction to Science of Food is a 100% online core scientific perspectives course which students will learn about the history of food science, food nutrition and chemistry in relation to a healthy diet, the role of microorganisms in food and food processing, food engineering, biotechnology and new food product development, and the issues regarding global food cultures and food sustainability. Students are required to participate in online discussions and learn how to communicate in the scientific form.

**Co-requisites:** BIOL149

**Course Attributes:** Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 149 - Life:Intro Science of Food Lab

# BIOL 149 - Life:Intro Science of Food Lab

## 1 Credit Hours

In this course, students will learn about the history of food science, food nutrition and chemistry in relation to a healthy diet, the role of microorganisms in food and food processing, food engineering, biotechnology and new food product development, as well as the issues regarding global food cultures and food availability. Students are required to participate in online discussions and learn how to communicate in the scientific form.

**Co-requisites:** BIOL148

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 150 - Human A&P I Accelerated BSN

# BIOL 150 - Human A&P I Accelerated BSN

## 3 Credit Hours

This course is Anatomy and Physiology II, accelerated. It is designed for the accelerated bachelor's of nursing program. We will be exploring the cellular and biochemical basis of the body's function, as well as the integumentary, skeletal, muscular and nervous systems. This lectures focuses predominantly on the physiology of these systems, with applicable anatomy being used as needed.

**Co-requisites:** BIOL151

**Restrictions:** Must be enrolled in one of the following Programs: Accelerated BS in Nursing Accelerated BS in Nursing



**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 151 - Human A&P I Lab AcceleratedBSN**

# **BIOL 151 - Human A&P I Lab AcceleratedBSN**

### **1 Credit Hours**

This course is an entirely online Anatomy and Physiology I Lab course, accelerated. This course will serve as the required laboratory component for Anatomy & Physiology I. Thus, although an independent course, this course is aligned with the lecture version (BIOL 140). The main distinction will be that the lab will emphasize anatomy, whereas the lecture will emphasize physiology. However, both of these topics will overlap in both lecture and lab.

**Co-requisites:** BIOL150

**Restrictions:** Must be enrolled in one of the following Programs: Accelerated BS in Nursing Accelerated BS in Nursing

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 152 - Human A&P II Accelerated BSN**

# **BIOL 152 - Human A&P II Accelerated BSN**

### **3 Credit Hours**

This course is Anatomy and Physiology II, accelerated. It is designed for the accelerated bachelor's of science in nursing program. We will be exploring cardiovascular, immune, respiratory, digestive, urinary and reproductive systems. These lectures focus predominantly on the physiology of these systems, with applicable anatomy being used as needed.

**Prerequisites:** BIOL150 and BIOL151

**Restrictions:** Must be enrolled in one of the following Programs: Accelerated BS in Nursing Accelerated BS in Nursing

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 153 - Human A&P II Accel Lab**

# **BIOL 153 - Human A&P II Accel Lab**

### **1 Credit Hours**

This course is an entirely online Anatomy and Physiology II Lab course, accelerated. This course will serve as the required laboratory component for Anatomy & Physiology II. Thus, although an independent course, this course is aligned with the lecture version (BIOL 152). The main distinction will be that the lab will emphasize anatomy, whereas the lecture will emphasize physiology. However, both of these topics will overlap in both lecture and lab. The systems covered include, cardiovascular, lymphatic, immune, respiratory, urinary, digestive, endocrine, and reproductive.

**Restrictions:** Must be enrolled in one of the following Programs: Accelerated BS in Nursing Accelerated BS in Nursing

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 158 - Integrated Biology**

# **BIOL 158 - Integrated Biology**

**3 Credit Hours**

0

**Co-requisites:** BIOL159

**Course Attributes:** Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 159 - Integrated Biology Lab**

# **BIOL 159 - Integrated Biology Lab**

**1 Credit Hours**

An online introduction to basic molecular, cellular and genetic biology concepts and the scientific method, structured to help students prepare for success in General Biology. Includes lab.

**Course Attributes:** Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 160 - General Biology I**

# **BIOL 160 - General Biology I**

**3 Credit Hours**

Molecules, cells and genetics in organisms. Introductory course for Biology-associated majors and minors. Preparation for most upper level biology courses.

**Co-requisites:** BIOL161

**Course Attributes:** Nat Science Elect Lecture Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 161 - General Biology I Lab**

# **BIOL 161 - General Biology I Lab**

**1 Credit Hours**

Laboratory exercises demonstrating the principles of molecular and cellular biology, genetics, and vertebrate systems.

**Co-requisites:** BIOL160

**Course Attributes:** Nat Science Elect Lab Core, Scientific Perspectives Lab

**Levels:** Undergraduate

## **BIOL 162 - General Biology II**

# **BIOL 162 - General Biology II**

### **3 Credit Hours**

Principles of evolution and ecology, survey of diversity of life. Continuation of introductory course for Biology-associated majors and minors. Preparation for most upper level biology courses.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D or Graduate level EDMS999

**Co-requisites:** BIOL163

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

## **BIOL 163 - General Biology II Lab**

# **BIOL 163 - General Biology II Lab**

### **1 Credit Hours**

Laboratory exercises and field trips demonstrating the principles of evolution, animal behavior, ecology, taxonomy/phylogenetics, and an introduction to scientific writing.

**Prerequisites:** Undergraduate level BIOL161 Minimum grade of D

**Co-requisites:** BIOL162

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Undergraduate

## **BIOL 200 - Microbiology for Allied Health**

# **BIOL 200 - Microbiology for Allied Health**

### **3 Credit Hours**

Basic study of clinically important microbes, their activities, control, role in disease and host immune responses. Intended for Allied Health students.

**Course Attributes:** Nat Science Elect Lecture Core, Population Health

**Levels:** Graduate Undergraduate

## **BIOL 201 - Microbio Lab for Allied Health**

# **BIOL 201 - Microbio Lab for Allied Health**

### **1 Credit Hours**

Microscopic examination of the diversity of clinically important microbes, including bacteria, fungi and protists. Students learn their structure and metabolism and how we control their spread. Intended for Allied Health students/

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 204 - Functional Neuroscience**

# **BIOL 204 - Functional Neuroscience**

### **3 Credit Hours**

In this course, students gain a working knowledge of the anatomy of the nervous system, including regions of the brain, brain stem, and spinal cord, as well as the structure of spinal and cranial nerves. The anatomy is then linked with its specific function, followed by an integration of multiple regions for a broader systemic understanding. Sensory and motor systems are covered in detail, followed by the autonomic nervous system, limbic function and memory, and the special senses. Relevant pathological conditions and current topics are woven throughout the class as well, to help connect basic science with clinical considerations.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 206 - Human Physiology**

# **BIOL 206 - Human Physiology**

### **3 Credit Hours**

Survey of human physiology by organ system, with particular emphasis on homeostatic mechanisms, communication within the body and muscle activity.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C-

**Co-requisites:** BIOL207

**Restrictions:** Must be enrolled in one of the following Majors: Applied Biology Biomedical Sciences Biology

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 207 - Human Physiology Lab**

# **BIOL 207 - Human Physiology Lab**

### **1 Credit Hours**

Exercises which demonstrate major principles to accompany BIOL 206. Students will develop increased competency in collecting and analyzing data as well as scientific writing.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C-

**Co-requisites:** BIOL206

**Restrictions:** Must be enrolled in one of the following Majors: Applied Biology Biomedical Sciences Biology

**Course Attributes:** Nat Science Elect Lab Core, Writing Flag Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 210 - General Botany**

# BIOL 210 - General Botany

## 3 Credit Hours

The morphology, physiology, and reproduction of representatives of each plant division are studied with emphasis on the seed plants.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D and Undergraduate level BIOL161 Minimum grade of D and Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Co-requisites:** BIOL211

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 211 - General Botany Lab

# BIOL 211 - General Botany Lab

## 1 Credit Hours

Observations of living and preserved plants, experimentation, and field trips to illustrate structure and life processes in various plant groups.

**Co-requisites:** BIOL210

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 222 - Immunology

# BIOL 222 - Immunology

## 3 Credit Hours

An introduction to the specific mechanisms by which the human body reacts to foreign biological materials and includes extensive clinical correlation segments.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 227 - Parasitology

# BIOL 227 - Parasitology

## 3 Credit Hours

This course will introduce students to invertebrate and fungal parasites: their complex life cycles, pathogenesis and roles in ecosystems. Human behaviors that affect parasitic epidemiology will be critically examined in a rigorous, evolutionary context. Topics include schistosomiasis biology and irrigation projects, aquaculture parasites, and fishery maintenance, fungal parasites of social insects and pharmacology of anti-malarial drugs.

**Prerequisites:** BIOL160 and BIOL161 and BIOL162 and BIOL163

**Course Attributes:** Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 230 - Genetics**

# **BIOL 230 - Genetics**

### **3 Credit Hours**

Principles of heredity and molecular genetics.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Course Attributes:** Nat Science Elect Lecture Core, Quantitative Reason Flag Full

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 231 - Genetics Laboratory**

# **BIOL 231 - Genetics Laboratory**

### **1 Credit Hours**

Laboratory exercises to provide students with experience in modern molecular genetics and methods of manipulating and studying nucleic acids.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 240 - Evolution**

# **BIOL 240 - Evolution**

### **3 Credit Hours**

Evidence for and the mechanisms of evolutionary processes.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 244 - Animal Behavior**

# **BIOL 244 - Animal Behavior**

### **3 Credit Hours**

Study of the innate, learned, aggressive, social and sexual behavior of animals as evolutionary products.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 250 - Ecology**

# **BIOL 250 - Ecology**

### **3 Credit Hours**

The relationships between organisms and their living and non-living environments.

**Prerequisites:** Undergraduate level BIOL120 Minimum grade of D or Undergraduate level BIOL162 Minimum grade of D

**Co-requisites:** BIOL251

**Course Attributes:** Nat Science Elect Lecture Core, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 251 - Ecology Lab**

# **BIOL 251 - Ecology Lab**

### **1 Credit Hours**

Laboratory and field exercises to illustrate ecological principles. Local aquatic and terrestrial habitats are investigated.

**Prerequisites:** Undergraduate level BIOL120 Minimum grade of D or Undergraduate level BIOL162 Minimum grade of D

**Co-requisites:** BIOL250

**Course Attributes:** Nat Science Elect Lab Core, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 255 - Tropical Ecology**

# **BIOL 255 - Tropical Ecology**

### **3 Credit Hours**

This course will introduce students to the scientific study of tropical ecology in the field. We will travel to a diverse range of natural biological communities including primary rainforest, coastal communities, coral reefs, freshwater streams, and cloud forest. We will also examine effects of modern land-use patterns on these systems by visiting agricultural areas including coffee and cacao plantations.

**Prerequisites:** Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 256 - Conservation Biology Ireland**

# BIOL 256 - Conservation Biology Ireland

## 3 Credit Hours

This course will introduce students to the science of conservation biology in the context of modern Ireland. We will travel through rural Ireland and visit a diversity of biological communities including peat bogs, oak forests, freshwater lakes, and rocky coastlines. We will examine the threats to species persistence including those posed by land-use changes, overexploitation, and introduction of invasive species. We will discuss historical changes leading to the population crashes of endangered species such as the Corn Crane, the Irish red deer, and the Barn Owl and examine the habitat management practices being employed to recover populations of these species.

**Prerequisites:** Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 260 - Intro to Environmental Science

# BIOL 260 - Intro to Environmental Science

## 3 Credit Hours

In this introductory course, students will examine how natural and human activities alter natural ecosystems resulting in environmental problems at both local and global scales. Students will be introduced to concepts of sustainability and solutions for current and future environmental problems that humanity will encounter.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Co-requisites:** BIOL261

**Course Attributes:** Nat Science Elect Lecture Core, Peace & Justice Studies Minor, Population Health, Quantitative Reason Flag Pt. 1

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 261 - Intro to Environ Science Lab

# BIOL 261 - Intro to Environ Science Lab

## 1 Credit Hours

In this course, students will gain hands-on experience in environmental science topics through observation and experimentation in the field and laboratory, data collection and analysis, communication of results and discussions on current environmental issues. Students will also be exposed to various local environmental organizations and issues through guest speakers and field trips.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Co-requisites:** BIOL260

**Course Attributes:** Nat Science Elect Lab Core, Population Health, Quantitative Reason Flag Pt. 2

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 270 - Introduction To Entomology

# BIOL 270 - Introduction To Entomology

## 3 Credit Hours

Introduction to the taxonomy, morphology, physiology, behavior, ecology, and evolution of insects and related arthropods.



**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D and Undergraduate level BIOL161 Minimum grade of D and Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Co-requisites:** BIOL271

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 271 - Introduction To Entomology Lab**

# **BIOL 271 - Introduction To Entomology Lab**

### **1 Credit Hours**

Instruction in techniques to identify, collect, curate, and observe insects and related arthropods. Field trips to practice field techniques and to learn about the ecology of insects.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D and Undergraduate level BIOL161 Minimum grade of D and Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Co-requisites:** BIOL270

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 280 - Topics in Biology**

# **BIOL 280 - Topics in Biology**

### **1 - 3 Credit Hours**

Short-term courses designed to explore biological phenomena of current interest.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D and Undergraduate level BIOL161 Minimum grade of D and Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 290 - Independent Study**

# **BIOL 290 - Independent Study**

### **1 - 4 Credit Hours**

Independent study in some specialized area of biology of interest to the student, overseen and assessed by faculty. Requires at least ~40 hours of work per credit and permission of Chair.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 295 - Biology Internship**

# BIOL 295 - Biology Internship

## 1 - 6 Credit Hours

An internship experience in a biology-related field. In addition to their supervised work, students will write short essays focused on the practical applications of biology, professional norms, professional growth and/or areas of conflict or ethical controversy. May not be used nor duplicated for senior capstone, BIOL290 or BIOL298. Requires permission of chair.

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 298 - Biology Research

# BIOL 298 - Biology Research

## 1 - 6 Credit Hours

Original laboratory or field research on a variety of topics, culminating in a primary and/or secondary article in the scientific style. May not be used nor duplicated for senior capstone, BIOL290 or BIOL295. Requires permission of chair.

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 299 - Prof Comm in the Sciences

# BIOL 299 - Prof Comm in the Sciences

## 1 Credit Hours

This course will provide life sciences majors with an introduction to professional modes of discourse in the sciences, including primary and secondary literature, poster sessions, scientific talks, journal clubs and presentation of data to peers and supervisors.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D and Undergraduate level BIOL161 Minimum grade of D and Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Course Attributes:** Oral Communication Flag, Scientific Perspectives Lect

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 310 - Foundations of Pharmacology

# BIOL 310 - Foundations of Pharmacology

## 3 Credit Hours

Pharmacology is the study of drugs, including how the body is affected by the drug as well as how our body breaks down and metabolizes the drug. Pharmacology is at the center of biomedical science, at the intersection of biology and chemistry. Pharmacologists are responsible for identifying new targets for drugs, creating compounds to affect those targets, studying the efficacy and side effects both in animals and humans, then finally working with governmental bodies to bring the drug safely to market and into the clinic. It is a truly interdisciplinary field that is responsible for the invention of many life-saving drugs currently on the market and many to come. Specifically, this course will begin with an in-depth look at the fundamentals of pharmacodynamics and pharmacokinetics, including binding curves, dose response curves, and drug adsorption, distribution, metabolism, and elimination. Next, an overview of the different types of receptors targeted by common drugs and how they transduce signals will be given. Following this, we will learn about the mechanisms of action of drugs used to treat different physiological systems. Lastly, the class will conclude with guest lectures from researchers working to bring real drugs to the clinic. The challenges of the drug discovery and approval process will be provided. Particularly, a lab that does addiction research will be speaking and will give perspective on the social aspects of this pharmacological topic. Pharmacology is a key component in the curriculum for pharmacy school, medical school, and many fields of biomedical graduate study. Knowledge in this subject is also desirable for many employers in industry.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C- and Undergraduate level CHEM160 Minimum grade of C- and Undergraduate level CHEM161 Minimum grade of C- and Undergraduate level CHEM162 Minimum grade of C- and Undergraduate level CHEM163 Minimum grade of C-

**Course Attributes:** Diversity Flag, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 340 - Aquatic Invertebrates**

# **BIOL 340 - Aquatic Invertebrates**

### **3 Credit Hours**

Introduction to the taxonomy, morphology, physiology, life history, behavior, evolution and ecology of aquatic invertebrates. Students will also examine how aquatic ecosystems function, including streams, rivers, wetlands and lakes. Environmental issues related to aquatic ecosystems and invertebrates will also be discussed.

**Prerequisites:** Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Co-requisites:** BIOL341

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 341 - Aquatic Invertebrates Lab**

# **BIOL 341 - Aquatic Invertebrates Lab**

### **1 Credit Hours**

Introduction to methods used to collect, identify and observe aquatic invertebrates. In this class, students will focus on the basic taxonomy, morphology and ecology of aquatic insects and other invertebrates. Students will participate in field trips to practice collection techniques and observe organisms in a variety of aquatic ecosystems. Students will also utilize this information to conduct ecological assessments within local watersheds.

**Prerequisites:** Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Co-requisites:** BIOL340

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 351 - Ornithology Lab**

# **BIOL 351 - Ornithology Lab**

### **1 Credit Hours**

The lab course will expose students to the methods used by field ornithologists to study bird populations. These will include techniques for capturing and marking birds. A strong emphasis will be placed on learning to identify a variety of local species and studying the ecology of local habitats. We will also visit the Cincinnati museum collection to study the diversity of birds from around the world.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D and Undergraduate level BIOL161 Minimum grade of D and Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Co-requisites:** BIOL350

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 354 - Human and Comparative Anat**

# BIOL 354 - Human and Comparative Anat

## 3 Credit Hours

Study of the anatomy and function of selected vertebrates, including humans, emphasizing the evolutionary connections among vertebrates.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D and Undergraduate level BIOL161 Minimum grade of D and Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Co-requisites:** BIOL355

**Restrictions:** May not be enrolled as the following Classifications: Sophomore Freshman

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 355 - Human and Comp Anat Lab

# BIOL 355 - Human and Comp Anat Lab

## 1 Credit Hours

Exercises which demonstrate major principles to accompany BIOL 354. Dissection of cat and shark, with human cadaver demonstrations.

**Co-requisites:** BIOL354

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 360 - Cell Biology

# BIOL 360 - Cell Biology

## 3 Credit Hours

This course covers basic cell biology. Topics include metabolism, gene expression, membrane structure and transport, intracellular protein trafficking, extracellular matrix, signal transduction, and cell cycle regulation.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 364 - Virology

# BIOL 364 - Virology

## 3 Credit Hours

This course serves as an introduction to the diversity, genetics, and ecology of viruses, emphasizing impacts on human societies worldwide.

**Prerequisites:** BIOL160 and BIOL161 and BIOL162 and BIOL163

**Course Attributes:** Peace & Justice Studies Minor, Population Health

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 370 - Endocrinology**

# **BIOL 370 - Endocrinology**

### **3 Credit Hours**

An introduction to the system of chemical messengers (hormones), which modulate growth, energy expenditure, sexual maturation, and neural function. Endocrine hormones act along with the nervous system to integrate all bodily functions.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 380 - Neurobiology**

# **BIOL 380 - Neurobiology**

### **3 Credit Hours**

An introduction to the study of the cells of the nervous system and the organization of these cells into functional circuits that process information and mediate behavior. The goal of this course is to give students a broad understanding of the functioning of animal nervous systems at the cellular level.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D and Undergraduate level BIOL161 Minimum grade of D and Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 396 - Sem: Climate Change**

# **BIOL 396 - Sem: Climate Change**

### **3 Credit Hours**

This course explores the topic of climate change and related issues that affect our country and the world today. Students will spend time examining basic climate science, contributing factors and impacts of climate change on ecosystems and the human population, and potential solutions.

**Prerequisites:** Undergraduate level BIOL250 Minimum grade of D or Undergraduate level BIOL260 Minimum grade of D

**Course Attributes:** Peace & Justice Studies Minor, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 397 - SEM: Air and Water Pollution**

# BIOL 397 - SEM: Air and Water Pollution

## 3 Credit Hours

This course explores air and water pollution issues that affect our country and world today. Students will explore both past and current pollution problems through an interdisciplinary lens that highlights past solutions as well as potential resolutions to current problems.

**Prerequisites:** Undergraduate level BIOL250 Minimum grade of D and Undergraduate level BIOL251 Minimum grade of D

**Course Attributes:** Peace & Justice Studies Minor, Population Health

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 398 - SEM: Environmental Studies

# BIOL 398 - SEM: Environmental Studies

## 3 Credit Hours

An environmental issue is selected and explored in depth. The seminar uses a multidisciplinary approach that analyzes the ecological, economic, and ethical consequences of the problem so that students gain an appreciation for both the interconnectedness and the complexity of environmental problems.

**Prerequisites:** ( BIOL250 and BIOL251)

**Course Attributes:** Environ Science/Studies Elect, Peace & Justice Studies Minor, Population Health

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 411 - Human Physiology Lab

# BIOL 411 - Human Physiology Lab

## 1 Credit Hours

Exercises which demonstrate major principles to accompany BIOL 410. Students will develop increased competency in collecting and analyzing data as well as scientific communication.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Co-requisites:** BIOL410

**Restrictions:** Must be enrolled in one of the following Majors: Applied Biology Biomedical Sciences Biology Biological Scien for Business May not be enrolled as the following Classifications: Sophomore Freshman

**Course Attributes:** Nat Science Elect Lab Core, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 414 - Adaptive Animal Physiology

# BIOL 414 - Adaptive Animal Physiology

## 3 Credit Hours

This course is aimed at examining how physiological processes are used to enable animals to carry out specific behaviors or live in specialized environment(s). We will use our knowledge of physiology to explore these topics and gain an understanding of physiological processes in different animals.

**Prerequisites:** Undergraduate level BIOL410 Minimum grade of D

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 420 - General Histology**

# **BIOL 420 - General Histology**

### **2 Credit Hours**

Structure and function of animal tissues as revealed by light microscopy, electron microscopy, and histochemistry.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D and Undergraduate level BIOL161 Minimum grade of D and Undergraduate level BIOL162 Minimum grade of D and Undergraduate level BIOL163 Minimum grade of D

**Co-requisites:** BIOL421

**Restrictions:** May not be enrolled as the following Classifications: Sophomore Freshman

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 421 - General Histology Lab**

# **BIOL 421 - General Histology Lab**

### **2 Credit Hours**

A microscopic study of fixed materials employing routine and histochemical techniques to demonstrate cell, tissue, and organ morphology.

**Co-requisites:** BIOL420

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 430 - Medical Genetics**

# **BIOL 430 - Medical Genetics**

### **3 Credit Hours**

The principles of human genetics, risks, screening, diagnosis, applications of genetic ethics to problems.

**Prerequisites:** BIOL230

**Course Attributes:** ERS Focus Elective

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 450 - General Microbiology**

# BIOL 450 - General Microbiology

## 3 Credit Hours

The morphology, physiology, and ecology of viruses, bacteria, eukaryotic microbes, and fungal microbes, including the impact of these organisms on humans.

**Prerequisites:** Undergraduate level BIOL230 Minimum grade of C- and Undergraduate level BIOL231 Minimum grade of C-

**Co-requisites:** BIOL451

**Restrictions:** May not be enrolled as the following Classifications: Sophomore Freshman

**Course Attributes:** Nat Science Elect Lecture Core, Population Health

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 451 - General Microbiology Lab

# BIOL 451 - General Microbiology Lab

## 2 Credit Hours

The techniques for isolation, identification, culturing, and physiological study of viruses, bacteria and fungi.

**Prerequisites:** Undergraduate level BIOL230 Minimum grade of C- and Undergraduate level BIOL231 Minimum grade of C-

**Co-requisites:** BIOL450

**Course Attributes:** Nat Science Elect Lab Core, Population Health

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 460 - Developmental Biology

# BIOL 460 - Developmental Biology

## 3 Credit Hours

The major events in development, including gametogenesis, fertilization, cleavage divisions, embryonic polarization, germ layer formation, and morphogenesis, and the underlying cellular, molecular, and genetic mechanisms that control these events.

**Prerequisites:** Undergraduate level BIOL230 Minimum grade of D and Undergraduate level BIOL231 Minimum grade of D

**Co-requisites:** BIOL461

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 461 - Developmental Biology Lab

# BIOL 461 - Developmental Biology Lab

## 1 Credit Hours

Exercises that demonstrate gametogenesis, fertilization, cleavage divisions, embryonic polarization, germ layer formation, and morphogenesis.



**Co-requisites:** BIOL460

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 470 - Human Anatomy I**

# **BIOL 470 - Human Anatomy I**

### **1 Credit Hours**

An introductory course in gross human anatomy achieved through the dissection of human cadavers, including dissection technique, integument removal, muscle identification and demonstration of cadavers to other classes. Requires permission of Chair.

**Prerequisites:** BIOL354 and BIOL355

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 472 - Human Anatomy II**

# **BIOL 472 - Human Anatomy II**

### **1 Credit Hours**

Continuation of BIOL 470, including cadaver dissection of thoracic, abdominal, and pelvic cavities, cranium, and face.

**Prerequisites:** Undergraduate level BIOL354 Minimum grade of D and (Undergraduate level BIOL355 Minimum grade of D or Undergraduate level BIOL356 Minimum grade of D) and Undergraduate level BIOL470 Minimum grade of D

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 495 - Professional Project**

# **BIOL 495 - Professional Project**

### **2 - 6 Credit Hours**

Project designed, carried out and communicated by student in a biology-related workplace environment, with input from workplace experts and instructor. Examples could include developing and implementing a composting plan, calculating carbon sink capacity of a park, organizing clinical or pharmaceutical data, or building and deploying science learning tools. Requires permission of Chair.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C- and Undergraduate level BIOL161 Minimum grade of C- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C- and Undergraduate level CHEM160 Minimum grade of C- and Undergraduate level CHEM161 Minimum grade of C- and Undergraduate level CHEM162 Minimum grade of C- and Undergraduate level CHEM163 Minimum grade of C- and Undergraduate level MATH146 Minimum grade of C- and (Undergraduate level MATH156 Minimum grade of C- or Undergraduate level PSYC210 Minimum grade of C-)

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 496 - Senior Capstone Seminar**

# BIOL 496 - Senior Capstone Seminar

## 2 Credit Hours

Directed reading, discussion and literature research work culminating in a written review paper and oral presentation. Includes instruction in scientific writing and oral communication in the biological sciences.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C and Undergraduate level BIOL161 Minimum grade of C and Undergraduate level BIOL162 Minimum grade of C and Undergraduate level BIOL163 Minimum grade of C and Undergraduate level CHEM160 Minimum grade of C and Undergraduate level CHEM161 Minimum grade of C and Undergraduate level CHEM162 Minimum grade of C and Undergraduate level CHEM163 Minimum grade of C and (Undergraduate level MATH146 Minimum grade of C or Undergraduate level MATH156 Minimum grade of C or Undergraduate level PSYC210 Minimum grade of C)

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 497 - Experimental Biology Lab

# BIOL 497 - Experimental Biology Lab

## 2 Credit Hours

Students work in small teams to develop, execute, and present an original research project of biological significance. Possible topics include, but are not limited to, assays of local microbiota or determination of environmental factors that play a role in plant, protist, or bacterial growth, as well as analysis of bioinformatic data or public health statistics. Prior completion of General Statistics recommended but not required. Student work will culminate in a written paper and oral presentation.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C and Undergraduate level BIOL161 Minimum grade of C and Undergraduate level BIOL162 Minimum grade of C and Undergraduate level BIOL163 Minimum grade of C and Undergraduate level CHEM160 Minimum grade of C and Undergraduate level CHEM161 Minimum grade of C and Undergraduate level CHEM162 Minimum grade of C and Undergraduate level CHEM163 Minimum grade of C and (Undergraduate level MATH156 Minimum grade of C or Undergraduate level MATH146 Minimum grade of C or Undergraduate level STAT146 Minimum grade of C or Undergraduate level PSYC210 Minimum grade of C)

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 498 - Methods of Biol Research I

# BIOL 498 - Methods of Biol Research I

## 1 - 2 Credit Hours

Development of a research project emphasizing experimental design, controls, gathering and interpreting experimental data from living organisms. Projects vary depending on faculty advisor. Intended for Seniors.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C and Undergraduate level BIOL161 Minimum grade of C and Undergraduate level BIOL162 Minimum grade of C and Undergraduate level BIOL163 Minimum grade of C and Undergraduate level CHEM160 Minimum grade of C and Undergraduate level CHEM161 Minimum grade of C and Undergraduate level CHEM162 Minimum grade of C and Undergraduate level CHEM163 Minimum grade of C and (Undergraduate level MATH146 Minimum grade of C or Undergraduate level MATH156 Minimum grade of C or Undergraduate level PSYC210 Minimum grade of C)

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 499 - Methods of Biol Research II

# BIOL 499 - Methods of Biol Research II

### **1 - 2 Credit Hours**

A continuation of BIOL 498 culminating in the written and oral presentation of scientific reports.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of C and Undergraduate level BIOL161 Minimum grade of C and Undergraduate level BIOL162 Minimum grade of C and Undergraduate level BIOL163 Minimum grade of C and Undergraduate level CHEM160 Minimum grade of C and Undergraduate level CHEM161 Minimum grade of C and Undergraduate level CHEM162 Minimum grade of C and Undergraduate level CHEM163 Minimum grade of C and (Undergraduate level MATH146 Minimum grade of C or Undergraduate level MATH156 Minimum grade of C or Undergraduate level PSYC210 Minimum grade of C)

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

### **BLAW 300 - Legal Environment**

## **BLAW 300 - Legal Environment**

### **3 Credit Hours**

Provides a background in the legal environment of business. Topics include: contracts, business torts, product liability, business entities, ethics, and employment discrimination.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Course Attributes:** Diversity Flag, ERS Focus Elective, Gender & Diversity Studies

**Levels:** Undergraduate

*Williams College of Business Accountancy*

### **BLAW 400 - Regulatory Environ of Business**

## **BLAW 400 - Regulatory Environ of Business**

### **3 Credit Hours**

0

**Prerequisites:** BLAW300

**Levels:** Undergraduate

*Williams College of Business Accountancy*

### **BLAW 550 - Business Law and Ethics**

## **BLAW 550 - Business Law and Ethics**

### **3 Credit Hours**

The course is structured around an organization's core values (i.e. leadership, integrity, honesty, etc.) The course explores the relationship between ethics and law by discussing legal concepts (i.e. compliance, governance, discrimination, products, & liability), then analyzing the ethical implications of these same topics. The class format will include lecture, case analysis, discussion using the Socratic method and groups, and student team projects. Students take weekly quizzes and research and write a paper exploring an approved business legal and ethics topic they select.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Accountancy*

### **BLAW 620 - Law & Prof Ethics**

# BLAW 620 - Law & Prof Ethics

3 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## BLAW 695 - Individual Readings

# BLAW 695 - Individual Readings

3 Credit Hours

0

**Prerequisites:** BLAW550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Accountancy*

## BLAW 750 - View Bus Through Legal Lens

# BLAW 750 - View Bus Through Legal Lens

1.5 Credit Hours

The course will explore the relationship between business and legal/regulatory issues (i.e. affirmative action, insider trading, products liability).

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Accountancy*

## BLAW 751 - View Bus Through Eth Lens

# BLAW 751 - View Bus Through Eth Lens

1.5 Credit Hours

The course will build on the legal case study technique developed in the "Legal Lens" course, and develop critical thinking skills for managers using Harvard Business Cases.

**Prerequisites:** BLAW750

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Accountancy*

## BLAW 755 - Business Law and Ethics

# BLAW 755 - Business Law and Ethics

## 3 Credit Hours

This course is structured around an organization's core values including leadership, integrity and honesty. This course explores the relationship between ethics and law by discussing legal concepts and then analyzing the ethical implications of these topics.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Accountancy*

## BUAD 79 - Corporate Governance

# BUAD 79 - Corporate Governance

## 1.5 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Administration*

## BUAD 101 - The Business Profession I

# BUAD 101 - The Business Profession I

## 0 Credit Hours

Self-Assessment and Awareness. Provides an introduction to business careers and ethics. Students will identify their skills, interests and values and how they relate to careers and work environments.

**Restrictions:** Must be enrolled in one of the following Classifications: Freshman

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## BUAD 102 - The Business Profession I

# BUAD 102 - The Business Profession I

## 0 Credit Hours

Self-Assessment and Awareness. Provides an introduction to business careers and ethics. Students will identify their skills, interests and values and how they relate to careers and work environments.

**Restrictions:** Must be enrolled in one of the following Classifications: Freshman

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## BUAD 201 - The Business Profession II

# BUAD 201 - The Business Profession II

**0 Credit Hours**

Preparing for Business Life. Focuses on career and market exploration, job search skills, resume design and writing, business practices and cooperative education opportunities.

**Restrictions:** Must be enrolled in one of the following Classifications: Sophomore

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## BUAD 202 - The Business Profession II

# BUAD 202 - The Business Profession II

**0 Credit Hours**

Preparing for Business Life. Focuses on career and market exploration, job search skills, resume design and writing, business practices and cooperative education opportunities.

**Restrictions:** Must be enrolled in one of the following Classifications: Sophomore

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## BUAD 301 - The Business Profession III

# BUAD 301 - The Business Profession III

**0 Credit Hours**

Planning your Career Search. Centers on job search resources and professional associations, interviewing, and networking. Required for all business juniors.

**Restrictions:** Must be enrolled in one of the following Classifications: Junior

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## BUAD 302 - The Business Profession III

# BUAD 302 - The Business Profession III

**0 Credit Hours**

Planning your Career Search. Centers on job search resources and professional associations, interviewing and networking.

**Restrictions:** Must be enrolled in one of the following Classifications: Junior

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## BUAD 303 - Co-op Education/Intl Bus:JR

# BUAD 303 - Co-op Education/Intl Bus:JR

**3 - 6 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved economic-related work experience. Student must have completed 55 credit hours, have a 2.750 GPA and receive departmental approval.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Administration*

**BUAD 398 - Business Core Capstone**

# BUAD 398 - Business Core Capstone

**3 Credit Hours**

This course teaches students how to integrate functional knowledges, such as marketing, finance, accounting, economics, and information systems. Students will learn practical frameworks first and then design strategies to achieve sustainable competitive advantage for companies in various stages of growth. The class instructor will use lectures, discussions, group projects, and individual assignments.

**Prerequisites:** FINC300 and MKTG300 and MGMT200

**Levels:** Undergraduate

*Williams College of Business Business Administration*

**BUAD 401 - The Business Profession IV**

# BUAD 401 - The Business Profession IV

**0 Credit Hours**

Beginning your Career. Explores job placement opportunities, evaluating a job offer, professional associations, and community service.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Undergraduate

*Williams College of Business Business Administration*

**BUAD 402 - The Business Profession IV**

# BUAD 402 - The Business Profession IV

**0 Credit Hours**

Beginning your Career. Explores job placement opportunities, evaluating a job offer, professional associations and community service.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Undergraduate

*Williams College of Business Business Administration*

**BUAD 403 - Co-op Education/Intl Bus:SR**

# BUAD 403 - Co-op Education/Intl Bus:SR

**3 - 6 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved economic-related work experience. Student must have completed 55 credit hours, have a 2.750 GPA and receive departmental approval.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## **BUAD 480 - Doing Business In Asia**

# **BUAD 480 - Doing Business In Asia**

### **3 Credit Hours**

This travel course will expose students to the rapidly changing global marketplace and opportunities and challenges for companies working in/with Japan and Korea. Students will draw upon the knowledge learned in their business courses and propose and prepare a viable business venture in Japan or Korea. Selected juniors, seniors and pre-MBA students only.

**Co-requisites:** ECON300

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## **BUAD 481 - Doing Business In Europe**

# **BUAD 481 - Doing Business In Europe**

### **3 Credit Hours**

This travel course will expose students to the rapidly changing global marketplace and opportunities and challenges for companies working in London and the EU. Students will draw upon the knowledge learned in their business courses and assess strategies used by businesses to successfully penetrate the European market. Selected juniors, seniors and pre-MBA students only.

**Co-requisites:** ECON300

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## **BUAD 482 - Doing Business In ME: Israel**

# **BUAD 482 - Doing Business In ME: Israel**

### **3 Credit Hours**

This course is designed to provide students with an intensive, cultural immersion and exposure to global business and practices in Middle East/Israel. During the course, students will experience, first hand, local culture and markets; explore the business environment and political, social and economic context; better understand the rapidly changing global market conditions; and apply the theoretical framework learned throughout their business courses on a research project and/or business proposal and journal. Foreign travel is required. Business focus will vary based on country or region.

**Levels:** Undergraduate

*Williams College of Business Business Administration*

## **BUAD 484 - Doing Business In Latin Amer**

# **BUAD 484 - Doing Business In Latin Amer**



**3 Credit Hours**

0

**Prerequisites:** ECON300

**Levels:** Undergraduate

*Williams College of Business Business Administration*

**BUAD 495 - Intern'l Business Capstone**

## **BUAD 495 - Intern'l Business Capstone**

**3 Credit Hours**

Students learn to engage in research and effectively develop business policies in the global marketplace, as well as gain experience in implementing policy in the field and becoming country and regional managers for companies with international operations.

**Prerequisites:** ECON300 and MGMT325 and MKTG320 and FINC476

**Levels:** Undergraduate

*Williams College of Business Business Administration*

**BUAD 501 - Ldrshp and Communication**

## **BUAD 501 - Ldrshp and Communication**

**3 Credit Hours**

This course is designed to help the student influence others in business and other organizational settings.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Administration*

**BUAD 550 - International Business**

## **BUAD 550 - International Business**

**3 Credit Hours**

This course examines issues in international business including globalization, differences in political and economic systems as well as cultural differences across countries, comparative advantage and trade policy, exchange rates, international capital markets and global finance, strategy, and regional economic integration agreements.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Administration*

**BUAD 603 - MBA Internship**

## **BUAD 603 - MBA Internship**

**3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved MBA related work.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Administration*

### **BUAD 604 - Spirituality and Leadership**

## **BUAD 604 - Spirituality and Leadership**

#### **3 Credit Hours**

This course focuses on the integration of spirituality into leadership. It will provide insight into the nature, scope and challenge of leadership and help students to realize their spirituality and its application to leadership. The goal of the course is to provide a means by which class participants can become more effective leaders and mentors by becoming more aware of how spirituality affects their leadership style.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Administration*

### **BUAD 609 - Business Ethics Through Film**

## **BUAD 609 - Business Ethics Through Film**

#### **3 Credit Hours**

This course uses film, web links and business ethics articles to facilitate class discussion and highlight important ethical issues of the day.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Business Administration*

### **BUAD 611 - Workforce Diversity Issues**

## **BUAD 611 - Workforce Diversity Issues**

#### **3 Credit Hours**

Workforce Diversity Issues utilizes a multi-disciplinary perspective, so we will draw on economic, sociology, psychology, history, management, and law in our exploration of these issues. This course combines analysis of theoretical and background readings, examination of cases, class discussion and sharing of perspectives, experiential exercises, and application of ideas to real-world situations. Student presentations, based on individual and group research, will assist in achieving course objectives.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Business Administration*

### **BUAD 640 - Business In a Global Economy**

## **BUAD 640 - Business In a Global Economy**

#### **3 Credit Hours**

An in-depth review of the economies of China, India, and Brazil and their impact on the global marketplace.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Administration*

### **BUAD 680 - Doing Business in Asia**

## **BUAD 680 - Doing Business in Asia**

#### **0 - 3 Credit Hours**

Assess the elements of quality manufacturing and service used by companies doing business in Japan, Singapore, and other Asian countries. Explore the procedures used to adapt to cultural diversity.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Business Administration*

### **BUAD 681 - Doing Business in Europe**

## **BUAD 681 - Doing Business in Europe**

#### **3 Credit Hours**

Assess the strategies of niche manufacturing and marketing used by business to successfully penetrate the European market, and procedures used to adapt to cultural diversity.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Business Administration*

### **BUAD 682 - Doing Business In Africa**

## **BUAD 682 - Doing Business In Africa**

#### **0 - 3 Credit Hours**

Assess the strategies of niche manufacturing and marketing used by business to successfully penetrate the African market, and procedures used to adapt to cultural diversity.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Administration*

### **BUAD 684 - Doing Business South America**

## **BUAD 684 - Doing Business South America**

#### **3 Credit Hours**

Assess the strategies of niche manufacturing and marketing used by business to successfully penetrate the South American market, and procedures used to adapt to cultural diversity.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **BUAD 688 - Doing Business In Israel**

# **BUAD 688 - Doing Business In Israel**

### **3 Credit Hours**

This course will explore why entrepreneurial ventures and business start-ups are so successful in Israel and will view all aspects of a successful international start up. The course will also review how relationships are being established between Israel and Greater Cincinnati for both start up organizations and significant international companies.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **BUAD 690 - Corporate Governance**

# **BUAD 690 - Corporate Governance**

### **3 Credit Hours**

This course provides an introduction to corporate governance that applies to publicly held corporations, privately owned corporations and nonprofit organizations. The course emphasizes the development, implementation, monitoring, and evaluation of effective governance strategies.

**Prerequisites:** ACCT550 and FINC550 and ECON550 and ( INFO550 or BAIS550) and MGMT550 and MKTG550 and BLAW550 and ( MGMT551 or ACCT600) and ACCT601 and FINC600 and ECON600 and ( INFO600 or BAIS600) and MGMT600 and MKTG600 and MGMT601 and BUAD600

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **BUAD 691 - Global Strategic Thinking**

# **BUAD 691 - Global Strategic Thinking**

### **3 Credit Hours**

This course creates a common frame of reference for theories, skills and processes to be used for analyzing case situations. Course emphasis will be on presentations of theories, discussions, presentations of current business issues, problem-solving activities, case analyses and guest speaker visits.

**Prerequisites:** ACCT550 and FINC550 and ECON550 and ( INFO550 or BAIS550) and MGMT550 and MKTG550 and BLAW550 and ( MGMT551 or ACCT600) and ACCT601 and FINC600 and ECON600 and ( INFO600 or BAIS600) and MGMT600 and MKTG600 and MGMT601 and BUAD600

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **BUAD 692 - Service Learning**

# **BUAD 692 - Service Learning**

### **3 Credit Hours**

Student teams serve as consultants to not-for-profit organizations or companies that are committed to serving their community. The course will include lectures and readings,

development and execution of a consulting plan, teaming in all aspects of the course, and reflection on experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Administration*

## **BUAD 694 - Bond Portfolio Management**

# **BUAD 694 - Bond Portfolio Management**

### **3 Credit Hours**

This course is a portfolio management experience for student members of the Xavier Students Bond Investment Fund (XSBIF). Prerequisite of any FINC 600 course or permission of the instructor.

**Prerequisites:** FINC602 or FINC607 or FINC621 or FINC632 or FINC640 or FINC645 or FINC651 or FINC653 or FINC660 or FINC663 or FINC670 or FINC675 or FINC683 or FINC684 or FINC685 or FINC695

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Business Administration*

## **BUAD 695 - Individual Readings & Research**

# **BUAD 695 - Individual Readings & Research**

### **1 - 3 Credit Hours**

This course attempts to understand why some firms achieve their objectives, grow, and attract resources while others stagnate, go bankrupt, or succumb to hostile takeovers. This course will attempt to provide the foundations of successful general management by focusing on the role, skills and functions of the chief executive officer and other senior managers. This perspective requires viewing the corporation as a whole and analyzing its relationship with the environment and other organizations. It involves integrating a knowledge of the different functional areas such as finance, accounting, marketing and organizational behavior/human resource management. To achieve the WCB mission and goals described above, this course introduces the most advanced and innovative simulation-based learning experiences.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Business Administration*

## **BUAD 750 - Immersion Phase 1**

# **BUAD 750 - Immersion Phase 1**

### **1 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Business Administration*

## **BUAD 751 - Integrative Project Phase 2**

# BUAD 751 - Integrative Project Phase 2

## 3 Credit Hours

Entrepreneurial behavior is integral to sustaining a company's competitive advantage. As a capstone course to the EMBA program, the Integrative Project is designed to give students senior-management level hands-on experience to research, design, develop and implement a new strategic innovative initiative for a chosen organization. Therefore, the objective of this course is to allow students to apply the concepts that they have learned in previous EMBA courses and use that material to develop, design and lead a new strategic entrepreneurial initiative for enhanced organizational performance. The format of the class will include faculty content delivery and significant hands-on lab work under faculty facilitation. Due to the different topic areas included in this course, it will be taught by the faculty member best qualified to deliver content on each topic, so there will be multiple faculty involved. At times, a guest faculty or outside executive may be invited to a specific class to provide information and/or guidance on an area related to his/her expertise. All faculty involved in teaching the course will be available to facilitate and/or answer questions related to his/her area of expertise, although one faculty member will have overall responsibility for the course and associated hands-on project.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Business Administration*

## BUAD 752 - Integrative Project Phase 3

# BUAD 752 - Integrative Project Phase 3

## 3 Credit Hours

Entrepreneurial behavior is integral to sustaining a company's competitive advantage. As a capstone course to the EMBA program, the Integrative Project is designed to give students senior-management level hands-on experience to research, design, develop and implement a new strategic innovative initiative for a chosen organization. Therefore, the objective of this course is to allow students to apply the concepts that they have learned in previous EMBA courses and use that material to develop, design and lead a new strategic entrepreneurial initiative for enhanced organizational performance. The format of the class will include faculty content delivery and significant hands-on lab work under faculty facilitation. Due to the different topic areas included in this course, it will be taught by the faculty member best qualified to deliver content on each topic, so there will be multiple faculty involved. At times, a guest faculty or outside executive may be invited to a specific class to provide information and/or guidance on an area related to his/her expertise. All faculty involved in teaching the course will be available to facilitate and/or answer questions related to his/her area of expertise, although one faculty member will have overall responsibility for the course and associated hands-on project.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Business Administration*

## BUAD 754 - Integrative Capstone Project

# BUAD 754 - Integrative Capstone Project

## 3 Credit Hours

Entrepreneurial behavior is integral to sustaining a company's competitive advantage. As a capstone course to the EMBA program, the Integrative Project is designed to give students senior-management level hands-on experience to research, design, develop and implement a new strategic innovative initiative for a chosen organization. Therefore, the objective of this course is to allow students to apply the concepts that they have learned in previous EMBA courses and use that material to develop, design and lead a new strategic entrepreneurial initiative for enhanced organizational performance. The format of the class will include faculty content delivery and significant hands-on lab work under faculty facilitation. Due to the different topic areas included in this course, it will be taught by the faculty member best qualified to deliver content on each topic, so there will be multiple faculty involved. At times, a guest faculty or outside executive may be invited to a specific class to provide information and/or guidance on an area related to his/her expertise. All faculty involved in teaching the course will be available to facilitate and/or answer questions related to his/her area of expertise, although one faculty member will have overall responsibility for the course and associated hands-on project.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Business Administration*

## BUAD 755 - International Residency

# BUAD 755 - International Residency

### 3 Credit Hours

The International Residency will provide students with an in-depth knowledge of how business is conducted in the emerging markets. The objective of this residency is to provide the students an opportunity to apply the concepts they have learned in their previous EMBA course modules to understanding the opportunities and challenges in doing business in the hottest markets of the 21st century. The international residency is designed to provide a foundation for understanding how the competitive position of a firm is devised based on analyzing the external environment, industry structure, country-based sources of advantage and distinctive competencies of the firm. An integrative approach is used to help students learn to effectively deal with the competitive consequences of constant change in the global marketing environment.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Business Administration*

## BUAD 756 - Integrative Capstone Proj II

# BUAD 756 - Integrative Capstone Proj II

### 1 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Business Administration*

## BUAD 790 - Corporate Governance

# BUAD 790 - Corporate Governance

### 1.5 Credit Hours

Students will learn essential concepts of corporate governance as they apply to publicly held corporations, privately owned corporations and nonprofit organizations. The course emphasizes the development, implementation, monitoring, and evaluation of effective governance strategies.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Business Administration*

## BUAD 792 - Global Strategic Thinking II

# BUAD 792 - Global Strategic Thinking II

### 2 Credit Hours

This course creates a process which allows students to develop the ability to integrate information from the business function courses using the skills developed in the business and systems skills and foundation skills courses. Organizations are examined holistically, globally, and strategically.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Administration*

### **CEAD 570 - Psycho-Social Aspects-Coaching**

## **CEAD 570 - Psycho-Social Aspects-Coaching**

#### **3 Credit Hours**

This course will provide the theoretical and practical foundation for the CEAD program that views coaching as a holistic and integrative process in an ever changing and complex environment. It will provide an introduction to the coaching process through an examination of the social, cultural, and pedagogical foundations of coaching practice.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **CEAD 610 - Coaching Ethics & Philosophy**

## **CEAD 610 - Coaching Ethics & Philosophy**

#### **3 Credit Hours**

An online course designed to provide an examination of ethics, morality, diversity, and philosophy as it relates to coaching modern sports. Discussions will revolve around the coaches' role as a moral exemplar, identifying and resolving ethical dilemmas and what it means to be a morally responsible sportsperson.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **CEAD 620 - Sport Leadership/Team Building**

## **CEAD 620 - Sport Leadership/Team Building**

#### **3 Credit Hours**

An online course designed to provide an examination of leadership in sport as well as taking a critical examination of the role of competition and leadership development. Discussions will revolve around the complexity of leadership development in sport for all participants, how leadership development should occur in sport, and how competition influences all three areas.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **CEAD 625 - The Science of Performance**

## **CEAD 625 - The Science of Performance**



### **3 Credit Hours**

This course will provide an exercise science foundation to coaching that includes energy systems, muscle physiology, and how the body adapts to the physical and psychological demands placed upon it for maximum performance. Sport specific training, conditioning, recovery, and nutritional programs will also be addressed as it relates to developmentally appropriate sport training.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **CEAD 630 - Sport Pedagogy / Coaching An**

## **CEAD 630 - Sport Pedagogy / Coaching An**

### **3 Credit Hours**

This course will examine various coaching methods and behaviors, within a historical and contemporary context. The pedagogy philosophy will be to understand the differences between the traditional technical model and the current game-based model. The result will be a more reflective coach regarding their own coaching behaviors, as well as to be able to teach, analyze and correct sport specific movement techniques and skills.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **CEAD 640 - Sp Safety Risk Mgmt Injury Pre**

## **CEAD 640 - Sp Safety Risk Mgmt Injury Pre**

### **3 Credit Hours**

This course stresses the basic steps to follow for successful practice and team management of athletes including risk assessment, life-threatening emergencies, injuries, medical concerns, healthy lifestyles, disease transmission, child safety and injury prevention.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **CEAD 650 - Long Term Athlete Dev 1 Youth**

## **CEAD 650 - Long Term Athlete Dev 1 Youth**

### **3 Credit Hours**

This course creates a foundation to understanding LTAD and will address motor development, motor learning, information processing, and the physical, social, emotional and psychological characteristics and abilities of children from the age of 3 to 19. The discussions and course content will be within the context of youth sport programming and developmentally appropriate sport training.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

## **CEAD 660 - Long-Term Athlete Dev-2 Elite**

# **CEAD 660 - Long-Term Athlete Dev-2 Elite**

### **3 Credit Hours**

This course continues the LTAD process discussion but in the context of sport training and programming for the elite and senior athletes by addressing the 20 - 90-year-old age range. Research shows that individuals are capable of maintaining a high level of fitness and physical competence well into later life. LTAD-2 therefore will not only address coaching the elite athlete, but also individuals who wish to continue their competitive careers.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

## **CEAD 670 - Research in Coaching**

# **CEAD 670 - Research in Coaching**

### **3 Credit Hours**

The research in coaching course is designed to expose the coach to the research process, synthesizing the literature to support coaching practices, and to solve real coaching problems through the scientific method.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

## **CEAD 680 - Residency I - Professional Dev**

# **CEAD 680 - Residency I - Professional Dev**

### **3 Credit Hours**

This first residency is designed to connect the student to the academic and scholarly work being conducted in the field of coaching education by attending the National Coaching Conference. The National Coaching Conference is an annual professional conference hosted by the United States Coaching Education Coalition (USOC, NCAA, NFHS, SHAPE America, and NSCA). This year the three-day conference is being held at West Virginia University (June 10-12). The 2015 theme is Physical Literacy: The launching pad for lifetime athletic development and performance. Prior to the conference students will be assigned to specific sessions to attend. Each evening the cohort will meet to discuss the day and what was learned. At the conclusion of the conference students will submit a conference reflection paper. Following the conference students will continue to investigate, research, and present information to cohort members in our online format. The goal is to use the conference theme as a jumping off point for learning and reflecting on the most up to date best practices in coaching education and to become more familiar with the National Standards for Sport Coaches.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

## **CEAD 681 - Residency II - Assessment**

# CEAD 681 - Residency II - Assessment

## **3 Credit Hours**

This is the final course in the CEAD program that will address current issues and trends in the field of coaching education and athlete development. The course will also prepare the student for the final assessment phase of the program.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## **CHEM 102 - Chemistry: Environ & Energy**

# CHEM 102 - Chemistry: Environ & Energy

## **2 Credit Hours**

A course for the non-science major. The relationship between chemistry and contemporary society.

**Co-requisites:** CHEM103

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

## **CHEM 103 - Chemistry: Environ & Ener Lab**

# CHEM 103 - Chemistry: Environ & Ener Lab

## **1 Credit Hours**

Chemical experimentation which illustrates the concepts described in CHEM102

**Co-requisites:** CHEM102

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

## **CHEM 104 - Chemistry: Life and Health**

# CHEM 104 - Chemistry: Life and Health

## **2 Credit Hours**

A course for the non-science major. The impact of basic chemical discoveries and of certain organic and biochemical compounds on society. Fulfills the E/RS Focus elective when taken with CHEM 105.

**Prerequisites:** (Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D) or CORE105

**Co-requisites:** CHEM105

**Course Attributes:** ERS Focus Elective Pt. 1, Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 105 - Chem: Life and Health Lab**

# **CHEM 105 - Chem: Life and Health Lab**

#### **1 Credit Hours**

Chemical experimentation which illustrates the concepts described in CHEM 104. Fulfills the E/RS Focus elective when taken with CHEM 104.

**Prerequisites:** (Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D) or CORE105

**Co-requisites:** CHEM104

**Course Attributes:** ERS Focus Elective Pt. 2, Nat Science Elect Lab Core

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 150 - Physiological Chemistry**

# **CHEM 150 - Physiological Chemistry**

#### **3 Credit Hours**

This is a one semester course covering basic concepts in general chemistry, organic chemistry and biochemistry that includes an understanding of the composition, structure and chemical reactions of substances in living systems. This course is required of undergraduate nursing majors.

**Co-requisites:** CHEM151

**Course Attributes:** Quantitative Reason Flag Pt. 1

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 151 - Physiological Chemistry Lab**

# **CHEM 151 - Physiological Chemistry Lab**

#### **1 Credit Hours**

Chemical experimentation which illustrates the concepts described in CHEM 150.

**Co-requisites:** CHEM150

**Course Attributes:** Quantitative Reason Flag Pt. 2

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 158 - Introductory Chemistry**

# **CHEM 158 - Introductory Chemistry**

#### **2 Credit Hours**

This course reviews the basic chemical and mathematical concepts required for success in introductory chemistry courses.

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

## **CHEM 160 - General Chemistry I**

# **CHEM 160 - General Chemistry I**

### **3 Credit Hours**

This course is the first in a two semester sequence of general chemistry. This is a pre-professional course approved by the American Chemical Society for chemistry majors and required of many other science majors. Fundamental principles of chemistry including atomic and molecular structure, states of matter, stoichiometry, energy relationships, periodic table and solution chemistry. The following mathematical concepts are used: scientific notation, logarithms, the quadratic equation and proportionality. Students must have a demonstrated competency in mathematics of MATH105 or above.

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

## **CHEM 161 - General Chemistry I Lab**

# **CHEM 161 - General Chemistry I Lab**

### **1 Credit Hours**

Practice in the basic operations of chemical laboratory work.

**Co-requisites:** CHEM160

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

## **CHEM 162 - General Chemistry II**

# **CHEM 162 - General Chemistry II**

### **3 Credit Hours**

This course is the second in a two semester sequence of general chemistry. This is a preprofessional course approved by the American Chemical Society for chemistry majors and required of many other science majors. Fundamental principles of chemistry including thermodynamics, acids and bases, kinetics, redox processes and transition metal chemistry are covered.

**Prerequisites:** Undergraduate level CHEM160 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

## **CHEM 163 - General Chemistry II Lab**

# **CHEM 163 - General Chemistry II Lab**

**1 Credit Hours**

A continuation of CHEM 161. The laboratory work includes qualitative and quantitative inorganic analysis.

**Prerequisites:** Undergraduate level CHEM161 Minimum grade of D

**Co-requisites:** CHEM162

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 180 - Intro to Chemical Enterprise**

# CHEM 180 - Intro to Chemical Enterprise

**1 Credit Hours**

An introduction to concepts and techniques needed to succeed as a professional chemist. Topics to be discussed include the chemical literature, scientific ethics, guidelines for presenting talks, and molecular modeling.

**Prerequisites:** CHEM160

**Course Attributes:** Oral Communication Flag

**Levels:** Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 205 - Preparation For Organic Chem**

# CHEM 205 - Preparation For Organic Chem

**2 Credit Hours**

This course reviews topics from General Chemistry and how those topics will be applied to Organic Chemistry.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 220 - Principles of Physical Chem**

# CHEM 220 - Principles of Physical Chem

**3 Credit Hours**

For students in the life science and BS Chemical Science programs. Aspects of physical chemistry most relevant to living systems.

**Prerequisites:** Undergraduate level CHEM162 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 221 - Analytical Chemistry**

# CHEM 221 - Analytical Chemistry

**1 Credit Hours**

Lecture and Laboratory course. Application of wet and instrumental analytical methods to substances of clinical interest.

**Prerequisites:** Undergraduate level CHEM163 Minimum grade of D or Undergraduate level CHEM165 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 226 - Quantitative Analysis**

# CHEM 226 - Quantitative Analysis

**3 Credit Hours**

An introductory course in analytical chemistry covering gravimetric and titrimetric methods of analysis. Statistical analysis of data is performed.

**Prerequisites:** Undergraduate level CHEM162 Minimum grade of D and (Undergraduate level CHEM163 Minimum grade of D or Undergraduate level CHEM165 Minimum grade of D)

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 227 - Quantitative Analysis Lab**

# CHEM 227 - Quantitative Analysis Lab

**1 Credit Hours**

Laboratory experiments to demonstrate the concepts discussed in CHEM 226.

**Prerequisites:** Undergraduate level CHEM163 Minimum grade of D or Undergraduate level CHEM165 Minimum grade of D

**Co-requisites:** CHEM226

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 240 - Organic Chemistry I**

# CHEM 240 - Organic Chemistry I

**3 Credit Hours**

This course is the first in a two semester sequence of organic chemistry. This is a pre-professional course approved by the American Chemical Society for chemistry majors and required of many other science majors. This course examines the basic structure, properties, preparation and reaction mechanisms of organic compounds.

**Prerequisites:** Undergraduate level CHEM162 Minimum grade of C- or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 241 - Organic Chemistry I Lab**

# CHEM 241 - Organic Chemistry I Lab

**1 Credit Hours**

The practice of fundamental operations involved in the synthesis, separation, purification, and identification of organic compounds.

**Prerequisites:** Undergraduate level CHEM163 Minimum grade of D or Undergraduate level CHEM165 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 242 - Organic Chemistry II**

# CHEM 242 - Organic Chemistry II

**3 Credit Hours**

This course is the second in a two semester sequence of organic chemistry. This is a preprofessional course approved by the American Chemical Society for chemistry majors and required of many other science majors. This course continues in the examination of the basic structure, properties, preparation and reaction mechanisms of organic compounds.

**Prerequisites:** Undergraduate level CHEM240 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 243 - Organic Chemistry II Lab**

# CHEM 243 - Organic Chemistry II Lab

**1 Credit Hours**

Continuation of the laboratory work of CHEM 241 with increased emphasis on the reactions and synthesis of organic systems.

**Prerequisites:** Undergraduate level CHEM241 Minimum grade of D or Graduate level EDMS999

**Co-requisites:** CHEM242

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 250 - Quality Science Regulations**

# CHEM 250 - Quality Science Regulations

**3 Credit Hours**

An introduction to global regulatory and legal requirements of Quality Science focusing on "why" global regulations were adopted and the evolution of quality systems based on chemical principles.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 300 - Intro to Chem Research**

# CHEM 300 - Intro to Chem Research

**1 Credit Hours**

An introduction to the nature and use of the chemical literature, general research procedures, technical report writing, and computerized literature searches.



**Restrictions:** Must be enrolled in one of the following Classifications: Junior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 320 - Physical Chemistry I**

# **CHEM 320 - Physical Chemistry I**

**3 Credit Hours**

An introduction to theoretical chemistry with emphasis on thermodynamics and chemical equilibrium.

**Prerequisites:** (Undergraduate level CHEM162 Minimum grade of D and Undergraduate level MATH220 Minimum grade of D) or EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 322 - Physical Chemistry II**

# **CHEM 322 - Physical Chemistry II**

**3 Credit Hours**

A continuation of CHEM 320. Chief emphasis on chemical kinetics and kinetic molecular theory.

**Prerequisites:** Undergraduate level CHEM320 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 325 - Physical Chemistry Laboratory**

# **CHEM 325 - Physical Chemistry Laboratory**

**1 Credit Hours**

A laboratory course to demonstrate basic principles of physical chemistry.

**Prerequisites:** Undergraduate level CHEM320 Minimum grade of D

**Co-requisites:** CHEM322, CHEM330

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 330 - Quantum Chemistry**

# **CHEM 330 - Quantum Chemistry**

**2 Credit Hours**

An introduction to quantum chemistry and molecular structure.

**Prerequisites:** Undergraduate level CHEM162 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 340 - Instrumental Analysis**

## **CHEM 340 - Instrumental Analysis**

**3 Credit Hours**

Discussion of modern analytical chemistry with emphasis on instrumentation and measurement techniques.

**Prerequisites:** Undergraduate level CHEM220 Minimum grade of D or Undergraduate level CHEM320 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 341 - Instrumental Analysis Lab**

## **CHEM 341 - Instrumental Analysis Lab**

**1 Credit Hours**

Practice in the use of chemical instrumentation as available.

**Prerequisites:** Undergraduate level CHEM340 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 400 - Research/Seminar**

## **CHEM 400 - Research/Seminar**

**1 Credit Hours**

Capstone course for the chemistry and chemical science major. Undergraduate research performed under the direction of a faculty member. Students share the results of their research and interact with outside speakers during weekly seminar sessions. A written thesis is the final product of these activities.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

### **CHEM 411 - Organic Synthesis & Analysis**

## **CHEM 411 - Organic Synthesis & Analysis**

**3 Credit Hours**

Synthesis and analysis of organic compounds. Emphasis on chromatographic and spectroscopic methods of identification and estimation.

**Prerequisites:** (Undergraduate level CHEM242 Minimum grade of D and Undergraduate level CHEM243 Minimum grade of D) or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

## CHEM 420 - Inorganic Chemistry

# CHEM 420 - Inorganic Chemistry

### 3 Credit Hours

Modern theories of bonding and structure, spectroscopy, redox chemistry, and reaction mechanisms. Coordination compounds, organometallic clusters, and catalysis.

**Prerequisites:** Undergraduate level CHEM330 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

## CHEM 421 - Inorganic Chemistry Lab

# CHEM 421 - Inorganic Chemistry Lab

### 1 Credit Hours

Laboratory techniques and practice in synthetic inorganic chemistry.

**Prerequisites:** Undergraduate level CHEM420 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

## CHEM 435 - Medicinal Chemistry

# CHEM 435 - Medicinal Chemistry

### 3 Credit Hours

The science and economics of medicinal chemistry. The discovery, structure activity relationships, synthesis and mechanism of action of several classes of drugs are discussed.

**Prerequisites:** Undergraduate level CHEM242 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

## CHEM 440 - Biochemistry

# CHEM 440 - Biochemistry

### 3 Credit Hours

A lecture course treating the structure, properties, and metabolism of proteins, carbohydrates, lipids, and nucleic acids.

**Prerequisites:** Undergraduate level CHEM242 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

## CHEM 441 - Biochemistry Laboratory

# CHEM 441 - Biochemistry Laboratory

**1 Credit Hours**

A laboratory course to demonstrate fundamental biochemical techniques. The main emphasis is the purification and characterization of proteins.

**Prerequisites:** CHEM440

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 450 - Topics in Organic Chemistry**

# CHEM 450 - Topics in Organic Chemistry

**3 Credit Hours**

An extension of fundamental organic chemistry to include more specialized topics not previously considered or extensively treated.

**Prerequisites:** Undergraduate level CHEM242 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 460 - Topics in Bioorganic Chemistry**

# CHEM 460 - Topics in Bioorganic Chemistry

**2 Credit Hours**

A course devoted to the structure, reactions and synthesis of organic molecules involved in biological processes.

**Prerequisites:** Undergraduate level CHEM242 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHEM 495 - Directed Study**

# CHEM 495 - Directed Study

**1 - 3 Credit Hours**

Study of a specific topic of interest under the direction of a faculty member.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Chemistry*

**CHIN 101 - Elementary Chinese I**

# CHIN 101 - Elementary Chinese I

**3 Credit Hours**

0

**Course Attributes:** Asian Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CHIN 102 - Elementary Chinese II**

# **CHIN 102 - Elementary Chinese II**

**3 Credit Hours**  
0

**Prerequisites:** CHIN101

**Course Attributes:** Asian Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CHIN 201 - Intermediate Chinese I**

# **CHIN 201 - Intermediate Chinese I**

**3 Credit Hours**  
0

**Course Attributes:** Asian Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CHIN 202 - Intermediate Chinese II**

# **CHIN 202 - Intermediate Chinese II**

**3 Credit Hours**  
0

**Prerequisites:** CHIN201

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CHIN 300 - Advanced Chinese**

# **CHIN 300 - Advanced Chinese**

**3 Credit Hours**  
0

**Prerequisites:** CHIN202

**Course Attributes:** Asian Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CJUS 101 - Intro to Criminal Justice**

# CJUS 101 - Intro to Criminal Justice

## **3 Credit Hours**

An overview of the history and legal basis of the criminal justice system, its structures, its functions, and interface with the individual elements.

**Course Attributes:** Social Science Elective Core

**Levels:** Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 102 - Intro to Law Enforcement**

# CJUS 102 - Intro to Law Enforcement

## **3 Credit Hours**

Overview of policing problems and procedures; legal and philosophical issues in law enforcement; organization and administration of police agencies.

**Levels:** Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 103 - Intro to Corrections**

# CJUS 103 - Intro to Corrections

## **3 Credit Hours**

Explores both institutional and non-institutional corrections in contemporary society. The operations of prisons and jails and their internal procedures, including safety, security, supervision, classification and programming are explored, along with alternatives to incarceration, probation, and parole. All of these are reviewed in relation to contemporary social and political realities, along with their ethical dimension.

**Levels:** Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 167 - Survey of Society Social Work**

# CJUS 167 - Survey of Society Social Work

## **3 Credit Hours**

The course is designed to offer students a basic knowledge and understanding of societal institutions and the core concepts, skills and activities necessary to practice within them. The course also examines the historical roots of the profession; social work interventions in practice, policy, and research; the knowledge, values, ethics and skills underpinning the practice of social work with diverse populations. Students will gain an understanding of the various roles social workers perform and the settings in which they practice.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Social Science Elective Core

**Levels:** Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 206 - Criminology**

# CJUS 206 - Criminology

**3 Credit Hours**

This course explores the cause of crime and deviance from varying theoretical perspectives in the social sciences. As an introductory survey of the classical and positivist schools of criminology, theories covered include human ecology, social structural approaches, social process (learning) theories, socio-biological theories, developmental theories and control theories.

**Course Attributes:** Oral Communication Flag, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

**CJUS 210 - Basic Const Law & Amer Justice**

## CJUS 210 - Basic Const Law & Amer Justice

**3 Credit Hours**

Studies the ratification and incorporation of the Bill of Rights. Examines judicial review, the jurisdiction and organization of federal and state court systems, and the Fourth, Fifth, Sixth and Fourteenth Amendment provisions relevant to law enforcement and judicial process.

**Prerequisites:** CJUS101

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

**CJUS 230 - Legal Aspects of Corrections**

## CJUS 230 - Legal Aspects of Corrections

**3 Credit Hours**

Explores the structure and function of the Federal and State criminal court systems from institutional and behavioral perspectives, First, Sixth, Eighth and Fourteenth Amendment provisions relevant to law enforcement, judicial process and corrections. Ethical aspects are considered, especially the rights and obligations of correctional staff.

**Prerequisites:** CJUS103

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

**CJUS 239 - Criminalistics I**

## CJUS 239 - Criminalistics I

**3 Credit Hours**

Study of legal scientific physical evidence: e.g. fingerprinting, DNA analysis, serology, hair and fiber, and famous crime scene investigations.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

**CJUS 240 - Criminal Law**

## CJUS 240 - Criminal Law

**3 Credit Hours**

An overview of law in society, and especially the development, substance and application of the criminal law. This course complements the course in constitutional law and adds

a strong legal and ethical component.

**Prerequisites:** CJUS101

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 241 - Criminal Law II**

# **CJUS 241 - Criminal Law II**

### **3 Credit Hours**

An in-depth study of the criminal justice process with focus on the actors, strategies, institutions and processes which constitute law enforcement and relates the events of major cases to academic literature and policies.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 243 - Correctional Counseling & Comm**

# **CJUS 243 - Correctional Counseling & Comm**

### **3 Credit Hours**

Deals directly with necessary verbal, nonverbal, and writing skills. It also emphasizes cross-cultural communications and presents practical skills exercises relating to all of the above.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 245 - Private Security**

# **CJUS 245 - Private Security**

### **3 Credit Hours**

This course provides a rigorous introductory foundation to the field of Private Security, including its development, philosophies, responsibilities and functions, plus its principles, legal authority, and effects on society.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 246 - Risk Management**

# **CJUS 246 - Risk Management**

### **3 Credit Hours**

This course presents a rigorous introduction to the theoretical concepts of Risk Management, through various analytical concepts, survey techniques, insurance requirements, program development and operational activities, from a security practitioner's perspective.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*



## **CJUS 260 - Current Issues in Crim Justice**

# **CJUS 260 - Current Issues in Crim Justice**

### **3 Credit Hours**

A required course which complements CJUS 101 Introduction to Criminal Justice; CJUS 103 Introduction to Corrections; CJUS 321 Juvenile Justice; and relates numerous current political and social issues to adult and juvenile corrections.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 265 - Class and Class Conflict**

# **CJUS 265 - Class and Class Conflict**

### **3 Credit Hours**

Class, status, and power in social life. Systems of inequality examined within a cross-cultural perspective.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 266 - Crime & Personality**

# **CJUS 266 - Crime & Personality**

### **3 Credit Hours**

Root causes of crime in the individual and in the culture. Consideration of personality dynamics and treatment approaches are major elements of this course.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 276 - Psychology of Delinquency**

# **CJUS 276 - Psychology of Delinquency**

### **2 Credit Hours**

An elective course dealing with types and causes of juvenile delinquency together with brief case history analysis.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 304 - Crime Prevention**

# **CJUS 304 - Crime Prevention**

### **3 Credit Hours**

This course is designed to provide an exploration of various methods of community crime prevention (prevention outside the traditional confines of the CJS). The relevant theory and research related to neighborhood efforts at crime prevention, community policing, school crime prevention, and other situational prevention measures will be explored critically. As such, this course aims to provide a foundation for a better understanding of the objectives of various crime prevention efforts, as well as the proven effectiveness of these various strategies.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 316 - Crime In Film**

# **CJUS 316 - Crime In Film**

#### **3 Credit Hours**

The course will examine the portrayal of the criminal justice system in either fictional and non-fictional films or documentaries. At the end of the course students will be able to: identify both the accurate and inaccurate ways in which the film media present the justice system and its agents; understand how the images and portrayal of criminal justice professions within film media may impact on the manner in which they are treated in society; and link the depiction of criminal behavior within the film media to empirical criminological perspectives.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 321 - Juvenile Justice**

# **CJUS 321 - Juvenile Justice**

#### **3 Credit Hours**

A required course which emphasizes juvenile court philosophy and practices, prevailing case law, applicable federal and state legislation, historical and current trends and development of standards, alternatives to incarceration, and a comparison of the treatment of the juvenile offender in the juvenile justice system as opposed to the adult system.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 335 - Inside-Out Prison Exchange**

# **CJUS 335 - Inside-Out Prison Exchange**

#### **3 Credit Hours**

This course take a pedagogical approach to topics of crime, justice, social action, and the role people inside and outside of correctional institutions play in shaping such matters. By bringing university students and correctional students together behind walls of an institution, this course is an opportunity for all participants to gain a deeper understanding of the criminal justice system through a marriage of theoretical knowledge and practical experience.

**Course Attributes:** Diversity Flag, Immersive Learning Experience, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 336 - Inside Out Prison Exchange II**

# **CJUS 336 - Inside Out Prison Exchange II**

#### **3 Credit Hours**

This course take a pedagogical approach to topics of crime, justice, social action, and the role people inside and outside of correctional institutions play in shaping such matters. By bringing university students and correctional students together behind walls of an institution, this course is an opportunity for all participants to gain a deeper understanding of the criminal justice system through a marriage of theoretical knowledge and practical experience.

**Course Attributes:** Gender & Diversity Studies, Immersive Learning Experience, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 350 - Treating Sex Offenders&Victims**

# **CJUS 350 - Treating Sex Offenders&Victims**

#### **1 Credit Hours**

This workshop will explore treatment issues and approaches for working with sex offenders, victims, and other family members.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 364 - Overview of Contemp Correction**

# **CJUS 364 - Overview of Contemp Correction**

#### **3 Credit Hours**

Compares historical and contemporary methodologies, presents and critiques jail and prison programs, applies court decisions to current practices, and generally analyzes institutional and non-institutional corrections in relation to today's social and political realities. Staff and inmate rights and responsibilities are presented within the context of ethical and legal requirements.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 365 - Women in Criminal Justice Syst**

# **CJUS 365 - Women in Criminal Justice Syst**

#### **3 Credit Hours**

This course is designed to explore the perceptions and treatment of women in and by the criminal justice system. Emphasis will be placed on how the image and portrayal of females in American society impact on the manner in which they are treated as perpetrators of crime, victims of crime, and criminal justice professionals. Students will also gain an understanding of the historical treatment of women by the agents of the criminal justice system.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, GDST Women and Gender Conc

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 381 - Methods of Research in CJUS**

# **CJUS 381 - Methods of Research in CJUS**

#### **3 Credit Hours**

This course is designed to acquaint students with basic research methodology that is useful in understanding criminological and criminal justice scholarship. By the end of the course the students should: (1) understand the language of research, (2) understand and apply the research process and data gathering strategies, and (3) have a basic understanding of research appearing in professional journals.

**Course Attributes:** Scientific Perspectives Lab, Scientific Perspectives Lect

**Levels:** Graduate Undergraduate

**CJUS 391 - Practicum / Ethics**

# **CJUS 391 - Practicum / Ethics**

**3 Credit Hours**

This practicum requires a minimum of 150 clock hours. Provides an opportunity for the student to integrate theory and concepts presents in the classroom with day to day reality and actual practice of the profession.

**Prerequisites:** Undergraduate level CJUS101 Minimum grade of D

**Levels:** Graduate Undergraduate

**CJUS 392 - Criminal Justice Practicum II**

# **CJUS 392 - Criminal Justice Practicum II**

**1 - 3 Credit Hours**

An elective, non-classroom, on-the-job experience which provides the student additional opportunity to integrate the theory and concepts presented in the classroom with day to day reality and actual practice of the profession. This practicum requires 150 clock hours. See CJUS 391 for more information about the types of activities that might be included.

**Prerequisites:** Undergraduate level CJUS101 Minimum grade of D

**Levels:** Graduate Undergraduate

**CJUS 408 - Women & Societal Violence**

# **CJUS 408 - Women & Societal Violence**

**1 Credit Hours**

A historical perspective on violence against women. Modern day forms of violence against women and intervention will be studied. Prosecution of cases will be presented and treatment strategies for offenders will be explored.

**Levels:** Graduate Undergraduate

**CJUS 430 - Intro to Rational Behav Therap**

# **CJUS 430 - Intro to Rational Behav Therap**

**0 - 2 Credit Hours**

Rational emotive behavioral therapy is a self-help form of counseling which teaches people how to increase their skill in reasoning so that they will be better able to deal with problems and stresses of daily living. It can enable normal people to improve their lives and disturbed people to regain emotional and mental health.

**Levels:** Graduate Undergraduate

**CJUS 435 - Terrorism & Homeland Security**

# CJUS 435 - Terrorism & Homeland Security

## **3 Credit Hours**

An introduction to terrorism and homeland security. The course is divided into two parts. In the first part (8 weeks), the student will be exposed to definitions, history, typologies, evolutions, causation, ideology, and conduct of terrorism. This provides the student with a solid foundation to digest the materials in the second part, which instructs the student on the U.S. response to the 9/11 attack, i.e. counter-terrorism legislation and programs.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 439 - Criminalistics II**

# CJUS 439 - Criminalistics II

## **3 Credit Hours**

Reviews the more intricate areas of anthropology, questioned documents, DNA processes, legalities of homicide scenes, and scientific applications of homicide.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 441 - Rational-Emotive Behav Therp I**

# CJUS 441 - Rational-Emotive Behav Therp I

## **1 Credit Hours**

The course is designed to assist the graduate and undergraduate student in the intricacies of REBT theory, concepts, comprehension, and application.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 444 - Addictive Behaviors**

# CJUS 444 - Addictive Behaviors

## **3 Credit Hours**

Examination of addiction theory and process through comparison of variety of substance and process addictions.

**Prerequisites:** Undergraduate level PSYC101 Minimum grade of D and Undergraduate level SOCI101 Minimum grade of D and Undergraduate level SOCW167 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

## **CJUS 449 - Criminalistics III**

# CJUS 449 - Criminalistics III

## **3 Credit Hours**

This course is designed to familiarize the undergraduate and graduate student in specific areas of forensic science. The areas included in this course are forensic psychology, drug analysis, hostage negotiation techniques, legal considerations in crime scene investigations, and reconstruction of accident/crash scenes.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 463 - Counseling Challenging Youth**

## **CJUS 463 - Counseling Challenging Youth**

#### **3 Credit Hours**

Workshop participants will learn a number of practical strategies for building and maintaining therapeutic relationships with challenging youth and families. The strategies will be formatted around six guiding principles common to most human services professionals who successfully engage this population. Participants will be challenged to assess their own attitudes, beliefs, and behaviors related to challenging youth via lecture, demonstrations, small group activities, and role plays.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 482 - Planned Change in Crim Justice**

## **CJUS 482 - Planned Change in Crim Justice**

#### **3 Credit Hours**

The course is designed as a reading, thinking, and discussion course. The emphasis will be on how to participate in CJ issues debate, as analysts, practitioners, or advocates: identifying, framing, analyzing, critiquing, presenting, advocating issues, policies and programs.

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 489 - Senior Seminar**

## **CJUS 489 - Senior Seminar**

#### **3 Credit Hours**

0

**Prerequisites:** CJUS102 and CJUS103 and CJUS210 and CJUS240

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

### **CJUS 491 - Practicum/Ethics**

## **CJUS 491 - Practicum/Ethics**

#### **3 Credit Hours**

This course is designed to address the question "what comes after graduation?" It adds a multi-faceted career dimension for the criminal justice student, which includes expanded internship/co-op possibilities; with concentrations in applied fields of legal studies, law enforcement, corrections and management and administration; and weekly classroom instruction addressing criminal justice ethics and employment opportunities.

**Restrictions:** Must be enrolled in one of the following Majors: Criminal Justice Must be enrolled in one of the following Classifications: Senior

**Levels:** Undergraduate

## **CJUS 499 - Special Readings in CJUS**

# **CJUS 499 - Special Readings in CJUS**

### **1 - 3 Credit Hours**

A selective number of texts, periodicals, research papers, etc., related directly to areas of criminal justice are reviewed and student reports critiqued.

**Levels:** Graduate Undergraduate

## **CJUS 566 - Crime & Personality**

# **CJUS 566 - Crime & Personality**

### **3 Credit Hours**

Root causes of crime in the individual and in the culture. Consideration of personality dynamics and treatment approaches are major elements of this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **CJUS 599 - Special Readings**

# **CJUS 599 - Special Readings**

### **1 - 3 Credit Hours**

Reviews the current criminal justice literature in areas of research, treatment, management, law, and forensic science within the criminal justice arena.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **CJUS 601 - Seminar in Criminal Justice**

# **CJUS 601 - Seminar in Criminal Justice**

### **3 Credit Hours**

This graduate-level course is designed to introduce nursing students in the dual-degree program to the criminal justice system and its component parts. The structure of and issues pertaining to policing, courts, and corrections, respectively, will be critically explored. Beyond examining issues that cut across all facets of the criminal justice system (e.g., the measurement of crime, discretion, criminal justice policymaking), the class also will explore current issues in policing, courts, and corrections. Topics will include: types and styles of policing and recent police reforms, prosecutorial decision-making and the use of specialty courts, and the role of correctional officers in the rehabilitation of incarcerated people and the reentry and reintegration of individuals released from prison. By the end of the course, students should be familiar with and able to critically assess the role of the criminal justice system in responding to criminal behavior in the United States.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## CJUS 606 - Criminology

# CJUS 606 - Criminology

### 3 Credit Hours

Presents and analyzes multiple theories in the etiology of crime; both internal and external theories of causality are explored; presents and contrasts several societal reactions to crime; and critically evaluates numerous contemporary methodologies. Learning Theories, Subcultural Theories, Theories of Limited Opportunity Structure, etc., are examined to enhance students' understanding of typologies of offender behavior and offense types. Offenders with special needs, cultural diversity, women's issues and chemical dependency are all presented in relation to the crime complex in America today.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

## CJUS 608 - Community-Based Corrections

# CJUS 608 - Community-Based Corrections

### 3 Credit Hours

Theory and practice in non-institutional model.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

## CJUS 609 - Forensic Aspects Pop Health

# CJUS 609 - Forensic Aspects Pop Health

### 3 Credit Hours

The CJUS 609, Forensic Aspects in Population Health course provides a review of forensic nursing science, forensic science/criminalistics, forensic anthropology, and the criminal justice system through the lens of interprofessional collaboration, and population-health. Forensic nursing concepts addressed in the course will include a review of the expanded and collaborative roles in working with forensic scientists, criminalists, and the criminal justice system. The specific areas for this course related to forensic science/criminalistics include: the crime scene, death investigation, physical evidence, drugs, and DNA. The introduction of population-health concepts will allow graduate MSN/MSJ students to identify a population of interest (aggregate) related to forensic nursing, while using evidence-based practices to develop effective approaches to care for victims of trauma, violence and crime. This course is intended to prepare graduate MSN/MSJ dual degree nurses the opportunity to "apply the nursing process to public or legal proceedings, and apply forensic health care in the scientific investigation of trauma and/or death to abuse, violence, criminal activity, liability, and accidents" (Lynch, 2004 as cited in Hammer, Moynihan, & Pagliaro, 2013).

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

## CJUS 610 - Basic Const Law & Amer Justice

# CJUS 610 - Basic Const Law & Amer Justice

### 3 Credit Hours

Studies the ratification and incorporation of the Bill of Rights. Examines judicial review, the jurisdiction and organization of federal and state court systems and the Fourth, Fifth, Sixth and Fourteenth Amendment provisions relevant to law enforcement and judicial process.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate



**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 611 - Law & Justice in America**

# **CJUS 611 - Law & Justice in America**

#### **3 Credit Hours**

Presents legal issues in all three segments of the American criminal justice system. Constitutional and statutory rights and obligations are considered, along with policy considerations. Major emphasis in the course is placed on student initiative in learning. Therefore, it is strongly recommended that CJUS 610, Basic Constitutional Law & American Justice or its equivalent be completed before enrolling in this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 620 - Socio of Crime & Delinquency**

# **CJUS 620 - Socio of Crime & Delinquency**

#### **3 Credit Hours**

Social foundations of the criminal justice system are examined, along with the social causation of crime and societal response. The understanding of crime within the social context is presented along with in-depth exploration of cross-cultural, subcultural and other demographic expositions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 621 - Juvenile Justice**

# **CJUS 621 - Juvenile Justice**

#### **3 Credit Hours**

Critiques the development of social control of child behavior in the U.S. from its historical roots to contemporary times. Presents and analyzes legal trends in juvenile court and correctional operations and evaluates contemporary practice and methodology in the juvenile justice system and in the adult system. Landmark legal cases and their impact on current practice are discussed. Concepts such as waiver, status offenders, and violence in contemporary society are given special attention in relation to their ethical and legal dimensions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 623 - Persp in Law Enforcement Mgmt**

# **CJUS 623 - Persp in Law Enforcement Mgmt**

#### **3 Credit Hours**

This is a comprehensive course that focuses on management issues and problems specific to law enforcement. This course will introduce students to both theoretical and practical issues faced by law enforcement agencies from the view of an administrator. Attention will likewise be paid to understanding and resolving problems and issues.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 630 - Legal Aspects of Corrections**

## **CJUS 630 - Legal Aspects of Corrections**

#### **3 Credit Hours**

Explores the structure and function of the Federal and State criminal court systems from institutional and behavioral perspectives, First, Sixth, Eighth and Fourteenth Amendment provisions relevant to law enforcement, judicial process and corrections. Ethical aspects are considered, especially the rights and obligations of correctional staff.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 633 - Forensics & White Collar Crime**

## **CJUS 633 - Forensics & White Collar Crime**

#### **3 Credit Hours**

This course examines the methods of detection, investigative techniques, and social impact of white-collar crime. Emphasis will also be placed on exploring theories related to why this type of crime is committed, the various types of white-collar crime and difficulties in the criminal justice system response to white-collar crimes. Finally, this course will examine the socially injurious acts of corporations and formal organizations against their employees, consumers, the public, or the environment.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 635 - Terrorism & Homeland Security**

## **CJUS 635 - Terrorism & Homeland Security**

#### **3 Credit Hours**

This is a graduate level course providing an overview of terrorism, and counter-measures for the uninitiated, working professionals and college students alike. It variously touches upon subject matters of definition, theories, causation, impact of terrorism and counter-terrorism. The course ends with a discussion of the major issues confronting policy makers, from whether torture should be used to how to strike a balance between security vs. liberties in fighting terror.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 642 - Criminal Justice Administratio**

## **CJUS 642 - Criminal Justice Administratio**

#### **3 Credit Hours**

Presents organizational and management theories and practices within criminal justice settings. Management styles, management by objectives, total quality management etc., are

all related to issues of contemporary practice in prisons, probation, and parole and juvenile justice. Legal and ethical considerations are related to actual practice situations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 643 - Correctional Counseling**

## **CJUS 643 - Correctional Counseling**

#### **3 Credit Hours**

Deals directly with the necessary verbal, nonverbal, and writing skills. It also emphasizes cross-cultural communication and presents practical skill exercises relating to all of the above.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 644 - Gov and Non Profit Accounting**

## **CJUS 644 - Gov and Non Profit Accounting**

#### **3 Credit Hours**

The primary purpose of this course is to introduce the student to the basic concepts and techniques of fund accounting and the financial reporting for governmental and not-for-profit entities. Additional course coverage includes identifying and applying appropriate accounting and reporting standards for governments and private not-for-profit organizations, preparing fund basis and government-wide statements for state and local governments, preparing financial statements for private not-for-profit organizations, using nonfinancial performance measures to evaluate governmental and not-for-profit entities, and describing auditing requirements for these entities. Special attention will also be paid to forensic accounting and auditing, with emphasis on the audit of financial statements, and methods of examination relating to prevention and detection of fraud.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 645 - Private Security**

## **CJUS 645 - Private Security**

#### **3 Credit Hours**

This course provides a rigorous introductory foundation to the field of Private Security, including its development, philosophies, responsibilities and functions, plus its principles, legal authority, and effects on society to the present state.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

### **CJUS 646 - Risk Management**

## **CJUS 646 - Risk Management**

**3 Credit Hours**

This course presents a rigorous introduction to the theoretical concepts of Risk Management, through various analytical concepts, survey techniques, insurance requirements, program development and operational activities, from a security practitioner's standpoint.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

**CJUS 647 - Human Resources for CJ Admin**

## CJUS 647 - Human Resources for CJ Admin

**3 Credit Hours**

This course examines the role of Human Resource Managers in strategic planning and decision making within their organizations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

**CJUS 660 - Current Issues in Crim Justice**

## CJUS 660 - Current Issues in Crim Justice

**3 Credit Hours**

Relates numerous current political and social issues to adult and juvenile corrections.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

**CJUS 664 - Overview of Contemp Correction**

## CJUS 664 - Overview of Contemp Correction

**3 Credit Hours**

Compares historical and contemporary methodologies; presents and critiques jail and prison programs and practices including issues of security, classification, etc.; applies pertinent court decisions to current practices and generally analyzes institutional and non-institutional corrections in relation to today's social and political realities. Staff and inmate rights and responsibilities are presented with both their legal and ethical dimensions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

**CJUS 676 - Psychology of Delinquency**

## CJUS 676 - Psychology of Delinquency

**2 Credit Hours**

An elective course dealing with types and causes of juvenile delinquency together with brief case history analysis.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

## **CJUS 683 - Research & Planning in CJUS**

# **CJUS 683 - Research & Planning in CJUS**

### **3 Credit Hours**

This course provides students with the working knowledge of research methods necessary to complete their final Master's project. As such, topics related to the issue of causation, sampling, measurement, and data collection/analysis will be explored and practically applied. Comprehension of the material will enable students to evaluate research studies and policy with a more critical eye. Moreover, comprehension of course material will allow students to write quality research projects.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

## **CJUS 784 - Research Essay: Seminar**

# **CJUS 784 - Research Essay: Seminar**

### **3 Credit Hours**

CJUS 784 is an extension, by application, of Research and Planning in Criminal Justice. As such, the major objective for this course is to provide students with the individual guidance needed to perform basic research, and complete their graduate thesis.

**Prerequisites:** CJUS683

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

## **CJUS 792 - Internship**

# **CJUS 792 - Internship**

### **3 Credit Hours**

Non-classroom program of 150 clock hours placement in correctional, law enforcement, or court setting under academic supervision gives student opportunity to actually apply criminal justice theory, knowledge and intervention skills in the "real world" of law enforcement, court, or correctional practice. Opportunity is presented to acquire understanding of the criminal justice complex and the service delivery system in the community. This "hands-on" experience enables students to begin to appreciate the need for functional professional relationships, differing organizational needs within the institutional or non-institutional setting, and especially to evaluate their own response to the demands and challenges of actual work in a correctional setting. This is an essential part of the student's program and is absolutely required and can never be waived for graduation from the program.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Criminal Justice*

## **CLAS 101 - Ancient Mediterran Civ I: Gree**

# CLAS 101 - Ancient Mediterranean Civ I: Greece

## 3 Credit Hours

An introduction to the methodologies of ancient historical study and an account of the growth and development of ancient Greek civilization from the prehistoric to the Roman era.

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 102 - Ancient Mediterranean Civ II: Rome

# CLAS 102 - Ancient Mediterranean Civ II: Rome

## 3 Credit Hours

An introduction to the methodologies of ancient historical study and an account of the growth and development of ancient Roman civilization from its archeological and legendary beginnings through the Roman republic into the time of the emperors.

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 120 - From Homer to Plato

# CLAS 120 - From Homer to Plato

## 3 Credit Hours

This course provides an understanding of the development of ancient Greek culture and history by examining the values, customs, institutions, and major historical events that shaped the Greek world, in particular Athens and Sparta, through primary and secondary source readings. An important goal is to gain insight into the Greek origins of key social, political, and cultural ideas and concepts that have contributed to the formation of Western civilization.

**Course Attributes:** Historical Perspectives, Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 121 - From Alexander to Cleopatra

# CLAS 121 - From Alexander to Cleopatra

## 3 Credit Hours

This course is designed to continue the investigation of the ancient Greek world, as the Greeks begin to spread across the Levant into the Middle East (momentarily as far as India). Many of the social, political, and cultural ideas and concepts developed by the Greeks that were studied in CLAS120 will continue to be explored for their contribution to the formation of Western civilization.

**Course Attributes:** Historical Perspectives, Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 130 - Epic and Adventures of Heroes

# CLAS 130 - Epic and Adventures of Heroes

**3 Credit Hours**

An inquiry into the epic genre, the epic hero, and epic values through a careful reading of several ancient and medieval poems.

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 142 - Classical Tragedy**

# CLAS 142 - Classical Tragedy

**3 Credit Hours**

A study of the tragic form, its poetry, and its use of myth through a careful reading of several plays of Aeschylus, Sophocles, Euripides, and Seneca.

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 146 - Classical Comedy & Satire**

# CLAS 146 - Classical Comedy & Satire

**3 Credit Hours**

A study of ancient classical writings, comedies, which were presented on the stage, and satirical poems.

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 160 - From Romulus to Octavian**

# CLAS 160 - From Romulus to Octavian

**3 Credit Hours**

This course aims to provide students with an understanding and appreciation of the roots of Western civilization by exploring the culture of the ancient Romans. The purpose of this course is to build an appreciation of early Roman culture and life through a study of its history, government, social changes, and prominent personalities.

**Course Attributes:** Historical Perspectives, Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 161 - From Augustus to Attila**

# CLAS 161 - From Augustus to Attila

**3 Credit Hours**

This course aims to provide students with an understanding and appreciation of the roots of Western civilization by exploring the politics and culture of the Roman Empire. This complex period of history will be examined through a study of its history, government, social changes, and prominent personalities.

**Course Attributes:** Historical Perspectives

**Levels:** Undergraduate

**CLAS 170 - Ancient Egypt & Nubia**

# CLAS 170 - Ancient Egypt & Nubia

**3 Credit Hours**

The purpose of this course is to acquaint the students with the richness and complexity of the history of Egypt, particularly looking at how its relations with its neighbors changed over time as it looked first in one direction and then another for commercial and political links.

**Course Attributes:** Africana Studies Minor, Historical Perspectives

**Levels:** Undergraduate

**CLAS 171 - Ancient Iraq & Bible Lands**

# CLAS 171 - Ancient Iraq & Bible Lands

**3 Credit Hours**

The purpose of this course, one which should be key for an institution such as Xavier, is to explore the integrated histories of the lands of the Bible. Students will read, hear, speak, and write about the history of the early civilizations which jockeyed for power and control of the two great commercial-military prizes: ports on the Mediterranean and control of the Tigris-Euphrates catchments.

**Course Attributes:** Historical Perspectives, Humanities Elective, Jewish Studies Minor

**Levels:** Undergraduate

**CLAS 173 - Intro to Biblical Hebrew**

# CLAS 173 - Intro to Biblical Hebrew

**3 Credit Hours**

The purpose of this course is to provide basic instruction in the grammar, vocabulary, and syntax of Hebrew. This course is Classical Hebrew for students of the Old Testament who want to read and translate the Hebrew Bible, use a critical edition, and consult dictionaries, grammars, concordances, and commentaries.

**Course Attributes:** Humanities Elective, Jewish Studies Minor

**Levels:** Undergraduate

**CLAS 174 - Readings in Biblical Hebrew**

# CLAS 174 - Readings in Biblical Hebrew

**3 Credit Hours**

The purpose of this course is to provide basic instruction in the grammar, vocabulary, and syntax of Hebrew. This course is Classical Hebrew for students of the Old Testament who want to read and translate the Hebrew Bible, use a critical edition, and consult dictionaries, grammars, concordances, and commentaries.

**Course Attributes:** Humanities Elective, Jewish Studies Minor

**Levels:** Undergraduate



**CLAS 205 - Classical Lit & Moral Imagina**

## **CLAS 205 - Classical Lit & Moral Imagina**

**3 Credit Hours**

An examination of ethical and social issues drawn from the Greco-Roman past which illuminate contemporary society.

**Course Attributes:** Diversity Flag, Lit and Moral Imagination

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 210 - Word Origins & Vocabulary Dev**

## **CLAS 210 - Word Origins & Vocabulary Dev**

**3 Credit Hours**

This is a course on the etymology of English words, especially those of classical (Greek or Latin) origin. It introduces students to some basic principles of word formation, the history of the English language, and the influence of other cultures on their own. Emphasis is placed on medical, legal, and scientific terminology.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 211 - The Dead Sea Scrolls**

## **CLAS 211 - The Dead Sea Scrolls**

**3 Credit Hours**

This course introduces undergraduates to the Dead Sea Scrolls (DSS), their history, their (mis-?) representation in the popular media, the scandal surrounding them, what English translations of them are available, and what is currently being done with them.

**Course Attributes:** Humanities Elective, Jewish Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 217 - Intro to the Church Fathers**

## **CLAS 217 - Intro to the Church Fathers**

**3 Credit Hours**

This course examines the first centuries of Christianity as reflected in the patristic writers; the chief Fathers; the evolution of doctrine; the unfolding of revelation; the consciousness of the indwelling spirit.

**Course Attributes:** Catholicism & Culture Minor, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 236 - Gender & Sex/Ancient Gr & Rome**

## **CLAS 236 - Gender & Sex/Ancient Gr & Rome**

**3 Credit Hours**

What does it mean to be male, female, masculine, feminine, man, woman, boy, girl? What can be discovered about you from the way(s) you have sex and with whom? How are these things related to life, love, power? These are just some of the things that this course considers with reference to the peoples of ancient Greece and Rome and also (eventually) with reference to ourselves.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 239 - Ancient Lit, Magic & Occult**

# CLAS 239 - Ancient Lit, Magic & Occult

**3 Credit Hours**

This course focuses on the influence myth and magic had on the Greco-Roman cultures. The interrelation between ritual magic, derivative superstition, and women is a major component of this course. Emphasis will be placed on the study of witchcraft, the correlation between magic and religion, the influence of the occult on ritual, and the psychology of magic.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 240 - World Mythology**

# CLAS 240 - World Mythology

**3 Credit Hours**

The western tradition will be examined through in-depth comparative studies of classical mythology with the mythologies of the world (myths from but not limited to Asia, Central, South, and North America, Africa, the Near East, and Polynesia). This course emphasizes understanding mythologies as symbolic cultural systems expressing societal values.

**Course Attributes:** Creative Perspectives, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 241 - Classical Mythology: Art**

# CLAS 241 - Classical Mythology: Art

**3 Credit Hours**

A study of ancient classical myths, primarily through artifacts and works of art, highlighting the meaning and influence of its myths.

**Course Attributes:** Creative Perspectives, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 242 - Classical Mythology: Literatur**

# CLAS 242 - Classical Mythology: Literatur

**3 Credit Hours**

A study of the ancient classical myths, primarily through its surviving literature, highlighting the meaning and influence of its myths.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 245 - Myth and Film**

## **CLAS 245 - Myth and Film**

**3 Credit Hours**

An examination of the great influence of Greco-Roman mythology on the modern cinema. The course focuses on how the films we view enhance the mythic stories being presented through artistic manipulation of visual images and sound.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 251 - Near Eastern Mythology: Art**

## **CLAS 251 - Near Eastern Mythology: Art**

**3 Credit Hours**

The major monuments of the ancient Near East are explored as a backdrop to the art, history, and literature of Near Eastern cultures.

**Course Attributes:** Humanities Elective, Jewish Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 252 - Near Eastern Mythology: Lit**

## **CLAS 252 - Near Eastern Mythology: Lit**

**3 Credit Hours**

The major literary works of the ancient Near East are explored as a backdrop to the art, history, and literature of Near Eastern cultures.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**CLAS 261 - Greek Archaeology**

## **CLAS 261 - Greek Archaeology**

**3 Credit Hours**

The major monuments of Greek antiquity explored as a backdrop to the art, history, and literature of ancient Greece.

**Course Attributes:** Humanities Elective, Quantitative Reason Flag Full, Social Science Elective Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 262 - Roman Archaeology

# CLAS 262 - Roman Archaeology

### 3 Credit Hours

The major monuments of Roman antiquity explored as a backdrop to the art, history, and literature of ancient Rome.

**Course Attributes:** Humanities Elective, Quantitative Reason Flag Full, Social Science Elective Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 265 - The Glory That Was & Is Greece

# CLAS 265 - The Glory That Was & Is Greece

### 3 Credit Hours

The purpose of this class is to introduce students to a range of Greek contributions to modern thought, art and architecture, and literature. We will visit the major sites from Greek antiquity to get an idea of what Greek cities were like in different periods of history and how they were situated from the Minoan and Mycenaean times to the present. Classical sites of interest will include Athens (where we will spend roughly half of our time), Sparta, Mycenae, Epidauros, Corinth, Pella, Knossos, and Thera. At the same time we will visit sites from Roman, late antiquity, Byzantine, and modern Islam influenced change. In this way students will truly come to appreciate the glory that was and is Greece.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 310 - History of Rome

# CLAS 310 - History of Rome

### 3 Credit Hours

This course explores the history of ancient Rome to gain an understanding and critical appreciation of Roman civilization and the historiography of ancient Rome through a study of its history, government, art, literature, social development, and prominent personalities. Primary source readings will reveal Roman views on politics, warfare, slavery, women, sexuality, and religion among other aspects of Roman life. The course will also focus on historiography, that is, how historians have interpreted the past. Through such means, students will increase their understanding of another society and their ability to reflect and think critically about change in a political system over time. This course may have as its focus different topics from different periods of Roman history.

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences History*

## CLAS 371 - Art/Arch/Econ/Soc-Late Antiqui

# CLAS 371 - Art/Arch/Econ/Soc-Late Antiqui

### 3 Credit Hours

A study of the coexistence of several religious and ethical systems, highlighting symbiosis and cross-fertilization.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 372 - Women in Antiquity

# CLAS 372 - Women in Antiquity

### 3 Credit Hours

A multi-media study of the lives of Greek and Roman women and minorities organized around topics and issues of contemporary interest.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 380 - Classics and the Modern World

# CLAS 380 - Classics and the Modern World

### 3 Credit Hours

The goal of this course is to create dialogues between the past and present in order to explore how the study of the past can enrich and inform our understanding of the present and vice versa. CLAS 380 will bring classical antiquity into dialogue with the present for students who will engage with primary ancient texts in English translation. Students will explore the congruencies and contradictions in ancient and modern practices and thought. This course invites students to engage in critical reflection on questions of deep ethical significance regarding both our own society and an ancient culture that has had a major impact on the modern world. This course may have as its focus different topics from different periods of classical antiquity and the modern world depending on the instructor. CLAS 380 is designed to facilitate community engaged learning, and the syllabus we have submitted includes that component, but this is not a requirement of the course every time it is taught. Whether or not the course incorporates community engaged learning will be at the discretion of the faculty member teaching it.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 397 - Directed Study

# CLAS 397 - Directed Study

### 1 - 3 Credit Hours

Credit and content of course by advance agreement between the professor and student.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## CLAS 398 - Capstone Preparation

# CLAS 398 - Capstone Preparation

### 3 Credit Hours

This is the first part of the senior thesis/pre-seminar course that fulfills the Capstone Course requirement necessary for the completion of the Honors Bachelor of Arts curriculum. This course has as its goal the preparation of the thesis mandated for the completion of the HAB curriculum. This course will serve two purposes: (1) to prepare the student practically for the thesis in such areas as format, deadlines, selection of director and committee, presentation, organizing content, style, expectation, etc.; and (2) to help the student research and reflect on/discuss areas related to ideas and subject matter previously studied throughout the HAB program.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **CLAS 399 - HAB Capstone Thesis**

# **CLAS 399 - HAB Capstone Thesis**

### **1 - 3 Credit Hours**

Senior thesis/pre-seminar course.

**Prerequisites:** CLAS398

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **COMM 101 - Oral Communication**

# **COMM 101 - Oral Communication**

### **3 Credit Hours**

Speech fundamentals as applied to public speaking and listening skills. Develops conceptual understanding of basic communication principles and the ability to think theoretically and understand the process of developing theory. Encompasses communication in the context of related areas.

**Course Attributes:** Oral Communication Flag

**Levels:** Undergraduate

*College of Arts & Sciences Communication*

## **COMM 123 - Intro To Comm and Media**

# **COMM 123 - Intro To Comm and Media**

### **3 Credit Hours**

Examines the history, structure, and organization of media industries, including print, electronic media, and the World Wide Web. Includes discussion of law and policy, effects, and the media's role in a democratic society.

**Levels:** Undergraduate

*College of Arts & Sciences Communication*

## **COMM 197 - A Soc & Cult Hist of Amer Movi**

# **COMM 197 - A Soc & Cult Hist of Amer Movi**

### **2 Credit Hours**

Hollywood has always taken historical themes for some of its most ambitious projects, a trend that has become even more pronounced in the past decade. What has not always been understood is that Hollywood and the development of the American movie industry has been a central element in the social and cultural history of 20th century America. Thus, this workshop has two purposes: to critically examine various film images of American history and equally important, to place Hollywood and its products in the larger context of 20th century American history.

**Levels:** Undergraduate

*College of Arts & Sciences Communication*

## COMM 199 - Special Study

# COMM 199 - Special Study

### 1 - 3 Credit Hours

An in-depth study of a specific topic or area in communication. Requires permission of advisor/Chair

**Levels:** Undergraduate

*College of Arts & Sciences Communication*

## COMM 200 - PR Agency Practicum

# COMM 200 - PR Agency Practicum

### 1 Credit Hours

The invitation-based practicum course provides students with an active learning experience that is process-oriented. Students develop skills in leadership, teamwork, time and project management, organization, prioritization, and take charge of a campus club and other community partners in an agency-like atmosphere. The practicum is largely rooted in management.

**Prerequisites:** COMM270

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 206 - Writing for the Media

# COMM 206 - Writing for the Media

### 3 Credit Hours

Introductory level course on writing for the media, including public media and controlled media, in print, broadcast or online form. Develops skills in journalistic, news-style writing and feature writing, as well as other styles used in advertising, news and public relations. Workshop/laboratory setting with deadline writing experience.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Advertising Communication Arts Communication Studies Digital Innovation, Film & TV Digital Media Political Communication Public Relations Sport Management Sport Marketing Writing

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 207 - Interpersonal Communication

# COMM 207 - Interpersonal Communication

### 3 Credit Hours

Understanding of and classroom practice in effective communication between persons.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 209 - Group Dynamics

# COMM 209 - Group Dynamics

## 3 Credit Hours

Dynamic and participative strategies in group process skills. Learn by participating and doing.

Levels: Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 211 - Media Literacy

# COMM 211 - Media Literacy

## 3 Credit Hours

Designed to help students become more intelligent and discriminating consumers of media. Develops the ability to analyze, assess, and critically evaluate media texts, images, sounds and representations. Develops awareness and understanding the media's role in news, entertainment, ideology, and power.

Levels: Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 221 - Introduction to Digital Media

# COMM 221 - Introduction to Digital Media

## 3 Credit Hours

In this course, students will develop the skills of communication in digital media by exploring theories of digital media, locating and assessing arguments in and about digital media, making arguments in digital media, and interrogating the implications of digital media on communication. In this course, students will address several key questions, including: what is digital media? How does digital media affect communication? How do text, speech, and visual and auditory modes of communication work in relationship to each other in digital media?

Levels: Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 230 - Principles of Advertising

# COMM 230 - Principles of Advertising

## 3 Credit Hours

A comprehensive examination of the advertising process and the principles involved in its preparation and production. Focus is on the three major components of advertising: the audience, the message, and the channels.

Levels: Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 235 - Digital Design

# COMM 235 - Digital Design

## 3 Credit Hours

Students will be given a basic knowledge of and hands-on training in the use of Adobe Photoshop software.



**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **COMM 237 - Elements of Copy & Design**

## **COMM 237 - Elements of Copy & Design**

#### **3 Credit Hours**

Provides fundamental knowledge and skill in advertising copywriting, layout and design. Course topics will include interpreting target audiences, creative concept formulation, advertising copywriting, design and layout. The vocabulary and language associated with graphic design/advertising and production processes will be covered. Students will develop a variety of sample advertisements during the course.

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Advertising Communication Arts Communication Studies Digital Media Public Relations Sport Management Sport Marketing Writing

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **COMM 247 - Understanding New Media**

## **COMM 247 - Understanding New Media**

#### **3 Credit Hours**

Explores the concepts and theories pertaining to the Internet and other new media technologies, their role in the communication process, and their consequences for society and culture. Issues addressed: content (news to hate speech to pornography), effects (i.e., Internet addiction), commerce (i.e., online shopping and advertising), and democracy (i.e., the digital divide). This course is intended for anyone interested in making sense of new media. Although the ability to use the Internet is expected, this is not a course on how to design web pages or how to improve your surfing skills.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **COMM 260 - Organizational Communication**

## **COMM 260 - Organizational Communication**

#### **3 Credit Hours**

Organization theories and key concepts provide the framework for addressing contemporary communication issues and how these issues affect individual, group, and organization performance and effectiveness.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **COMM 264 - Persuasion**

## **COMM 264 - Persuasion**

#### **3 Credit Hours**

Teaches consumers of information how to analyze, respond to, and generate persuasive messages. A variety of organizational contexts are examined, including politics, business, religion, and advertising.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **COMM 270 - Principles of Strategic Comm**

# **COMM 270 - Principles of Strategic Comm**

#### **3 Credit Hours**

An overview of the theories and practices of strategic communications, its function in organizations, its history and development, and its role in society.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **COMM 299 - Special Study**

# **COMM 299 - Special Study**

#### **1 - 3 Credit Hours**

An in-depth study of a specific topic or area in communication. Requires permission of advisor/Chair

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **COMM 301 - Presentational Speaking**

# **COMM 301 - Presentational Speaking**

#### **3 Credit Hours**

Preparation and delivery of oral presentations for business and professions. Emphasizes persuasion, evidence, organized sequences, and uses of multimedia aids.

**Prerequisites:** Undergraduate level COMM101 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **COMM 321 - Advanced Digital Media**

# **COMM 321 - Advanced Digital Media**

#### **3 Credit Hours**

0

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **COMM 323 - Race, Class, Gender & Media**

# COMM 323 - Race, Class, Gender & Media

## 3 Credit Hours

Critically examines the role of the media in enabling, facilitating, or challenging the social constructions of race, class, and gender in our society. Students will acquire analytical skills to explore race, class, and gender issues in media organizations and understand diverse audiences' responses to media representations. They will also learn about some different theories and approaches to doing research on race, class, and gender, and the mass media and develop the ability to speak and write honestly and sensitively about race and gender.

**Course Attributes:** Africana Studies Minor, Diversity Flag, Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 324 - Sex and Violence In Media

# COMM 324 - Sex and Violence In Media

## 3 Credit Hours

Explores reasons behind the prevalence of sexual and violent media content and with the impact of this content. Course topics will include psychological reasons why people consume such content, legal and market forces that encourage the creation of sexual and violent content, and the theoretical individual and social effects of consuming this type of content.

**Course Attributes:** Diversity Flag, ERS Focus Elective, Gender & Diversity Studies, GDST Women and Gender Conc, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 327 - Interpersonal Conflict Mgmt

# COMM 327 - Interpersonal Conflict Mgmt

## 3 Credit Hours

An examination of the process and nature of conflict, and an evaluation of various conflict styles. Explores ways of examining and applying conflict management styles in organizational contexts, the principles of negotiation and mediation, and how to apply and evaluate techniques of negotiation and mediation.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## COMM 329 - Audience Survey & Research

# COMM 329 - Audience Survey & Research

## 3 Credit Hours

Examination and survey of gathering, analysis and the uses of audience-related information to create effective messages and campaigns. Review of design, sampling, data collection and statistical analysis. This course reviews quantitative and qualitative research methods most commonly used in the field of communication including broadcast ratings and other syndicated research.

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Advertising Communication Studies Digital Media Public Relations Sport Management Sport Marketing

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Graduate Undergraduate

## **COMM 332 - Media Strategies in Advtising**

# **COMM 332 - Media Strategies in Advtising**

### **3 Credit Hours**

A study of the characteristics of the various communication media and the methods employed in measuring their relative efficiencies in delivering the advertising message to the target audiences.

**Prerequisites:** Undergraduate level COMM329 Minimum grade of D

**Levels:** Graduate Undergraduate

## **COMM 334 - Issues in Advertising**

# **COMM 334 - Issues in Advertising**

### **3 Credit Hours**

Designed to foster a critical understanding of advertising and promotion as an institution, and its role in communication, society, culture, and our economy. Topics include the continuing dialogue between supporters and critics, confronting issues related to the institution's ethical conduct, regulatory issues, and social responsibility.

**Restrictions:** Must be enrolled in one of the following Majors: Advertising Communication Studies Electronic Media Organizational Communication Public Relations Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Graduate Undergraduate

## **COMM 360 - Adv Organizational Comm**

# **COMM 360 - Adv Organizational Comm**

### **3 Credit Hours**

Critical case study analysis of communication processes and practices. Along with the analysis, students will be expected to construct proposals for interventions. Explores contemporary organizational communication theories. Students will learn the Case Analysis Method and how to apply behavioral interviewing methods for employment and performance appraisals.

**Prerequisites:** COMM221 or COMM260 or COMM270

**Levels:** Graduate Undergraduate

## **COMM 362 - Org Communication Research**

# **COMM 362 - Org Communication Research**

### **3 Credit Hours**

Offers a basic understanding of the methods used to test hypotheses and answer research questions in organizational communication research. Study of how to use focus groups, surveys, and communication audits, how to construct a basic research study, how to critically evaluate industry and academic research, and how to select and evaluate appropriate methodology for a variety of research questions.

**Levels:** Graduate Undergraduate

## **COMM 366 - Marketing Comm Practicum**

# **COMM 366 - Marketing Comm Practicum**

### **3 Credit Hours**

This is an interdisciplinary course for communication, marketing, sport management and sport marketing majors. Students apply knowledge and skills to create real marketing and communication campaigns for sport organizations. The course examines the strategic and tactical use of brand engagement programs in integrated marketing communications. Students are divided into teams and work with real-world clients to develop marketing and communication campaigns for existing sport brands. The class requires teamwork, creativity and problem-solving abilities. In addition to the course prerequisites, students must also have one upper-level COMM, MKTG, or SPMG course; a 3.0 GPA; and the approval of instructor.

**Prerequisites:** COMM270 or MKTG300 or SPMG310

**Levels:** Graduate Undergraduate

## **COMM 371 - Public Relations Writing**

# **COMM 371 - Public Relations Writing**

### **3 Credit Hours**

Develops advanced writing skills for public relations programs; gives particular attention to backgrounds, brochures, handbooks, annual and quarterly reports, and scripts for broadcast, AV and film.

**Prerequisites:** COMM206

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Advertising Communication Studies Digital Media Public Relations Sport Management Sport Marketing Writing

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

## **COMM 372 - PR Cases and Planning**

# **COMM 372 - PR Cases and Planning**

### **3 Credit Hours**

A comprehensive seminar course about public relations case studies and planning.

**Prerequisites:** Undergraduate level COMM270 Minimum grade of D

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Graduate Undergraduate

## **COMM 385 - Media, Democracy & the Public**

# **COMM 385 - Media, Democracy & the Public**

**3 Credit Hours**

This course examines the role mass media play in creating and sustaining a democratic and civil society. The major emphasis of the course is to understand the current state of the media and their impact on the citizenry and democratic institutions. The course also reviews the historical turning points that gave birth to major media institutions and scrutinizes the role media played to convert the "public" into "masses."

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**COMM 398 - Communication Internship I**

# COMM 398 - Communication Internship I

**1 - 3 Credit Hours**

Internship I provides Communication Arts students in any of the department's majors with hands-on experience in a professional setting related to the major. Students must secure approval for the internship from the department chair prior to beginning the internship. Pre-requisites: Communication Arts major, junior or senior status, and 15 hours of applicable COMM courses completed before the semester in which the student registers for the internship.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**COMM 399 - Special Study**

# COMM 399 - Special Study

**1 - 3 Credit Hours**

An in-depth study of a specific topic or idea in communication. Requires permission of advisor/Chair

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**COMM 426 - Media Law & Policy**

# COMM 426 - Media Law & Policy

**3 Credit Hours**

Examines laws, statutes and policies as they apply to mass media. This course is designed to provide the student with an understanding of rationale and origins of laws and the policy making process, the challenges policy makers and court systems face forming, implementing and interpreting laws and statutes. Special emphasis will be paid to First Amendment, copyright, trademark and patent issues as they apply to the media and the workings of FCC and FTC.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**COMM 430 - Creative Strategies Advrtsing**

# COMM 430 - Creative Strategies Advrtsing

**3 Credit Hours**

A study of the theoretical foundations and the process of developing advertising and promotional strategy; methods of utilizing research data for developing and evaluating

advertising strategy.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**COMM 433 - Social Media Strategies**

## COMM 433 - Social Media Strategies

**3 Credit Hours**

This course addresses social media strategy development and execution with a vast experiential learning component.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**COMM 439 - Senior Sem-Adv: Campaigns**

## COMM 439 - Senior Sem-Adv: Campaigns

**3 Credit Hours**

The capstone advertising course requiring the student to prepare and produce a complete general advertising campaign utilizing concepts learned in previous advertising courses.

**Prerequisites:** Undergraduate level COMM332 Minimum grade of D

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**COMM 469 - Sr Sem: Comm Studies**

## COMM 469 - Sr Sem: Comm Studies

**3 Credit Hours**

The capstone course of the organizational communication major, this course asks students to use and reflect on the theories and skills they have learned throughout the major to complete a senior project.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Course Attributes:** Service Learning

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**COMM 477 - Strat Comm Ethics Society**

## COMM 477 - Strat Comm Ethics Society

**3 Credit Hours**

A comprehensive course that examines the major ethical and legal principles that guide the responsible practice of strategic communications in American society.

**Prerequisites:** COMM270

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Advertising Communication Studies Digital Media Public Relations Sport Management Sport Marketing Must be enrolled in one of the following Classifications: Senior Junior

**Course Attributes:** ERS Focus Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## **COMM 479 - SR Sem: PR Management**

# **COMM 479 - SR Sem: PR Management**

### **3 Credit Hours**

Presents management theories and techniques as applied to public relations activities and functions; workshop approach provides students skills for developing public relations campaigns. Requires 18 hours of previous work in public relations major, including COMM 270 and Senior status

**Prerequisites:** COMM270

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## **COMM 489 - Senior Seminar: Digital Media**

# **COMM 489 - Senior Seminar: Digital Media**

### **3 Credit Hours**

Capstone course for the Digital Media Major. In the course, students complete a senior project that uses the theories, research, and technical skills they have learned throughout the Digital Media Major.

**Prerequisites:** COMM221 and COMM321

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## **COMM 498 - Communication Internship II**

# **COMM 498 - Communication Internship II**

### **1 - 3 Credit Hours**

Internship II provides Communication Arts students in any of the department's majors with advanced hands-on experience in a professional setting related to the major. Students must secure approval for the internship from the department chair prior to beginning the internship.

**Prerequisites:** COMM398

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## **COMM 499 - Special Study**

# **COMM 499 - Special Study**



**1 - 3 Credit Hours**

An in-depth study of a specific topic or area in communication. Requires permission of advisor/Chair

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**COMM 560 - Strategic Organizational Comm**

# COMM 560 - Strategic Organizational Comm

**3 Credit Hours**

Organizational communication is strategic in two ways. Organizations emerge from strategic choices made that determine how they will function, govern, and carry out their business on a day to day basis. This in turn leads employees to make strategic choices on how they will manage daily life as an employee and more importantly how they will assist the organization in accomplishing its goals. This course is designed to assist students in understanding how organizations make strategic decisions and develop communication skills to respond effectively to organizational needs. Urban sustainability efforts will require considerable public education and persuasion and will also have to be engaged, embraced, and implemented by a wide variety of citizens and organizations. Practitioners of urban sustainability will need to be able to design and communicate organizational strategies which include communicating complex ideas, integrating various perspectives, building coalitions among groups, and keeping the public informed. In this course students can expect to study a wide array of topics such as persuasion, public relations/crisis management, strategic alignment, group communication, and communication in organizational systems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Communication*

**CORE 100 - First Year Seminar**

# CORE 100 - First Year Seminar

**3 Credit Hours**

This course is required for all undergraduate students as part of the Core Curriculum. Students must take this course once during their first two semesters of enrollment at Xavier. All seminars will have a specific title designed by faculty. Course descriptions for specific seminars may be found at <https://www.xavier.edu/core/first-year-seminar/first-year-seminar-courses/index>

**Course Attributes:** First Year Seminar

**Levels:** Undergraduate

*No College Applicable Department Not Declared*

**CORE 101 - Goa I: Transition to Xavier**

# CORE 101 - Goa I: Transition to Xavier

**0 Credit Hours**

Goa, Xavier's First-Year Journey Program, gets its name from the city in India where St. Francis Xavier traveled to experience new opportunities, cultures and customs, and to interact with and inspire the people he encountered. The first semester of our course will consist of modules that relate to being successful at Xavier, both inside and outside the classroom. This course is part of the larger First Year Experience at Xavier, which includes Manresa, the First Year Seminar (CORE 100), First Year Co-Curricular Program II (CORE 102) and Theology 111. CORE 101 is a graduation requirement.

**Course Attributes:** First Year Co-Curricular, Undergraduate Half Term Course

**Levels:** Undergraduate

*College of Arts & Sciences Department Not Declared*

**CORE 102 - Goa II: Beyond Your First Year**

# CORE 102 - Goa II: Beyond Your First Year

## 0 Credit Hours

Goa, Xavier's First-Year Journey Program, gets its name from the city in India where St. Francis Xavier traveled to experience new opportunities, cultures and customs, and to interact with and inspire the people he encountered. The second semester of our course will consist of additional modules that build on the first semester content. This course is part of the larger First Year Experience at Xavier, which includes Manresa, the First Year Seminar (CORE 100), First Year Co-Curricular Program I (CORE 101) and Theology 111. CORE 102 is a graduation requirement

**Course Attributes:** First Year Co-Curricular, Undergraduate Half Term Course

**Levels:** Undergraduate

*College of Arts & Sciences Department Not Declared*

## CORE 103 - Goa: Transition for Adult/Tran

# CORE 103 - Goa: Transition for Adult/Tran

## 0 Credit Hours

Goa, Xavier's First-Year Journey Program, gets its name from the city in India where St. Francis Xavier traveled to experience new opportunities, cultures and customs, and to interact with and inspire the people he encountered. The course will consist of modules that relate to being successful at Xavier, both inside and outside the classroom. CORE 103 is a graduation requirement for adult students over the age of 20 or transfer students with sophomore status or higher.

**Levels:** Undergraduate

*College of Arts & Sciences Department Not Declared*

## CORE 105 - Intro to XU for Transfer Stud

# CORE 105 - Intro to XU for Transfer Stud

## 3 Credit Hours

0

**Levels:** Undergraduate

*No College Applicable Department Not Declared*

## CORE 499 - Core Capstone

# CORE 499 - Core Capstone

## 0 Credit Hours

This satisfactory/unsatisfactory requirement is for undergraduate graduating seniors only. It requires an on-line response to a question related to one of the 12 core curriculum goals, requiring approximately 45 minutes. These data are designed to assess what our students are learning through the core. In this assessment, only group data/analysis are reported, not individual responses. Committing to quality education means setting clear goals for student achievement, regularly assessing performance against those goals, reporting evidence of success, and continuously working to improve the educational experience. These assessment results are integrated into the work of the faculty and staff to improve student learning.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Course Attributes:** 100 Percent Online No Set Meet

**Levels:** Undergraduate

*No College Applicable Department Not Declared*

## COUN 434 - Intro to Rational Behav Ther

# COUN 434 - Intro to Rational Behav Ther

## **0 - 2 Credit Hours**

Rational emotive behavioral therapy is a self-help form of counseling to increase skills in reasoning to deal with problems and stresses of daily living and to regain emotional and mental health.

**Levels:** Graduate Undergraduate

*College of Professional Sci Counseling*

## **COUN 501 - Lifespan Development**

# COUN 501 - Lifespan Development

## **3 Credit Hours**

Understanding of the nature and needs of individuals at all developmental levels, learning theory and personality development, normal and abnormal behavior, lifespan transitions. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 502 - Introduction to College Coun**

# COUN 502 - Introduction to College Coun

## **2 Credit Hours**

An examination of college admissions processes, financial aid options, and admissions testing issues. Restricted to Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 503 - Crisis Intervention In Schools**

# COUN 503 - Crisis Intervention In Schools

## **2 Credit Hours**

This course will explore the issues and skills involved with the four interrelated phases of crisis prevention and intervention in schools: mitigation/prevention, preparedness, response and recovery. Participants will learn a 6-step model for individual crisis intervention and collaborative strategies for responding to school wide crisis situations. Strategies for understanding and addressing the following issues/populations will be emphasized: self-injury, suicide, bullying, school violence, explosive/aggressive children, traumatic grief, and burnout.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 504 - Intro to Play Therapy**

# COUN 504 - Intro to Play Therapy

**1 Credit Hours**  
0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

**COUN 507 - Presence Practice: Deeper Ther**

## **COUN 507 - Presence Practice: Deeper Ther**

**0 - 2 Credit Hours**

This course will deeply examine styles of presence, styles of therapeutic relationship, especially the classic and demanding notions of empathy and congruence as ways of attaining more powerful connection with oneself and clients or students. The work of Martha Stark that examines three therapeutic models: offering insight, providing corrective experience, being an authentic subject will also be explored.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

**COUN 508 - Supporting Recov From Trauma**

## **COUN 508 - Supporting Recov From Trauma**

**0 - 2 Credit Hours**

This course will provide information and experience to help counselors and educators further their understanding of trauma and their ability to recognize hidden signs of trauma. Dialogue with professionals working in the field of trauma will provide different ways of supporting the healing of trauma and its aftermath, and caring for one's self in the process. Specific emphasis is given to the body because of the nervous system damage which occurs in trauma and which needs to be attended to if a thorough treatment is to be designed. These will include Sensorimotor Psychotherapy, EDMR, Movement Therapy, and Presence Practice. Presentations, readings, video, art, movement, and reflective writing will support the learning process.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

**COUN 509 - Counseling Research Methods**

## **COUN 509 - Counseling Research Methods**

**2 Credit Hours**

Investigation into counseling research. Review of literature, planning research, and methods of conducting research. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

**COUN 512 - Spirituality & Counseling**

# COUN 512 - Spirituality & Counseling

## 1 Credit Hours

Effective counseling addresses the body, mind, and spirit. This course is designed to provide the student with the basic understanding of how to explore a client's spirituality and include the role of spirituality in both the assessment and treatment plans. Topics covered in this workshop will include: why address spiritual concerns, benefits of addressing spirituality for clients, and pitfalls related to spirituality. This course will also present a basic exploration of different spiritual perspectives, and how they related to the mental health of the client. Each participant will be introduced to different assessment tools of spirituality and therapeutic interventions.

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 515 - School Coun License Prep Works

# COUN 515 - School Coun License Prep Works

## 1 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 519 - Coping With Death and Dying

# COUN 519 - Coping With Death and Dying

## 2 Credit Hours

Awareness of the grief process. Counseling techniques to assist those experiencing loss.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 520 - Treating Anxiety Disorders

# COUN 520 - Treating Anxiety Disorders

## 0 Credit Hours

According to 2005 data from the National Institute of Mental, 40 million American adults ages 18 and older, or about 18.1% of people, meet the criteria for an anxiety disorder. It is also a common disorder in school-age children. Clinicians will be faced with diagnosing and treating these common disorders. In the course, an overview of anxiety disorders and treatment modalities will be obtained. Panic disorder, Obsessive-Compulsive Disorder, Post Traumatic Stress Disorder, Generalized Anxiety Disorder, Phobias and Agoraphobia will be explored through DSM-IV TR criteria, case examples and treatment strategies. Cognitive Behavioral Therapy, Relaxation and Stress Reduction Techniques, EDMR and Dialectical Behavioral Therapy modalities will be discussed as successful treatment techniques. Use of these techniques in a clinical vs. school setting will be considered.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 526 - WDEP System of Reality Therapy

# COUN 526 - WDEP System of Reality Therapy

## **0 - 1 Credit Hours**

This interactive workshop focuses on practical skills immediately useful on the job; skills hand can be integrated into other theories. It includes discussion, role-play demonstrations of cases presented by participants, small group practice, and viewing/critiquing video recordings. Participants will gain a working knowledge of choice theory, the basis of reality therapy, followed by an explanation and demonstration of the WDEP system (wants, doing, evaluation, planning). Integrated into the session will be a review of the research on reality therapy and a discussion about the misconceptions about the practice and implementation of the principles of reality therapy. The connections between choice theory and neuroscience will be discussed as well as the relationship between choice theory and mindfulness and Ericksonian principles.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 533 - Counseling Theories & Tech**

# COUN 533 - Counseling Theories & Tech

## **3 Credit Hours**

Theory of counseling, case method, ethics, relationships to testing and to other sources of data, interviewing, place and value of records, clinical procedures. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 534 - Elementary School Counseling**

# COUN 534 - Elementary School Counseling

## **2 Credit Hours**

Principles, philosophy, administration, and organization of guidance services in the elementary school setting. Role and function of the counselor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 535 - Trauma and Dissociation**

# COUN 535 - Trauma and Dissociation

## **0 - 1 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 536 - Group Process**

# COUN 536 - Group Process

## **3 Credit Hours**

Laboratory course with required participation in a growth group. Individual relations. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 537 - Intro To School Counseling**

# COUN 537 - Intro To School Counseling

## **3 Credit Hours**

Administrative operations related to school counseling services, personnel and staffing, budget, and public relations. Restricted to Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 538 - Adv School Counseling Practice**

# COUN 538 - Adv School Counseling Practice

## **3 Credit Hours**

This course is designed to provide students with further understanding of the role and identity of professional school counselors. Students will explore content and process for the implementation of 21st century school counseling programs. The course will assist students in obtaining and developing skills necessary for development of a comprehensive developmental school counseling program based on national standards for school counseling programs, including those skills utilized in collaboration, consultation, and team building.

**Prerequisites:** COUN537 or EDCO537

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 539 - Childhood Psychopathology**

# COUN 539 - Childhood Psychopathology

## **3 Credit Hours**

This course will provide a conceptual overview of the foundations of psychodiagnostics. School counseling students will learn to identify signs and symptoms of various childhood psychological disorders including: neurodevelopment disorders; disruptive, impulse-control, and conduct disorders; schizophrenia spectrum and other psychotic disorders; bipolar and related disorders, depressive disorders, anxiety disorders, obsessive-compulsive and related disorders; trauma- and stressor- related disorders; dissociative disorders; eating disorders; substance-related disorders; and nonsuicidal self-injury.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 540 - School Culture and Climate

# COUN 540 - School Culture and Climate

### 2 Credit Hours

This course is designed to introduce, expose, and provide skills in navigating school culture and climate to counselors-in-training including key factors of leadership, advocates and systems change agents in P-12 schools. It is also designed to equip counselors-in-training with sufficient skills and knowledge to design and implement effective comprehensive developmental school counseling programs that address the career, personal/social, and academic needs of students in grades K-12.

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 545 - Treating Self Injury

# COUN 545 - Treating Self Injury

### 0 - 1 Credit Hours

Cutting and other forms of self-injury are a growing concern for educators and mental health professionals. Research suggests that more and more individuals, particularly adolescent and college-aged females are engaging in this behavior. This workshop will help attendees better understand this "coping mechanism" and learn pragmatic strategies to assist these adolescents and young adults. The workshop is applicable for practicing counselors as well as graduate students in school or clinical mental health counseling.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 563 - Counseling Challenging Youth

# COUN 563 - Counseling Challenging Youth

### 1 Credit Hours

Workshop participants will learn a number of practical strategies for building and maintaining therapeutic relationships with challenging youth and families. The strategies will be formatted around six guiding principles common to most human services professionals who successfully engage this population. Participants will be challenged to assess their own attitudes, beliefs, and behaviors related to challenging youth via lecture, demonstrations, small group activities, and role plays.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 579 - Psychological & Achieve Test

# COUN 579 - Psychological & Achieve Test

### 2 Credit Hours

Group tests. Testing procedures. Rationale of intelligence, aptitude, achievement, interest, and personality tests. Selection and evaluation of group tests. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*



## **COUN 591 - Mindfulness In Counseling**

# **COUN 591 - Mindfulness In Counseling**

### **0 - 1 Credit Hours**

This workshop will provide participants with a working knowledge of mindfulness-based interventions in the school and clinical settings. Participants will practice multiple forms of mindfulness, including: mindfulness-based stress reduction (MBSR), formal mindfulness practices (meditation, mindful eating, mindful walking, and silent reflection) and informal practice. Students will learn applications for working with various age groups and issues, with a special focus on using mindfulness in treating anxiety, depression, and everyday life stressors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 630 - Intro To Mental Health Coun**

# **COUN 630 - Intro To Mental Health Coun**

### **2 Credit Hours**

Historical developments and current practice in various agency counseling settings. Restricted to Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 631 - Counseling issues & Ethics**

# **COUN 631 - Counseling issues & Ethics**

### **2 Credit Hours**

Ethical responsibilities of the counselor and counseling as a profession. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 632 - Intro To Reality Therapy**

# **COUN 632 - Intro To Reality Therapy**

### **2 Credit Hours**

Theory, practice, strength, dynamics of failure, success identity. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 633 - Substance Abuse

# COUN 633 - Substance Abuse

### 2 Credit Hours

Follow-up of disease concept of alcoholism. Exploration of intervention techniques in alcohol and other drugs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 634 - Brief Counseling Interventions

# COUN 634 - Brief Counseling Interventions

### 2 Credit Hours

An introductory seminar to brief solution-oriented counseling principles and techniques. Examination of underlying values and assumptions of brief counseling with particular emphasis on the theory and practice of intervention strategies and techniques. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 636 - Career Counseling

# COUN 636 - Career Counseling

### 3 Credit Hours

A study of career choice theories. Sources of occupational information, assessment. Models related to career development programs in various settings. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 637 - Advanced Career Development

# COUN 637 - Advanced Career Development

### 2 Credit Hours

The advanced career development course provides the core curriculum for certification as an NCDA Career Development Professional and/or a Global Career Development Facilitator.

**Prerequisites:** COUN636

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**COUN 638 - Cross Cultural Counseling**

# **COUN 638 - Cross Cultural Counseling**

**2 Credit Hours**

Impact of culture on the counseling process as well as an understanding of cultural differences (e.g., race, gender, ethnicity). Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**COUN 639 - Substance Use and Prevention**

# **COUN 639 - Substance Use and Prevention**

**2 Credit Hours**

Concepts of drug and alcohol counseling. Various models of chemical dependency are explored. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**COUN 640 - Family Relations**

# **COUN 640 - Family Relations**

**2 Credit Hours**

Issues related to the family and various theories of family counseling. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**COUN 642 - Consultation and Supervision**

# **COUN 642 - Consultation and Supervision**

**3 Credit Hours**

Historical development of consultation and models of consultation. Application of theoretical material to case presentations. Supervision techniques, strategies, and ethical responsibilities of supervisors in a counseling setting. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate

**COUN 662 - Special Study: Counseling**

# **COUN 662 - Special Study: Counseling**

**1 - 3 Credit Hours**

Individualized in-depth study of specialized counseling topic. Restricted to Counseling or Clinical Mental Health Counseling majors.

**Prerequisites:** ( EDCO533 or COUN533) and ( EDCO536 or COUN536) and ( EDCO579 or COUN579) and ( EDCO631 or COUN631)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**COUN 669 - Pre Practicum/Coun Lab**

# **COUN 669 - Pre Practicum/Coun Lab**

**3 Credit Hours**

Pre-Practicum / Counseling Lab is a supervised counseling experience where in the student/counselor trainee is responsible for student role-play counseling cases with supervision. The course purpose is to provide the first clinical opportunity to begin integrating learning from COUN 533 Theories and techniques and COUN 631 Issues and Ethics via this supervised counseling experience on campus.

**Prerequisites:** EDCO533 or COUN533

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**COUN 670 - School Counseling Internship**

# **COUN 670 - School Counseling Internship**

**1 - 4 Credit Hours**

This experiential course is designed as an integrative field placement that fulfills the 2001 CACREP requirements for clinical experiences in the School Counseling program standards. Students are expected to engage in on-site counseling activities that allow application of the School Counseling program curriculum content under the direction of an approved site supervisor and Xavier University faculty.

**Prerequisites:** COUN773 or EDCO773

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate

**COUN 671 - Clinical Counseling Internship**

# **COUN 671 - Clinical Counseling Internship**

**1 - 4 Credit Hours**

This experiential course is designed as an integrative field placement. Students are expected to engage in on-site counseling program activities that allow application of the Clinical Mental Health Counseling program curriculum content under the direction of an approved site supervisor and Xavier faculty. The topics covered during the semester reflect those identified for the Clinical Internship CACREP core area.

**Prerequisites:** COUN669 and COUN773

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate

*College of Professional Sci Counseling*

**COUN 760 - Personality & Abnormal Behav**

# COUN 760 - Personality & Abnormal Behav

**3 Credit Hours**

Dynamics of the disturbed personality; symptoms, causes, treatment of psychoneuroses, psychoses, deviant personalities. Emphasis is placed on psychopathological conditions related to children, adolescents, young and middle-life adults, and the aged. Restricted to Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

**COUN 761 - Application of Personality The**

# COUN 761 - Application of Personality The

**3 Credit Hours**

Description, evaluation, and application of specific personality theories in the context of mental health work with children, adolescents, young and middle-life adults, and the aged. Restricted to Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

**COUN 762 - Clinical & Person Assessment**

# COUN 762 - Clinical & Person Assessment

**3 Credit Hours**

Emphasis is placed on methods of administering and interpreting individual and group standardized tests. Evaluation techniques of mental and emotional status, including use of assessment procedures and diagnosis and treatment planning are reviewed. Restricted to Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

**COUN 763 - Diagnosis of Psychopath**

# COUN 763 - Diagnosis of Psychopath

## 3 Credit Hours

A conceptual overview of the foundations of psychodiagnostics. Exposure to both psychodynamic concepts and theory as well as behavioral, descriptive diagnosis as advocated by the DSM IV-R. This includes the development of a framework for identifying the signs and symptoms of psychosis, personality disorders, and neuroses in children, adolescents, young, and middle-life adults, and the aged. Restricted to Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 764 - Counseling & Psychother

# COUN 764 - Counseling & Psychother

## 3 Credit Hours

Theoretical and applied understandings of the psychotherapeutic process including the study of the psychological methods of intervention such as person-centered, psychoanalytic, hypnotherapy, and psychotherapy. Also covered are educational intervention methods such as rational-emotive therapy, reality therapy, and psychosocial rehabilitation. Restricted to Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 765 - Crisis Counseling

# COUN 765 - Crisis Counseling

## 2 Credit Hours

An examination of issues and skills involved in assisting clients to deal with crisis situations. The progression and symptomatology of crisis functioning are presented with models and techniques for appropriate psychological, educational, and specialized intervention techniques for use with clients. Restricted to Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 766 - Intervention Skills

# COUN 766 - Intervention Skills

## 3 Credit Hours

Specific interventions and treatment strategies with severely mentally disabled individuals in both individual and group settings including developing and implementing a treatment plan, reporting and assessing progress of treatment, appropriate psychological, educational, and specialized intervention techniques for use with clients. Restricted to Clinical Mental Health Counseling majors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 767 - Treating Addictive Disorders

# COUN 767 - Treating Addictive Disorders

### 3 Credit Hours

This course will explore advanced concepts in the field of substance abuse and addictions counseling. The primary goals for the course are to deepen students' understanding of substance use disorders and psychopharmacology, to facilitate the development of addiction counseling competencies that are associated with positive treatment outcomes, and to increase the student's level of confidence relative to providing substance abuse evaluation, education and treatment. Emphasis will be placed on developing and practicing substance abuse counseling skills. Students will be introduced to different theoretical models of alcohol and other drug abuse and will explore a variety of treatment approaches. Special populations within the addictions field will be presented including co-occurring substance abuse and mental health disorders, and process addictions. The course addresses aspects of the 2009 CACREP CORE area in Helping Relationships as well as topics included in the Program Area Standards for School and Clinical Mental Health counseling programs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## COUN 773 - Counseling Practicum

# COUN 773 - Counseling Practicum

### 3 Credit Hours

This course addresses the Clinical instruction requirements for the 2009 CACREP Standards for the Department of Counseling. This practicum experience involves completing recorded interviews with bona fide clients and producing appropriate client reports and student self-evaluation forms. All students are expected to have COUN 533, COUN 536, COUN631, COUN579, COUN 669 successfully completed prior to enrolling in COUN 773. Students in COUN 773 must carry liability insurance purchased through the University. Students must complete a total of 40 clock hours of counseling sessions with approximately four clients, eight hours of which must be recorded on CD or other device for supervisor review. Students will also be expected to lead a group counseling experience. Progress notes on the other sessions are due on a regular basis.

**Prerequisites:** ( COUN533 or EDCO533) and ( COUN536 or EDCO536) and ( COUN579 or EDCO579) and ( COUN631 or EDCO631) and ( COUN669 or EDCO669)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## CSCI 170 - Computer Science I

# CSCI 170 - Computer Science I

### 3 Credit Hours

This course is an overview of computer science. Topics include problem solving and algorithms, machine architecture, operating systems, assembly language, higher level programming languages, compilers, limits of computation, networking, applications, and social/ethical issues.

**Course Attributes:** Mathematical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Computer Science*

## CSCI 174 - Programming in "C"

# CSCI 174 - Programming in "C"

### 1 Credit Hours

Introduction to the basic syntax of C through a series of weekly two-hour laboratory exercises and programming projects.

**Prerequisites:** Undergraduate level CSCI180 Minimum grade of C-

**Levels:** Undergraduate

*College of Arts & Sciences Computer Science*

**CSCI 175 - C/C ++**

## **CSCI 175 - C/C ++**

**3 Credit Hours**

Structured programming and problem solving. Data manipulation, functions, arrays, structures, pointers, and files. Fundamental algorithms.

**Levels:** Undergraduate

*College of Arts & Sciences Computer Science*

**CSCI 180 - Computer Science II**

## **CSCI 180 - Computer Science II**

**3 Credit Hours**

Program design: advanced syntax of a programming language; dynamic memory; recursion; sorting; searching; stacks; queues; social and ethical issues related to software design and reliability.

**Prerequisites:** Undergraduate level CSCI170 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Computer Science*

**CSCI 181 - Computer Science Lab**

## **CSCI 181 - Computer Science Lab**

**1 Credit Hours**

Introduction to the syntax of a programming language and to program design techniques.

**Co-requisites:** CSCI180

**Levels:** Undergraduate

*College of Arts & Sciences Computer Science*

**CSCI 210 - Machine Org & Assembly Lang**

## **CSCI 210 - Machine Org & Assembly Lang**

**3 Credit Hours**

Machine level representation of data, assembly level machine organization, memory system organization and architecture, number representation and errors, assembly language.

**Prerequisites:** Undergraduate level CSCI180 Minimum grade of C-

**Levels:** Graduate Undergraduate



## **CSCI 220 - Data Structures & Algorithms**

# **CSCI 220 - Data Structures & Algorithms**

### **3 Credit Hours**

Trees, hashing, advanced sorts, numerical algorithms, algorithm analysis, algorithm design and problem solving strategies.

**Prerequisites:** Undergraduate level CSCI180 Minimum grade of C-

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Graduate Undergraduate

## **CSCI 250 - Languages & Automata**

# **CSCI 250 - Languages & Automata**

### **3 Credit Hours**

Finite-state-automata and regular expressions, context-free grammars, pushdown automata. Turing machines, computability and undecidability, complexity classes.

**Prerequisites:** Undergraduate level MATH225 Minimum grade of C- and Undergraduate level CSCI170 Minimum grade of C-

**Levels:** Graduate Undergraduate

## **CSCI 260 - Software Engineering I**

# **CSCI 260 - Software Engineering I**

### **3 Credit Hours**

Principles and best practices for developing and testing software as a team; effective use of common programming features; practice using tools and techniques commonly used in the software industry.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of C

**Levels:** Graduate Undergraduate

## **CSCI 300 - Programming Languages**

# **CSCI 300 - Programming Languages**

### **3 Credit Hours**

History of programming languages; virtual machines; sequence control; data control; scoping; parameter passing; sharing and type checking; run-time storage management; programming language semantics; programming paradigms. Includes a brief introduction to several different languages as examples of paradigms.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of C and Undergraduate level CSCI250 Minimum grade of D

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

## **CSCI 310 - Compiler Construction**

# **CSCI 310 - Compiler Construction**

### **3 Credit Hours**

Study of grammars, syntax, semantics, interpreters, and compilers. Including the construction of a simple language and a compiler/interpreter.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of C and Undergraduate level CSCI250 Minimum grade of D

**Levels:** Graduate Undergraduate

## **CSCI 320 - Operating Systems**

# **CSCI 320 - Operating Systems**

### **3 Credit Hours**

Operating system software and hardware design and implementation; tasks and processes; process coordination, synchronization, and scheduling; physical and virtual memory organization; file systems and naming; security and protection.

**Prerequisites:** Undergraduate level CSCI210 Minimum grade of D and Undergraduate level CSCI220 Minimum grade of C

**Levels:** Graduate Undergraduate

## **CSCI 321 - Numerical Analysis**

# **CSCI 321 - Numerical Analysis**

### **3 Credit Hours**

Accuracy; function evaluation and approximation; systems of linear equations; nonlinear equations; numerical differentiation and integration; solutions to differential equations.

**Prerequisites:** Undergraduate level CSCI180 Minimum grade of C- and Undergraduate level MATH181

**Levels:** Graduate Undergraduate

## **CSCI 335 - Databases**

# **CSCI 335 - Databases**

### **3 Credit Hours**

Database systems are the software systems used to manage large volumes of data. The principles of database systems, hardware characteristics, file organization and evaluation, data models, database schemas, etc., are studied from both a theoretical and practical viewpoint. The emphasis will be on solving the problems encountered in designing and using a database system, regardless of the underlying hardware and operating system on which the database system will run.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of C

**Levels:** Graduate Undergraduate

## CSCI 340 - Networking

# CSCI 340 - Networking

### 3 Credit Hours

Principles of abstraction underlying modern networks with an emphasis on the technologies underlying the Internet. Applications, transport protocols, routing protocols, network protocols and link protocols will be covered. Problem solving, including programming, at all layers of the networking model will be emphasized.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of C

**Levels:** Graduate Undergraduate

## CSCI 350 - Advanced Algorithms & Theory

# CSCI 350 - Advanced Algorithms & Theory

### 3 Credit Hours

Advanced algorithm design and analysis of algorithms; NP-Completeness, parallel algorithms; heuristic techniques for intractable problems.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of C

**Levels:** Graduate Undergraduate

## CSCI 360 - Systems Security Fundamentals

# CSCI 360 - Systems Security Fundamentals

### 3 Credit Hours

Introduction to system level security issues. Operating systems, networks, and databases are examined from a design perspective to recognize the security threats in current systems and design principles for secure systems. Includes examination and use of tools for monitoring and administering systems securely.

**Prerequisites:** ( CSCI190 or BAIS459) and MATH156 and CSCI340

**Levels:** Graduate Undergraduate

## CSCI 365 - Penetration Testing

# CSCI 365 - Penetration Testing

### 3 Credit Hours

This course will cover the skills necessary to understand different types of attacks and exploits against hosts and networks. Students will utilize hands-on labs to learn reconnaissance, scanning, exploitation, post-exploitation, and other penetration testing methodologies used by ethical hackers. The course will also cover the computer security resources that cover new vulnerabilities and innovative methods to protect networks. Fundamentals of information assurance including legal, ethical, and compliance issues will be taught and enforced.

**Prerequisites:** Undergraduate level CSCI360 Minimum grade of C-

**Levels:** Graduate Undergraduate

## **CSCI 370 - Artificial Intelligence**

# **CSCI 370 - Artificial Intelligence**

### **3 Credit Hours**

Methods of problem solving in artificial intelligence. Heuristics, evaluation functions, search strategies, and a survey of AI projects. Introduction to Scheme or other language used for AI programming.

**Prerequisites:** Undergraduate level MATH225 Minimum grade of C and Undergraduate level CSCI220 Minimum grade of C

**Levels:** Graduate Undergraduate

## **CSCI 380 - Topics in Computer Science**

# **CSCI 380 - Topics in Computer Science**

### **1 - 3 Credit Hours**

Advanced computer science topics, specified by instructor.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of C

**Levels:** Graduate Undergraduate

## **CSCI 381 - Topics In Cybersecurity**

# **CSCI 381 - Topics In Cybersecurity**

### **3 Credit Hours**

0

**Prerequisites:** Undergraduate level CSCI240 Minimum grade of C and Undergraduate level CSCI340 Minimum grade of C

**Levels:** Graduate Undergraduate

## **CSCI 390 - Senior Seminar & Project**

# **CSCI 390 - Senior Seminar & Project**

### **2 - 3 Credit Hours**

Design, implementation, documentation, and presentation of a significant computer science project.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Computer Science Computer Science Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

**CSCI 395 - Co-Op Education in Comp Sci**

## **CSCI 395 - Co-Op Education in Comp Sci**

**3 Credit Hours**

Integrates professional work experience with classroom training by providing students with advanced hands on work experience in a real software engineering environment under the direct supervision of a professional software developer. Student must meet Co-Op program requirements and have the approval of their departmental advisor.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

**CSCI 397 - Special Reading in Comp Sci**

## **CSCI 397 - Special Reading in Comp Sci**

**3 Credit Hours**

Credit by arrangement with instructor.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

**DANC 153 - Stretch Class**

## **DANC 153 - Stretch Class**

**1 Credit Hours**

This is a study of exercises and movement to music to promote fitness and body control in preparing for dance development. The class combines elements of stretching and strength building exercises using yoga, Pilates and ballet. Basic anatomy is covered as a foundation for control of the muscles and bone structure of the body.

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**DANC 154 - Dance & Movement Beginner Tap**

## **DANC 154 - Dance & Movement Beginner Tap**

**1 Credit Hours**

Technical aspects of dance through medium of theatrical dance movement. Ideas and movement problems explored through rhythmic, stretching and body strengthening activities. Students with no dance exposure can participate to improve body coordination and natural aptitudes for dance.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**DANC 155 - Dance & Movement Beginner Jazz**

## **DANC 155 - Dance & Movement Beginner Jazz**

**1 Credit Hours**

Technical aspects of dance through medium of theatrical dance movement. Ideas and movement problems explored through rhythmic, stretching and body strengthening activities. Students with no dance exposure can participate to improve body coordination and natural aptitudes for dance.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**DANC 156 - Dance & Movement Advanced Tap**

## **DANC 156 - Dance & Movement Advanced Tap**

**1 Credit Hours**

Continuation of MUSC 154/155.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**DANC 157 - Dance & Movement Advanced Jazz**

## **DANC 157 - Dance & Movement Advanced Jazz**

**1 Credit Hours**

A continuation of MUSC 154/155.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**DANC 158 - Ballet I**

## **DANC 158 - Ballet I**

**1 Credit Hours**

Ballet techniques presented and practiced. An introduction to the fundamentals of ballet technique and body mechanics that govern ballet's classical foundation. Designed to establish groundwork for developing proper working patterns, in placement, turnout, breathing and balance.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**DANC 159 - Ballet II**

## **DANC 159 - Ballet II**

**1 Credit Hours**

This course is a continuation of ballet dancing, (Ballet I, MUSC 158). This discipline challenges the body and the mind. The execution of ballet technique provides exercises, improves posture and promotes grace and coordination. Learning the joy of movement and the appreciation of aesthetic beauty will be emphasized.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor

**Levels:** Undergraduate

**DANC 160 - Ballet Intermediate/Advance**

# **DANC 160 - Ballet Intermediate/Advance**

**1 Credit Hours**

This is a systematic and comprehensive study of classical ballet presented as an exploration of ballet technique in the dance studio. The course outlines the traditional ballet class including work at the barre and center, using combinations and choreography which challenges the mind and body. French terminology will be used. This is a continuation of Ballet II with more advanced steps added.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor

**Levels:** Undergraduate

**DANC 162 - Dance Sport**

# **DANC 162 - Dance Sport**

**1 Credit Hours**

This course is an introduction to the fundamentals of Dance Sport/Ballroom dancing techniques. Students will learn about the history of Couples dancing, as a dance form, emerged in the 15th century Europe as an adaptation of folk dancing and was refined by the dancing masters of the time. The class will study five ballroom dances: Modern Waltz, Tango, Viennese Waltz, Slow Foxtrot, and quickstep, which are danced the world over both socially and in Dance Sport Competitions.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

**DANC 163 - World Fusion Dance**

# **DANC 163 - World Fusion Dance**

**1 Credit Hours**

This course will explore a variety of world dance styles as a means of expression and culture. This will be accomplished through technique instruction, critique of video performances and improvisational exercises. Students will learn dance styles independent of each other, and later learn how styles of dance can be fused together to form an eclectic genre. Each class will begin with a proper stretching followed by technique instruction. Improvisational exercises will be used to enhance students' creativity, and choreographic sensibilities. As the class progresses, students will learn routines which strengthen choreographic phrasing skills.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

**DANC 166 - Modern Dance**

# **DANC 166 - Modern Dance**

**1 Credit Hours**

The class will explore the genre of modern dance. This will be accomplished through technique instruction, critique of DVD performances and improvisational exercises. Throughout the course various approaches to modern dance will be studied including: Dunham, Graham and Pedestrian styles. The course will culminate with the study of contemporary choreographers influenced by the modern dance movement. Each class will begin with proper stretching, followed by technique instruction. Improvisational exercises will be used to enhance students' creativity, and choreographic sensibilities. As the class progresses, students will learn routines which strengthen choreographic phrasing skills.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **DANC 170 - Beginning Ballroom Dance**

# **DANC 170 - Beginning Ballroom Dance**

**1 Credit Hours**

The course presents American traditional ballroom dance styles as used for social occasions. Instruction will be for dance styles in which the participants move around the floor in a circular pattern and these will be the Waltz, two versions of the Foxtrot, Rumba and Tango.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **DANC 171 - Beginning Ballroom Dance II**

# **DANC 171 - Beginning Ballroom Dance II**

**1 Credit Hours**

The course presents American traditional ballroom dance styles as used for social occasions. Instruction will be for dances in which the participants dance in a given spot and these will be the Lindy, Jive, Jitterbug, two versions of Swing, plus the Bolero, Mambo, and Cha-cha.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **DANC 172 - Adv Ballroom Dance**

# **DANC 172 - Adv Ballroom Dance**

**1 Credit Hours**

This course presents American traditional ballroom dance styles as used for social occasions. Instruction will be for dance styles in which the participants move around the floor in a circular pattern and these will be the Waltz, two versions of the Foxtrot, Rumba and Tango. Students will receive instruction in the social customs associated with ballroom dancing. Short lectures will be presented on the social history and development of each type of dance and also the music to which that dance is performed. Demonstration will be given on the correct dancing stance and hold positions, correctly leading and following the different required steps, and signaling to your partner during the dances, plus the appropriate skills for moving in Line of Dance versus Promenade. Lecture and demonstration will be given on selecting the types of recorded music which have appropriate rhythm for each of those dances. Demonstration will be given as to how the dance steps are coordinated to the music.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **DANC 173 - Adv Ball Dance Rhythm & Latin**

# **DANC 173 - Adv Ball Dance Rhythm & Latin**

**1 Credit Hours**

This course presents American traditional ballroom dance styles as used for social occasions. Instruction will be for dances in which the participants dance in a given spot and these will be the Lindy, Jive, Jitterbug, Swing, plus the Bolero, Mambo, and Cha-cha.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate



*College of Arts & Sciences Music & Theatre*

## **DANC 201 - Musical Theatre Dance**

# **DANC 201 - Musical Theatre Dance**

### **1 Credit Hours**

This course is designed to introduce the fundamentals of musical theatre dance. The class will focus on the students ability to learn various styles of dance from past to present as related to musical theatre.

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

## **DIFT 104 - Video Production non DIFT**

# **DIFT 104 - Video Production non DIFT**

### **3 Credit Hours**

This course introduces the field of television production beginning with its terms, practices, and techniques. Emphasis is placed on field production, studio production, editing, graphics, audio and lighting.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Communication*

## **DIFT 207 - News Producing Practicum**

# **DIFT 207 - News Producing Practicum**

### **3 Credit Hours**

The goal of this course is to teach students the basics of broadcast news writing and producing. The focus will be on television news but the concepts taught and practiced will apply to multiple media platforms. Students will learn the basics of story writing, story selection, reporting, interviewing and newscast formatting.

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

*College of Arts & Sciences Communication*

## **DIFT 210 - Art of Film**

# **DIFT 210 - Art of Film**

### **3 Credit Hours**

Film as a modern art form, treating motion, sound, editing, light, acting, director's style, and film analysis.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## DIFT 213 - Non-Fiction Film

# DIFT 213 - Non-Fiction Film

### 3 Credit Hours

Development of the nonfiction film from Flaherty to "cinema of truth." Current documentaries on controversial topics will be stressed.

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## DIFT 214 - Film Criticism

# DIFT 214 - Film Criticism

### 3 Credit Hours

Cultivating criteria for judging film from viewing and analysis. Leading theories will be discussed.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## DIFT 215 - Aesthetics & Tech of Post Prod

# DIFT 215 - Aesthetics & Tech of Post Prod

### 3 Credit Hours

Rules and principles involved in the art of video post-production. Through practice and hands-on instruction, this course explores cinematic grammars and a variety of storytelling strategies and techniques.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## DIFT 216 - Photography I

# DIFT 216 - Photography I

### 3 Credit Hours

This course is an introduction to the art of shooting traditional black and white photography and modern SLR digital color photography. This course is also an introduction to the fine art of digital imaging as a practical and artistic enhancement to basic photography. Photography will be discussed as both a fine art form and a commercial art medium.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## DIFT 250 - Screenwriting & Story Craft

# DIFT 250 - Screenwriting & Story Craft

**3 Credit Hours**

Screenwriting focuses on the conceptualization, design, organization, communication strategies, and formatting of messages and experiences for television and film. Story craft focuses on the components of storytelling including drama, narrative and scene development, characterization, and literary techniques that apply to scriptwriting.

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**DIFT 254 - Intro to Video Production**

## DIFT 254 - Intro to Video Production

**3 Credit Hours**

Revolves around whole-systems thinking, including the design and development of "live," script-to-screen segments and programs. Skills are developed in the areas of scripting, directing, technical directing, camera operation, floor management, lighting, audio, and video recording. Industry roles & responsibilities are treated, including the strategies for gaining entrance.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**DIFT 280 - Alfred Hitchcock in Hollywood**

## DIFT 280 - Alfred Hitchcock in Hollywood

**2 - 3 Credit Hours**

This course is designed for undergraduates and serves as both an in-depth investigation of a major artist and an exploration of American attitudes and institutions during World War II, the Cold War, and the upheavals of the 1960s and early 70s. Students are required to do a significant amount of reading and writing.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**DIFT 297 - America Through the Lens**

## DIFT 297 - America Through the Lens

**2 - 3 Credit Hours**

Films and television programs will be analyzed in order to both identify the cultural and historical messages they contain. The formulas and conventions of Hollywood genres will be examined. This understanding of genre will serve as a primary analytical tool as we de-construct the films and television programs studied in class.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**DIFT 310 - The Horror Film**

## DIFT 310 - The Horror Film

**3 Credit Hours**

An analysis and history of the horror film, with attention to the myths behind the subject matter. Gender related issues will be emphasized.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**DIFT 340 - Audio Production**

## DIFT 340 - Audio Production

**3 Credit Hours**

Technical and theoretical basis. Digital sound editing, special effects, commercial production and documentary production. Lab

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**DIFT 348 - Internship in DIFT I**

## DIFT 348 - Internship in DIFT I

**3 Credit Hours**

0

**Levels:** Undergraduate

*College of Arts & Sciences Communication*

**DIFT 354 - Field Prod and Story Telling**

## DIFT 354 - Field Prod and Story Telling

**3 Credit Hours**

Producing video on-location from a script. News, interview, documentary, corporate, and film-style productions are covered, along with the requisite skills in directing, teamwork, camera operation and aesthetics, sound recording, lighting, and non-linear editing. Throughout, the emphasis is on the whole-systems thinking and effective communication.

**Prerequisites:** DIFT254 or COMM254

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

**DIFT 401 - Politics Reporting Practicum**

## DIFT 401 - Politics Reporting Practicum

**1 Credit Hours**

Collaborative (interdisciplinary) hands-on course, that focuses on the fall national and local election cycle. Advanced Electronic Media students and Mass Media and Politics students, will collaborate to produce high value news packages, focusing on the fall elections. Target audience is Xavier News and the Web. The course is open to Electronic Media majors and PPP majors taking the Mass Media and Politics course with instructor permission.

**Restrictions:** Must be enrolled in one of the following Majors: Electronic Media Philos, Politics & The Public

**Levels:** Graduate Undergraduate

## **DIFT 402 - Brand X Production Practicum**

# **DIFT 402 - Brand X Production Practicum**

### **1 Credit Hours**

This course is a collaborative hands-on course that will focus on creating completed Brand X programming to be aired on our student channel and the web. Electronic Media students will collaborate to write and produce a high production value music shows. The course is open to Electronic Media majors and other majors who belong to the television association and have experience working in the TV studio. Other students must receive permission from the instructor.

**Restrictions:** Must be enrolled in one of the following Majors: Electronic Media

**Levels:** Graduate Undergraduate

## **DIFT 403 - Brand X Practicum II**

# **DIFT 403 - Brand X Practicum II**

### **1 Credit Hours**

This sequential course to DIFT 402 is a collaborative hands-on course that will focus on creating completed Brand X programming to be aired on our student channel and the web. Electronic Media students will collaborate to write and produce high production value music shows. The course is open to Electronic Media majors and other majors who belong to the television association and have experience working in the TV studio. Other students must receive permission from the instructor.

**Prerequisites:** COMM101

**Levels:** Graduate Undergraduate

## **DIFT 451 - Introduction to Video Graphics**

# **DIFT 451 - Introduction to Video Graphics**

### **3 Credit Hours**

Creative elements of conceptualizing, generation, and 2D animation within a high resolution paint system. Integration of paint system with live/video and character generation.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

## **DIFT 452 - Aesthetics & Tech of Post Prod**

# **DIFT 452 - Aesthetics & Tech of Post Prod**

### **3 Credit Hours**

Rules and principles involved in the art of video post-production. Through practice and hands-on instruction, this course explores cinematic grammars and a variety of storytelling strategies and techniques.

**Levels:** Graduate Undergraduate

## DIFT 453 - Advanced Visual Effects

# DIFT 453 - Advanced Visual Effects

### 3 Credit Hours

Comprehensive instruction in advanced film and TV post-production graphics and visual effects. This includes innovative techniques that are emerging

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## DIFT 454 - Advanced Video Editing

# DIFT 454 - Advanced Video Editing

### 3 Credit Hours

Teaches students how to use the AVID, non-linear editing system; also covers aesthetics and editor-client interaction.

**Prerequisites:** DIFT254 or COMM254

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## DIFT 458 - Internship in DIFT II

# DIFT 458 - Internship in DIFT II

### 3 Credit Hours

0

**Levels:** Undergraduate

*College of Arts & Sciences Communication*

## DIFT 459 - Senior Sem in EMED Adv Prod I

# DIFT 459 - Senior Sem in EMED Adv Prod I

### 3 Credit Hours

This capstone course calls into play the full range of theoretical knowledge, creativity, skills, and talents that students developed in the lower-level production courses. Students design and produce professional quality, scripted videos or a whole program.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

## DIFT 460 - Senior Sem in DIFT Adv Prod II

# DIFT 460 - Senior Sem in DIFT Adv Prod II

### 3 Credit Hours

Second semester of capstone experience.

**Prerequisites:** DIFT459

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication*

### **ECON 200 - Microeconomic Principles**

# **ECON 200 - Microeconomic Principles**

#### **3 Credit Hours**

Principles governing the efficient allocation of the nation's scarce resources. Economic behavior of consumers, producers, and resource owners.

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Course Attributes:** Social Science Elective Core

**Levels:** Graduate Undergraduate

*Williams College of Business Economics*

### **ECON 201 - Macroeconomic Principles**

# **ECON 201 - Macroeconomic Principles**

#### **3 Credit Hours**

Economic activity of the economy as a whole. The role of public policy in relation to issues of full employment, price stability, economic growth, government finance, and international trade.

**Prerequisites:** Undergraduate level ECON200 Minimum grade of D

**Course Attributes:** Social Science Elective Core

**Levels:** Undergraduate

*Williams College of Business Economics*

### **ECON 209 - Economics and Public Issues**

# **ECON 209 - Economics and Public Issues**

#### **3 Credit Hours**

Analysis of a series of public issues from economic and ethical perspectives. ECON 209 does not count as either an economics elective or a business elective, but does count as an E/RS Focus elective.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** ERS Focus Elective

**Levels:** Undergraduate

*Williams College of Business Economics*

### **ECON 300 - Int'l Trade & Bus Environment**

# **ECON 300 - Int'l Trade & Bus Environment**

**3 Credit Hours**

An analysis of International Trade and Finance; the behavior of the multinational enterprise; the impact of the global economy on traditional business strategies.

**Prerequisites:** Undergraduate level ECON201 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Economics*

**ECON 303 - Internship / Econ**

# ECON 303 - Internship / Econ

**1 - 3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved economic-related work experience. Student must have 55 credit hours completed, a 2.750 GPA, and departmental approval.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Economics*

**ECON 305 - Microeconomic Analysis**

# ECON 305 - Microeconomic Analysis

**3 Credit Hours**

An in-depth study of consumer behavior, production costs, the firm, market structure, factor markets, and general equilibrium analysis.

**Prerequisites:** ECON200 and ( MATH140 or MATH150 or MATH170)

**Levels:** Undergraduate

*Williams College of Business Economics*

**ECON 306 - Macroeconomic Analysis**

# ECON 306 - Macroeconomic Analysis

**3 Credit Hours**

Theoretical foundations of macro models integrating real and monetary sectors in both open and closed economies. Controversies in modern macro theory, with emphasis on business cycle theory.

**Prerequisites:** Undergraduate level ECON201 Minimum grade of D and (Undergraduate level MATH140 Minimum grade of D or Undergraduate level MATH150 Minimum grade of D or Undergraduate level MATH170 Minimum grade of D)

**Levels:** Undergraduate

*Williams College of Business Economics*

**ECON 307 - Empirical Analysis In Economic**

# ECON 307 - Empirical Analysis In Economic

**3 Credit Hours**

The construction and testing of economic models. Emphasis given to linear regression techniques, special problems in estimating economic relationships, and interpretation of results.

**Prerequisites:** ECON200 and ECON201 and ( STAT210 or BAIS210 or MATH156)



**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 315 - History of Economic Thought**

# **ECON 315 - History of Economic Thought**

### **3 Credit Hours**

Ideas and theories of major contributors to economic thought, including, Smith, Mill, Marx, and Keynes. Primary sources will be used.

**Prerequisites:** Undergraduate level ECON201 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Peace & Justice Studies Minor

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 320 - Natural Resource Economics**

# **ECON 320 - Natural Resource Economics**

### **3 Credit Hours**

Economic analysis of managing the environment and allocating natural resources. Historical roots and ethical consequences of existing problems and policies are explored.

**Prerequisites:** Undergraduate level ECON200 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** ERS Focus Elective

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 323 - Intro to Mathematical Econ**

# **ECON 323 - Intro to Mathematical Econ**

### **3 Credit Hours**

Synthesis of mathematical techniques and economic theory. A mathematical review of economic models, static equilibrium, comparative statics, optimization, dynamic analysis, and mathematical programming.

**Prerequisites:** Undergraduate level ECON201 Minimum grade of D and Undergraduate level MATH150 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 340 - Econ Th & App in Pub Pol**

# **ECON 340 - Econ Th & App in Pub Pol**

### **3 Credit Hours**

The purpose of this course is to provide students with a set of conceptual frameworks for analyzing the social, economic and political environment for public policy analysis and policy design based on basic economic principles.

**Prerequisites:** ECON200 and ECON201

**Restrictions:** Must be assigned one of the following Student Attributes: Smith Scholar

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 341 - Econ of Developing Countries**

# **ECON 341 - Econ of Developing Countries**

### **3 Credit Hours**

Analysis of the main problems of developing countries, methods of generating growth and development, and consideration of the international distribution of wealth. .

**Prerequisites:** Undergraduate level ECON201 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 350 - Business Cycles & Forecasting**

# **ECON 350 - Business Cycles & Forecasting**

### **3 Credit Hours**

The study of macroeconomic theories that explain business cycles and use of macroeconomic data and economic indicators that can be used to predict cycles. The development of statistical tools for forecasting economic trends and fluctuations.

**Prerequisites:** ECON200 and ECON201 and STAT211

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 360 - Economics and Politics**

# **ECON 360 - Economics and Politics**

### **3 Credit Hours**

An introduction to the economic analysis of political decision making in a modern democracy. Present models and examination of policy choices as an outcome of strategic interaction among rational individuals. Other topics include: rational choice theory, models of electoral competition, role of institutions in policy making, general and special interest politics and lobbying and international policy coordination.

**Prerequisites:** ECON200

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 370 - Historic Dev of Amer Econ**

# **ECON 370 - Historic Dev of Amer Econ**

### **3 Credit Hours**

This course provides an introduction to the historical development of the American economy. Additionally, our course will provide you the opportunity to learn about and practice writing in economics. We will explore a number of applied microeconomic topics across a variety of historical settings that include colonial institutions, slavery, transportation, agricultural development, immigration, discrimination and mobility. We will attempt to answer a number of different questions through our discussion. What can we learn about modern development from historical examples? What is "good" economic history? How did events, policies, institutions, etc. affect the economic and human development of the Americas? What can we learn from economic history?

**Prerequisites:** ECON200 and ECON201

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 390 - Topics in Economics**

# **ECON 390 - Topics in Economics**

### **3 Credit Hours**

Selected problems. Examples include: energy, natural resource, environmental and urban economics. May be taken for credit more than once.

**Prerequisites:** Undergraduate level ECON201 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 391 - Money and Capital Markets**

# **ECON 391 - Money and Capital Markets**

### **3 Credit Hours**

Various financial markets including markets for money, bond, mortgage, stock, and derivatives will be covered. The student will gain a basic understanding of the role these markets play in every day economic activity. There will be considerable time learning the key economic concepts and financial institutions that play such an important role in financial markets. Emphasis will be placed on the key role of the Federal Reserve System and its monetary policy as well as commercial banks and how they are affected by the monetary policy. Nonbank financial institutions will also be examined, including Fannie Mae and Freddie Mac.

**Prerequisites:** ECON200 and ECON201

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 394 - Sports Economics**

# **ECON 394 - Sports Economics**

### **3 Credit Hours**

Sports economics is the application of economic models to sports questions. That sounds boring... it's not. Sports bring MANY humans together, often organizing groups of humans around a common goal. The problem is that each individual has their own wants and needs as well. This creates tension and leads to difficult questions within teams, leagues, cities, and society as a whole. For example: Should D1 Student Athletes be paid to play? Is the level of US Women's National Team player compensation unfair? Should teams from large markets (e.g., New York or LA) be forced to share revenues with the rest of the league? Should cities use tax dollars to subsidize new stadiums? Should we be able to gamble on sports? And much more...

**Prerequisites:** ECON200 and ECON201

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 395 - Economics of Poverty**

# **ECON 395 - Economics of Poverty**

### **(3) Credit Hours**

This course explores the issues of poverty and discrimination from the perspective of an economist. We will examine the causes and consequences of poverty and discrimination, as well as the various policies meant to reduce their prevalence. The primary focus is poverty in the United States, but some aspects of international poverty will also be

addressed.

**Course Attributes:** Cultural Diversity - Univ Core

**Levels:** Undergraduate

*Williams College of Business Economics*

**ECON 410 - Economic Growth**

## **ECON 410 - Economic Growth**

### **3 Credit Hours**

This course introduces students to stylized facts about economic growth and the economic models that help to explain these facts. The course starts with the simple Solow model and study the contribution of physical capital and human capital. Then we will take technology growth as endogenous and discuss its determinants. We will conclude by studying the micro and macroeconomics behind population dynamics and learning how it relates to economic growth.

**Prerequisites:** ECON305 and ECON306

**Levels:** Undergraduate

*Williams College of Business Economics*

**ECON 420 - Urban and Regional Economics**

## **ECON 420 - Urban and Regional Economics**

### **3 Credit Hours**

An analysis of the economic reasons for city formation and spatial density patterns, with a focus on cities in the United States. Within this framework, we explore issues of transportation, housing, local government finance, crime and poverty.

**Prerequisites:** ECON305

**Levels:** Undergraduate

*Williams College of Business Economics*

**ECON 421 - Environment, Econ and Policy**

## **ECON 421 - Environment, Econ and Policy**

### **3 Credit Hours**

Analysis of concepts and models concerning economics and the environment, with applications to policy questions. Project work will focus on particular natural resources or ecosystem services.

**Prerequisites:** ECON320 and ECON305

**Course Attributes:** Environ Science/Studies Elect, Peace & Justice Studies Minor

**Levels:** Undergraduate

*Williams College of Business Economics*

**ECON 440 - Public Economics**

## **ECON 440 - Public Economics**

### **3 Credit Hours**

Study of economic efficiency, distribution and role of government in the economy. Topics include: market failure, public and private provision of public goods, an analysis of the principles of government expenditure and taxation.

**Prerequisites:** Undergraduate level ECON305 Minimum grade of D and (Undergraduate level MATH140 Minimum grade of D or Undergraduate level MATH150 Minimum grade of D) or Undergraduate level MATH170 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 441 - Econ of Developing Country II**

# **ECON 441 - Econ of Developing Country II**

### **3 Credit Hours**

This course analyzes the problems and issues that are fundamental to developing countries by focusing on topics that are "external" to developing countries, such as International Migration, Foreign Aid, and Technology Diffusion. At the heart of this course lies the complex relationship between market and government failure: while markets do not usually deliver socially desirable outcomes, governments also do not pursue socially desirable objectives.

**Prerequisites:** ECON305 and ( MATH140 or MATH150 or MATH170)

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 450 - International Economics**

# **ECON 450 - International Economics**

### **3 Credit Hours**

Basis for trade between nations. Barriers to trade. Balance of payments. Exchange rate determination. Monetary and fiscal policies in an open economy.

**Prerequisites:** Undergraduate level ECON305 Minimum grade of D and Undergraduate level ECON306 Minimum grade of D and (Undergraduate level MATH140 Minimum grade of D or Undergraduate level MATH150 Minimum grade of D or Undergraduate level MATH170 Minimum grade of D)

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 460 - Labor Economics**

# **ECON 460 - Labor Economics**

### **3 Credit Hours**

Analysis of labor market behavior. Issues of compensation, human capital investment, unionization, discrimination, and the influence of the labor market on the macro economy.

**Prerequisites:** Undergraduate level ECON305 Minimum grade of D and (Undergraduate level MATH140 Minimum grade of D or Undergraduate level MATH150 Minimum grade of D or Undergraduate level MATH170 Minimum grade of D)

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 470 - Int'l Macroecon & Policy**

# **ECON 470 - Int'l Macroecon & Policy**

### **3 Credit Hours**

Topics of this course include exchange rates, international financial flows, financial globalization, currency regimes, the growth and stability implications of economic policy, international financial crises, and the theory and consequences of currency unions giving special attention to the Euro.

**Prerequisites:** ECON305 and ECON306 and ( MATH140 or MATH150 or MATH170)

**Levels:** Undergraduate

**ECON 480 - Appl Research Methods in Econ**

# **ECON 480 - Appl Research Methods in Econ**

**3 Credit Hours**

This course will provide an opportunity to learn about research design in applied microeconomics. Students will extend the theory they learn in their econometrics course to a wide variety of advanced empirical techniques that economists employ in the pursuit of the holy grail of research—the causal effect. Students will gain a basic knowledge of the theory behind these techniques. More importantly, they will learn how to implement them in their own work and to critique their implementation in the work of others.

**Prerequisites:** ECON305 and ECON307

**Levels:** Undergraduate

**ECON 494 - Economics Capstone**

# **ECON 494 - Economics Capstone**

**0 Credit Hours**

The primary aim of the capstone course is to use economic theory and data analysis to complete an original research project. In this course, students will learn about the process of developing, researching, writing and presenting an economics capstone. In class, students will learn how to decide on an appropriate research topic, formulate hypotheses using economic theory, fit the topic into a broader literature, collect and analyze data and write the capstone paper based on the results from data analysis. At the end of the term, students will present their capstone to the economics faculty throughout the second half of the term. The research paper and the oral presentation of the research will be assessed by the faculty.

**Levels:** Undergraduate

**ECON 495 - Markets, Strategy & Rivalry**

# **ECON 495 - Markets, Strategy & Rivalry**

**3 Credit Hours**

Applied microeconomic analysis for decision-making within the business firm. Topics include pricing decisions, internal labor issues, and external market pressures.

**Prerequisites:** Undergraduate level ECON305 Minimum grade of D and Undergraduate level STAT211 Minimum grade of D and (Undergraduate level MATH140 Minimum grade of D or Undergraduate level MATH150 Minimum grade of D or Undergraduate level MATH170 Minimum grade of D)

**Levels:** Undergraduate

**ECON 499 - Tutorial Course**

# **ECON 499 - Tutorial Course**

**1 - 3 Credit Hours**

Special reading and study for advanced students. Approval of department chair and dean required.

**Prerequisites:** Undergraduate level MATH140 Minimum grade of D or Undergraduate level MATH150 Minimum grade of D or Undergraduate level MATH170 Minimum grade of D

**Levels:** Undergraduate

## ECON 550 - Managerial Economics

# ECON 550 - Managerial Economics

### 3 Credit Hours

Managerial economics analyzes consumer and firm behavior in order to provide a strong, theoretical understanding of how consumer and firm behavior in order to provide a strong, theoretical understanding of how consumers make decisions and firms maximize profit. With this foundation, the second part of the course examines how firms are organized and their behavior in a variety of market situations. The course concludes with an analysis of how to make effective decisions regarding hiring, managing, and motivating workers.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Economics*

## ECON 601 - Global Economic Environment

# ECON 601 - Global Economic Environment

### 3 Credit Hours

Description and analysis of macroeconomics policies in a global environment, with emphasis on how international trade and capital flows affect the impact of monetary, fiscal, and supply-side policies on traditional macroeconomic variables.

**Prerequisites:** ECON550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Economics*

## ECON 627 - International Econ & Business

# ECON 627 - International Econ & Business

### 3 Credit Hours

Growth and direction of trade, internationalization of business, role of governments. Mechanics of financing foreign trade and investment.

**Prerequisites:** ECON550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Economics*

## ECON 632 - Business Forecasting

# ECON 632 - Business Forecasting

### 3 Credit Hours

Development and application of statistical techniques used in short-term forecasting.

**Prerequisites:** STAT500 or ECON550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Economics*

## ECON 640 - Empirical Analysis For Pricing

# ECON 640 - Empirical Analysis For Pricing

### 3 Credit Hours

This is an advanced course in business economics that introduces demand estimation techniques that are essential to business analytics and market studies. Estimating and understanding market demand is central to developing business strategies such as pricing strategy. Students will be exposed to the latest techniques in demand estimation and pricing. Students will also be able to identify market factors that are key to value creation and value capturing. Topics include but are not limited to demand estimation using regression analysis, demand estimation using discrete choice analysis, optimal pricing and business analytics with value creation.

**Prerequisites:** ECON550 and STAT500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Economics*

## ECON 650 - Managing Pricing Strategy

# ECON 650 - Managing Pricing Strategy

### 3 Credit Hours

This is an advanced course in the economics, strategy and implementation of pricing by firms. Pricing expertise requires careful strategic consideration, masterful tactics, financial and competitive analysis, strong communication skills and constant agility. Students will be exposed to the latest analytical and practical techniques in pricing. This course is designed for current and future managers to understand, plan and execute pricing decisions, which is the single most important driver of firm profitability and value.

**Prerequisites:** ECON550 and STAT500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Economics*

## ECON 660 - Econ Thm & App for Pub Policy

# ECON 660 - Econ Thm & App for Pub Policy

### 3 Credit Hours

This is a graduate level course. The purpose of this course is to provide students with a set of conceptual frameworks for analyzing the social, economics and political environment for public policy analysis, policy design, and advocacy. We will rely heavily on foundations of economic principles, skills and concepts. Institutional and political analysis will be heavily used as well. Students will learn to apply rational decision making principles to identify patterns of individual as well as collective behavior and outcomes to better understand public policy making.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Economics*

## ECON 690 - Seminar: Current Econ Problems

# ECON 690 - Seminar: Current Econ Problems

### 3 Credit Hours

Topics selected from current significant theory and policy issues.

**Prerequisites:** ECON550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin



**Levels:** Graduate

*Williams College of Business Economics*

### **ECON 695 - Individual Reading & Research**

# **ECON 695 - Individual Reading & Research**

#### **2 - 3 Credit Hours**

Open to especially qualified students with the consent of the department chair and dean.

**Prerequisites:** ECON550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Economics*

### **ECON 705 - Applied Economic Analysis**

# **ECON 705 - Applied Economic Analysis**

#### **4 Credit Hours**

Students analyze the economic behavior of the consumer and producer and combine economic theory and applications in order to understand and evaluate the national and international environment. Classical and contemporary economic models provide the framework for analysis and real world application. Current economic issues and the impact of monetary and fiscal policies are considered.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Economics*

### **ECON 750 - Managerial Economics**

# **ECON 750 - Managerial Economics**

#### **3 Credit Hours**

This course puts emphasis on the Applied Microeconomic analysis. The overall objective of the managerial economics rely on the microeconomic analysis for concepts such as demand, pricing strategies, profit, competition, and compensation strategies as well as their applications. It attempts to bridge the gap between the pure economic theory that intrigues many economists and the day-to-day decisions that managers must face; hence, prepares managers to become efficient decision makers.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Economics*

### **ECON 751 - International Economics**

# **ECON 751 - International Economics**

#### **3 Credit Hours**

This course puts emphasis on Applied International Macroeconomic analysis. The international macroeconomic analysis introduces you to the behavior of the economy as a whole in a globalized economic environment. Topics include: national output and national income, aggregate demand and supply analysis, economic growth, unemployment, inflation, monetary and fiscal policies and international economics.

**Prerequisites:** ECON750

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Economics*

## **EDAD 500 - Curriculum and Behavioral MTSS**

# **EDAD 500 - Curriculum and Behavioral MTSS**

### **3 Credit Hours**

The purpose of this course is to provide students an in-depth and introduction to the foundational concepts and recent history of Multi-Tiered Systems of Support (MTSS) in primary and secondary school settings. The course content will be presented through a critical theory lens and a social justice frame of reference. MTSS is a comprehensive, collaborative model designed to support all learners. Tier one strategies are emphasized but tiers two and three are addressed. Students will learn of the rationale behind and intended outcomes of multi-tiered systems of support in K-12 settings; how these systems are often organized and function; and how to critically evaluate the viability of MTSS/PBIS and the development of interventions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 501 - MTSS & Support I: Academic**

# **EDAD 501 - MTSS & Support I: Academic**

### **3 Credit Hours**

The purpose of this course is to provide a framework of understanding for establishing an MTSS system that supports all students in the academic realm for students who are "at risk". This will include establishing, organizing, assessing a school wide MTSS program. The course content will be presented through a critical theory lens and a social justice frame of reference Types of supports, developing targeted supports, Tier one, two and three strategies will be provided and discussed. This may also include discussions of academic support for EL students and advanced students. Systems will be presented for data collection, problem solving, intervention formation, assessment, and a clear process for advancement in the MTSS process if data warrants this movement. The course will emphasize ELA, including reading, writing, listening, and speaking, mathematical examples of Tier one and Tier two interventions. The presentation and use of the academic content standards- extended will be central to this course and the development of all interventions. There will also be an emphasis of applying both behavioral and academic supports in the development of academic interventions. Methods of data collection and analysis will be presented. A critical theory lens will be used to evaluate the equity of the academic supports developed.

**Prerequisites:** EDAD500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 502 - MTSS & Behavioral Intervention**

# **EDAD 502 - MTSS & Behavioral Intervention**

### **3 Credit Hours**

The purpose of this course is to provide a framework of understanding for establishing an MTSS system that supports all students in developing an internal locus of control. Often also called Positive Behavioral Intervention Supports (PBIS) this will include establishing, organizing, assessing a school wide MTSS program. The development of a rigorous Tier One System will be emphasized. Types of supports, developing targeted supports, Tier two and three strategies will be provided and discussed. Methods of discerning the differences of the tiered interventions will be addressed. This course emphasizes the development of an internal locus of control, self-regulation, and behavior change. A responsive classroom mind set will be presented while emphasizing the importance and centrality of developing an engaging classroom, community building and well organized and predictable environments. Systems will be presented for data collection, problem solving, intervention formation, assessment, data base creation and maintenance and a clear process for advancement in the MTSS process if data warrants this movement. The presentation and usage of the social emotional learning standards will be presented as central to the development of Tier one, two and three interventions. Methods of data collection and analysis will be presented. This course will analyze the PBIS process using

a critical theory lens and will focus on equity for all students and guarding against the "school to prison pipeline" often associated with existing PBIS plans.

**Prerequisites:** EDAD501

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 540 - Personal Leadership Dev**

# **EDAD 540 - Personal Leadership Dev**

### **3 Credit Hours**

This course is for potential educational leaders to: see their place in Educational Administration, provide a personal leadership assessment profile, establish personal benchmarks for leadership development and growth, develop an individualized leadership coaching plan, and receive personalized coaching. The class will utilize lecture, discussion, small group interaction, exercises, self-assessment instruments, and personalized action plans.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 543 - Supervision of Inst/Staff Pers**

# **EDAD 543 - Supervision of Inst/Staff Pers**

### **3 Credit Hours**

This course is a study of the role of the Supervisor of Instruction and Staff Personnel as part of administrative leadership in improving instructional programs through highly qualified personnel. It is designed to examine the role of the instructional supervisor within the context of an educational system and to provide the opportunity to apply this knowledge in the practical reality of the role. Students will identify the instructional supervisor's role in promoting effective instruction and student academic success; facilitate building capacity, supporting teachers, and improving instruction with all teachers; and summarize elements of effective recruitment, selection, support and compensation of a high qualified teaching staff, which is vitally important to ensure quality instruction is in every classroom.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 547 - Contemporary Problems of ED**

# **EDAD 547 - Contemporary Problems of ED**

### **1 - 3 Credit Hours**

Study of current problems that are proving perplexing within the multiple context of administration and leadership: finance, law, curriculum, philosophy, political, and research.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 548 - Principalship**

# **EDAD 548 - Principalship**

**3 Credit Hours**

This course is designed to incorporate both administrative theory and practice, especially as it relates to the role of the principal. There is a special emphasis on the changes in the role of principal as a result of demographic changes in society, state and local regulations, and in schools. Students will be exposed to information that is viewed as relevant and unique to the administration of schools. The information is based in part on legal and regulatory requirements that have been identified as essential for beginning administrators. The Conceptual Framework will be based on The Interstate Standards (ISLLC) and will be consistent with NCATE standards.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 560 - Pupil Pers Acctng & Records Mg**

## **EDAD 560 - Pupil Pers Acctng & Records Mg**

**3 Credit Hours**

Designed to prepare Kentucky school personnel for Director of Pupil Personnel.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 561 - Admin of Pupil Personnel Serv**

## **EDAD 561 - Admin of Pupil Personnel Serv**

**2 - 3 Credit Hours**

Duties and functions involved in administering pupil personnel services and in pupil accounting. Responsibilities of the director of pupil personnel. Systemized record management.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 562 - Political Structure & PR**

## **EDAD 562 - Political Structure & PR**

**3 Credit Hours**

Relations of school and community. Effective use of public relations media- press, radio, television. The political system, structures, and schools.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 563 - Sch Finance, Bus Aff / Phys**

## **EDAD 563 - Sch Finance, Bus Aff / Phys**

**3 Credit Hours**

Budgetary control, purchasing, food, supplies, equipment and machinery, school insurance, plant records, maintenance and repair, pupil transportation, utilization of facilities. In addition, the school construction process is reviewed and analyzed.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 564 - Admin of Staff Personnel**

## EDAD 564 - Admin of Staff Personnel

**3 Credit Hours**

Staff personnel program, hiring, fringe benefits, salary schedules, staff development and evaluation. Employer-employee relations, collective bargaining and contract management.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 565 - School Law I**

## EDAD 565 - School Law I

**3 Credit Hours**

Legal framework within which schools operate. Federal and state precedents. State code. Legal provisions for school finance.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 566 - School Finance & Economics**

## EDAD 566 - School Finance & Economics

**3 Credit Hours**

Current issues, financing American elementary and secondary education, revenue sources and expenditures. Ohio school financing. Economic system and cycles. The economy and its influence on the schools.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 570 - Policy Planning & Evaluation**

## EDAD 570 - Policy Planning & Evaluation

**3 Credit Hours**

Strategic planning, assessment and evaluation of educational programs and student achievement.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 572 - Educational Technology**

# **EDAD 572 - Educational Technology**

### **3 Credit Hours**

Addresses issues school administrators face as technology leaders and is based on the National Technology Standards for School Administrators. Topics include technology planning process; classroom technology integration; professional staff development; integrated infrastructures; technology program evaluation; social, legal, and ethical issues.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 660 - Curr Design & Teach Strategies**

# **EDAD 660 - Curr Design & Teach Strategies**

### **3 Credit Hours**

Theory and practice of curriculum design, development, implementation and evaluation. Correlates curriculum and teaching strategies. Includes formative and summative supervisory functions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 710 - Superintendent Seminar**

# **EDAD 710 - Superintendent Seminar**

### **3 Credit Hours**

The role of the school district superintendent is analyzed with reference to job responsibilities of the position: knowledge, skills and dispositions necessary to serve successfully in the position.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 771 - Internship:Principal I**

# **EDAD 771 - Internship:Principal I**

### **3 Credit Hours**

This course is the administrative internship that satisfies one of Ohio's requirements for the Administrative Licensure. The purpose of this course is to provide the student with an opportunity to work under the direction of a certified administrator/supervisor in an education setting to see how what is discussed in the classroom courses is practically applied

in the field. The internship consists of a minimum of 100 hours under the direction of an administrative mentor. The curriculum is based on the standards for preparation of the school administrator adopted by the Professional Associations (i.e. NAESP, NASSP, AASA, ASCD, NCATE.). The length of the internship spans two semesters (Internship: Principal I & Internship: Principal II, for a total of six semester hours.) For this course, Internship: Principal I, the internship will be mutually planned and supervised by the student, the professor, and the mentor. The internship will include at least one significant experience in at least two of the areas listed in the National Educational Leadership Preparation (NELP) or the Ohio Principal Standard Framework.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 772 - Admin Specialist Intern I**

# **EDAD 772 - Admin Specialist Intern I**

### **3 Credit Hours**

This course is the administrative internship that satisfies one of Ohio's requirements for the Administrative Licensure. The purpose of this course is to provide the student with an opportunity to work under the direction of a certified administrator/supervisor (e.g. curriculum director, pupil services, technology director, human resources etc.) in an education setting to see how what is discussed in the classroom courses is practically applied in the field. The internship consists of a minimum of 100 hours under the direction of an administrative mentor. The curriculum is based on the standards for preparation of the school administrator adopted by the Professional Associations (i.e. NAESP, NASSP, AASA, ASCD, NCATE.) The length of the internship spans two semesters (Admin Specialist Internship I and II) or this course, Internship: Principal I, the internship will be mutually planned and supervised by the student, the professor, and the mentor. The internship will include at least one significant experience in at least two of the areas listed in the National Educational Leadership Preparation (NELP) or the Ohio Principal Standard Framework.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 773 - Internship:Spec-Staff Pers I**

# **EDAD 773 - Internship:Spec-Staff Pers I**

### **3 Credit Hours**

All internships shall contain the following characteristics and components: The length of the internships will be a full academic year, consisting of two semesters. The internships will equal a total of six semester hours of credit. The internships will be mutually planned and supervised by Xavier University personnel and administrators from allied schools and organizations. School and other outside organizational personnel will also serve as mentors for the graduate students enrolled in the internships. The internships will be further implemented through a social systems approach; meaning that the student must have experiences with agencies and people outside the school structure. Examples would be social service agencies that assist the schools or are directly involved in services to children who are enrolled in schools. However, the internship will not be limited to agencies and people who have natural connections with the schools. Any experiences that will train the future administrator to successfully communicate with the community will be included. The internships will include at least one significant experience in each of the following four leadership areas: organizational leadership; strategic leadership; curriculum, instructional, staff development leadership; community, political leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 774 - Internship:Spec-Curr Inst I**

# **EDAD 774 - Internship:Spec-Curr Inst I**

### **3 Credit Hours**

All internships shall contain the following characteristics and components: The length of the internships will be a full academic year, consisting of two semesters. The internships will equal a total of six semester hours of credit. The internships will be mutually planned and supervised by Xavier University personnel and administrators from allied schools and organizations. School and other outside organizational personnel will also serve as mentors for the graduate students enrolled in the internships. The internships will be further implemented through a social systems approach; meaning that the student must have experiences with agencies and people outside the school structure. Examples would be social service agencies that assist the schools or are directly involved in services to children who are enrolled in schools. However, the internship will not be limited to agencies and people who have natural connections with the schools. Any experiences that will train the future administrator to successfully communicate with the community

will be included. The internships will include at least one significant experience in each of the following four leadership areas: organizational leadership; strategic leadership; curriculum, instructional, staff development leadership; community, political leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDAD 775 - Internship:Spec-Pupil Svcs I**

## **EDAD 775 - Internship:Spec-Pupil Svcs I**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDAD 776 - Internship:Spec-Sch/Com Relat**

## **EDAD 776 - Internship:Spec-Sch/Com Relat**

**3 Credit Hours**

All internships shall contain the following characteristics and components: The length of the internships will be a full academic year, consisting of two semesters. The internships will equal a total of six semester hours of credit. The internships will be mutually planned and supervised by Xavier University personnel and administrators from allied schools and organizations. School and other outside organizational personnel will also serve as mentors for the graduate students enrolled in the internships. The internships will be further implemented through a social systems approach; meaning that the student must have experiences with agencies and people outside the school structure. Examples would be social service agencies that assist the schools or are directly involved in services to children who are enrolled in schools. However, the internship will not be limited to agencies and people who have natural connections with the schools. Any experiences that will train the future administrator to successfully communicate with the community will be included. The internships will include at least one significant experience in each of the following four leadership areas: organizational leadership; strategic leadership; curriculum, instructional, staff development leadership; community, political leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDAD 777 - Internship:Spec-Vocational Ed**

## **EDAD 777 - Internship:Spec-Vocational Ed**

**3 Credit Hours**

All internships shall contain the following characteristics and components: The length of the internships will be a full academic year, consisting of two semesters. The internships will equal a total of six semester hours of credit. The internships will be mutually planned and supervised by Xavier University personnel and administrators from allied schools and organizations. School and other outside organizational personnel will also serve as mentors for the graduate students enrolled in the internships. The internships will be further implemented through a social systems approach; meaning that the student must have experiences with agencies and people outside the school structure. Examples would be social service agencies that assist the schools or are directly involved in services to children who are enrolled in schools. However, the internship will not be limited to agencies and people who have natural connections with the schools. Any experiences that will train the future administrator to successfully communicate with the community will be included. The internships will include at least one significant experience in each of the following four leadership areas: organizational leadership; strategic leadership; curriculum, instructional, staff development leadership; community, political leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*



## EDAD 778 - Adv Administrative Practicum

# EDAD 778 - Adv Administrative Practicum

### 3 Credit Hours

A 100 hour field experience in organizational, strategic, instructional, and community and political leadership. Class activities include administrative theory, resume writing, and in interview skills.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 779 - Internship:Superintendency I

# EDAD 779 - Internship:Superintendency I

### 3 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 781 - Internship:Principal II

# EDAD 781 - Internship:Principal II

### 3 Credit Hours

This course is the administrative internship that satisfies one of Ohio's requirements for the Administrative Licensure. The purpose of this course is to provide the candidate with an opportunity to work under the direction of a certified administrator/supervisor in an education setting to see how what is discussed in the classroom courses is practically applied in the field. The internship consists of a minimum of 100 hours under the direction of an administrative mentor. The curriculum is based on the standards for preparation of the school administrator adopted by the Professional Associations (i.e. NAESP, NASSP, AASA, ASCD, NCATE.). The length of the internship spans two semesters (Internship: Principal I & Internship: Principal II, for a total of six semester hours.) For this course, Internship: Principal II, the internship will be mutually planned and supervised by the student, the professor, and the mentor. The internship will include at least one significant experience in at least two of the areas listed in the National Educational Leadership Preparation (NELP) or the Ohio Principal Standard Framework and a capstone experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 782 - Admin Specialist Intern II

# EDAD 782 - Admin Specialist Intern II

### 3 Credit Hours

This course is the administrative internship that satisfies one of Ohio's requirements for the Administrative Licensure. The purpose of this course is to provide the student with an opportunity to work under the direction of a certified administrator/supervisor (e.g. curriculum director, pupil services, technology director, human resources etc.) in an education setting to see how what is discussed in the classroom courses is practically applied in the field. The internship consists of a minimum of 100 hours under the direction of an administrative mentor. The curriculum is based on the standards for preparation of the school administrator adopted by the Professional Associations (i.e. NAESP, NASSP, AASA, ASCD, NCATE.) The length of the internship spans two semesters. For this course, Internship: Principal I, the internship will be mutually planned and supervised by the student, the professor, and the mentor. The internship will include at least one significant experience in at least two of the areas listed in the National Educational Leadership Preparation (NELP) or the Ohio Principal Standard Framework.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 783 - Internship:Spec-Staff Pers II**

# **EDAD 783 - Internship:Spec-Staff Pers II**

### **3 Credit Hours**

All internships shall contain the following characteristics and components: The length of the internships will be a full academic year, consisting of two semesters. The internships will equal a total of six semester hours of credit. The internships will be mutually planned and supervised by Xavier University personnel and administrators from allied schools and organizations. School and other outside organizational personnel will also serve as mentors for the graduate students enrolled in the internships. The internships will be further implemented through a social systems approach; meaning that the student must have experiences with agencies and people outside the school structure. Examples would be social service agencies that assist the schools or are directly involved in services to children who are enrolled in schools. However, the internship will not be limited to agencies and people who have natural connections with the schools. Any experiences that will train the future administrator to successfully communicate with the community will be included. The internships will include at least one significant experience in each of the following four leadership areas: organizational leadership; strategic leadership; curriculum, instructional, staff development leadership; community, political leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 784 - Internship:Spec-Curr Inst II**

# **EDAD 784 - Internship:Spec-Curr Inst II**

### **3 Credit Hours**

All internships shall contain the following characteristics and components: The length of the internships will be a full academic year, consisting of two semesters. The internships will equal a total of six semester hours of credit. The internships will be mutually planned and supervised by Xavier University personnel and administrators from allied schools and organizations. School and other outside organizational personnel will also serve as mentors for the graduate students enrolled in the internships. The internships will be further implemented through a social systems approach; meaning that the student must have experiences with agencies and people outside the school structure. Examples would be social service agencies that assist the schools or are directly involved in services to children who are enrolled in schools. However, the internship will not be limited to agencies and people who have natural connections with the schools. Any experiences that will train the future administrator to successfully communicate with the community will be included. The internships will include at least one significant experience in each of the following four leadership areas: organizational leadership; strategic leadership; curriculum, instructional, staff development leadership; community, political leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDAD 785 - Internship:Spec-Pupil Svcs II**

# **EDAD 785 - Internship:Spec-Pupil Svcs II**

### **3 Credit Hours**

Administrative licensure requirements include a six-hour internship in the specific area for which licensure is being sought. The student is expected to actively participate in a specific dimension of leadership in the school and/or school district as well as other related agencies or groups. The student will work under the supervision of a Xavier faculty member and a designated school representative. The student will be expected to develop a portfolio during their internship.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 786 - Internship:Spec-Sch/Com Relat

# EDAD 786 - Internship:Spec-Sch/Com Relat

### 3 Credit Hours

All internships shall contain the following characteristics and components: The length of the internships will be a full academic year, consisting of two semesters. The internships will equal a total of six semester hours of credit. The internships will be mutually planned and supervised by Xavier University personnel and administrators from allied schools and organizations. School and other outside organizational personnel will also serve as mentors for the graduate students enrolled in the internships. The internships will be further implemented through a social systems approach; meaning that the student must have experiences with agencies and people outside the school structure. Examples would be social service agencies that assist the schools or are directly involved in services to children who are enrolled in schools. However, the internship will not be limited to agencies and people who have natural connections with the schools. Any experiences that will train the future administrator to successfully communicate with the community will be included. The internships will include at least one significant experience in each of the following four leadership areas: organizational leadership; strategic leadership; curriculum, instructional, staff development leadership; community, political leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 787 - Internship:Spec-Vocational Ed

# EDAD 787 - Internship:Spec-Vocational Ed

### 3 Credit Hours

All internships shall contain the following characteristics and components: The length of the internships will be a full academic year, consisting of two semesters. The internships will equal a total of six semester hours of credit. The internships will be mutually planned and supervised by Xavier University personnel and administrators from allied schools and organizations. School and other outside organizational personnel will also serve as mentors for the graduate students enrolled in the internships. The internships will be further implemented through a social systems approach; meaning that the student must have experiences with agencies and people outside the school structure. Examples would be social service agencies that assist the schools or are directly involved in services to children who are enrolled in schools. However, the internship will not be limited to agencies and people who have natural connections with the schools. Any experiences that will train the future administrator to successfully communicate with the community will be included. The internships will include at least one significant experience in each of the following four leadership areas: organizational leadership; strategic leadership; curriculum, instructional, staff development leadership; community, political leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 789 - Internship:Superintendency II

# EDAD 789 - Internship:Superintendency II

### 3 Credit Hours

This course is the internship that satisfies one of Ohio's requirements for the superintendent license in Ohio. The internship provides the student with an opportunity to work with a practicing school administrator in a school setting and to apply knowledge and skills learned in the classroom. The rationale and purposes of the internship are listed in the ELCC standards for the preparation of school leaders. Typically the intern will spend from 75-100 hours on activities and involvement in the school during the semester.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 802 - Information Mgmt & Eval

# EDAD 802 - Information Mgmt & Eval

**3 Credit Hours**

Determining what diagnostic information is needed about students, staff and the school environment: examining the extent to which outcomes meet or exceed previously defined standards, goals, or priorities for individuals or groups; drawing inferences from program revisions; interpreting measurements or evaluations of others; relating programs to desired outcomes; developing equivalent measures of competence; designing accountability mechanisms.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 804 - Curr Inst Supervision Lear Env**

## EDAD 804 - Curr Inst Supervision Lear Env

**3 Credit Hours**

An advanced study of the learning environment and climate with an emphasis on the competencies the students will need to engage in curriculum planning, decision-making, and evaluation. The course includes a study of supervisory models, and the organizational environment's impact on the climate for effective supervision.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 806 - Professional Devel & Human Res**

## EDAD 806 - Professional Devel & Human Res

**3 Credit Hours**

A study of the organization, facilitation, and evaluation of formative and summative professional development programs for both individuals and organization. Adult learning theory is emphasized. Students have an opportunity to research and practice problem solving and leadership skills as applied to HR issues. Class discussion promotes sharing of professional expertise. However, because of the sensitive nature of personnel issues, experiences are shared without identifying schools or individuals. Confidentiality must be respected for discussion of specific school problems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 812 - Financ Mgmt & Resource Allocat**

## EDAD 812 - Financ Mgmt & Resource Allocat

**3 Credit Hours**

A study of the changing market places of public, private, and parochial education as they relate to urban, suburban, and rural environments. Issues of vouchers, charter schools, privatization of public schooling and other related innovations in school finance and economics are included. The politics of the budgeting process and the economic theories of the equal distribution of wealth are also explored.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDAD 814 - Technology & Info Syst**

# EDAD 814 - Technology & Info Syst

## 3 Credit Hours

Through application in the advanced high-tech classroom and facilities of Xavier University and selected school sites with advanced technology, the student will study the impact of technology on learning and school operations, and explore potential technology used in student learning and school operations that do not currently exist.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 816 - Community and Media Relations

# EDAD 816 - Community and Media Relations

## 3 Credit Hours

An advanced course in educational public relations which is intended to help educational leaders facilitate the development of common perceptions about school issues with multiple constituencies, to further develop skills related to the interaction with internal and external public; to help the educational leader with an understanding of the ability to respond skillfully to the electronic and printed news media; to help them initiate and report news through appropriate channels; to manage school reputations ethically; to enlist public participation and support; and to recognize and provide for various markets.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 818 - Educ Law, Pub Pol and Poli Sys

# EDAD 818 - Educ Law, Pub Pol and Poli Sys

## 3 Credit Hours

An in-depth study of the law as it pertains to the function and role of the administrator in policy development, political systems, instructional leadership, disciplinary processes, building, facilities and auxiliary services management.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 820 - Leadership Theory

# EDAD 820 - Leadership Theory

## 3 Credit Hours

This course examines the process of leadership, delineating the leader's responsibility within the process. From historical to current leadership theories, leadership research, leadership principles, and theoretical concepts are addressed. This course also examines the differences between management and leadership and why those differences are important to the health of organizations. The class will utilize lecture, discussion, small group interaction, exercises, and self-assessment instruments.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 821 - Change Theory

# EDAD 821 - Change Theory

### 3 Credit Hours

Through this course the doctoral candidate will develop leadership characteristics necessary in changing organizations through an understanding and application of organizational leadership, motivational, and change theories models as they apply to organization transformation and management of dynamic systemic organizational change.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 822 - Organizational Theory

# EDAD 822 - Organizational Theory

### 3 Credit Hours

This course is designed to help students gain a more comprehensive understanding of theories and concepts related to organizational structure and processes as well as human attitudes, behavior, and performance within organizational settings.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 823 - Leadership Seminar

# EDAD 823 - Leadership Seminar

### 3 Credit Hours

This course is for leaders to: see their unique characteristics as a leader, provide a personal leadership assessment profile, establish personal benchmarks for leadership development and growth, develop an individualized leadership coaching plan, and receive personalized coaching. The class will utilize lecture, discussion, small group interaction, exercises, self-assessment instruments, and personalized action plans.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDAD 824 - Ethical Found of Leadership

# EDAD 824 - Ethical Found of Leadership

### 3 Credit Hours

This course will introduce the doctoral student to the ancient, modern, and contemporary theories on the ethical foundations of leadership with the goal that the student will be able to formulate and articulate his/her own ethical foundations of leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDCH 305 - Storytelling - Cultural Craft**

## **EDCH 305 - Storytelling - Cultural Craft**

**3 Credit Hours**

Study and practice in the art of storytelling. Emphasis on both classroom application and formal program presentation. This course is cross-listed with EDCH 505.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDCH 310 - Writing & Publish for Children**

## **EDCH 310 - Writing & Publish for Children**

**3 Credit Hours**

Detailed guidance for all aspects of teaching, using and developing writing for children, from workshop methods to pre-writing and revising, to issues of grammar and evaluation, to publication of various genre of writing. This course is cross-listed with EDCH 510.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDCH 315 - Adolescent Literature**

## **EDCH 315 - Adolescent Literature**

**3 Credit Hours**

Focused study of the literature available for classroom use of the adolescent. Current and classic authors and illustrators of both fiction and nonfiction studies.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDCH 320 - Multi-Cultural Lit for Childrn**

## **EDCH 320 - Multi-Cultural Lit for Childrn**

**3 Credit Hours**

Multi-culturism and the politics of Children's Literature. Study of literature by and about African Americans, Native Americans, Hispanics, and other racially, ethnically, and socially diverse people. Strategies for classroom use and selection. This course is cross-listed with EDCH 520.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDCH 324 - Children's Literature**

## **EDCH 324 - Children's Literature**

**3 Credit Hours**

Study of literature written for and about children. Survey of the history and content of children's literature through the study of various genres: picture books, traditional

literature, poetry, fiction, multicultural, nonfiction, and informational books for the emergent, transitional, and fluent readers. Focus will be on current literature and classroom application.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDCH 326 - Children's Lit for Middle Chil**

## **EDCH 326 - Children's Lit for Middle Chil**

### **3 Credit Hours**

Children's literature for the middle school licensure. Study of literary genre from picture books to non-fiction as it applies across the content curriculum of the middle school.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDCH 501 - Advanced Children's Literature**

## **EDCH 501 - Advanced Children's Literature**

### **3 Credit Hours**

Survey of the history and content of Children's literature through the study of various genre: picture books, traditional literature, poetry, fiction, nonfiction and informational books. Focus will be on current literature and classroom application.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDCH 505 - Storytelling as a Cultural Cra**

## **EDCH 505 - Storytelling as a Cultural Cra**

### **3 Credit Hours**

Study and practice in the art of storytelling. Emphasis on both classroom application and formal program presentation. This course is cross-listed with EDCH 305.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDCH 510 - Writing & Publishing for Child**

## **EDCH 510 - Writing & Publishing for Child**

### **3 Credit Hours**

Detailed guidance for all aspects of teaching, using and developing writing for children, from workshop methods to pre-writing and revising, to issues of grammar and evaluation, to publication of various genre of writing.



**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDCH 515 - Adolescent Literature**

## **EDCH 515 - Adolescent Literature**

#### **3 Credit Hours**

Focused study of literature available for classroom use of the adolescent. Current and classic authors and illustrators of both fiction and nonfiction studies examined. This course is cross-listed with EDCH 315.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDCH 520 - Multi-Cultural Lit for Childrn**

## **EDCH 520 - Multi-Cultural Lit for Childrn**

#### **3 Credit Hours**

Multi-culturism and the politics of Children's Literature. Study of literature by and about African Americans, Native Americans, Hispanics, and other racially, ethnically, and socially diverse people. Strategies for classroom use and selection. This course is cross-listed with EDCH 320.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDCH 524 - Children's Literature**

## **EDCH 524 - Children's Literature**

#### **3 Credit Hours**

Study of literature written for and about children. Survey of the history and content of children's literature through the study of various genres: picture books, traditional literature, poetry, fiction, multicultural, nonfiction, and informational books for the emergent, transitional, and fluent readers. Focus will be on current literature and classroom application.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDCH 525 - Analysis Child Lit Global Soc**

## **EDCH 525 - Analysis Child Lit Global Soc**

#### **3 Credit Hours**

Study of major works by several contemporary children's authors explored. Analysis of style, character development, theme, plot, and setting discussed. Literacy style of both male and female authors researched, analyzed, and compared.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDCH 526 - Children's Lit for Middle Chil**

# **EDCH 526 - Children's Lit for Middle Chil**

### **3 Credit Hours**

Children's literature for the middle school licensure. Study of literary genre from picture books to non-fiction as it applies across the content curriculum of the middle school. This course is cross-listed with EDCH 326.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEC 210 - Child Development**

# **EDEC 210 - Child Development**

### **3 Credit Hours**

Specific study of children ages three to 12, developmental differences, cultural and class differences in development, growth and health, developmentally appropriate practice in educational settings, assessment practices with children.

**Prerequisites:** Undergraduate level EDFD110 Minimum grade of C and (Undergraduate level EDFD100 Minimum grade of B or Undergraduate level EDEL100 Minimum grade of B)

**Course Attributes:** Social Science Elective Core, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEC 230 - Play in Early Childhood Educ**

# **EDEC 230 - Play in Early Childhood Educ**

### **3 Credit Hours**

Theory and practice concerning developmental aspects of play, creativity, imagination, and their relationship to music, movement, and creative drama. Teacher's role in preparation of the play environment, including issues of special needs children.

**Prerequisites:** Undergraduate level EDEC210 Minimum grade of C and (Undergraduate level EDFD100 Minimum grade of B or Undergraduate level EDEL100 Minimum grade of B) and Undergraduate level EDFD110 Minimum grade of C

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEC 300 - Studies in Early Childhood**

# **EDEC 300 - Studies in Early Childhood**

**3 Credit Hours**

A three credit hour course experienced in the city of Rome, Italy, will include visits to local schools for young children, Montessori, elementary schools, and the culturally diverse international schools of the city. Focus on environment, methods, and philosophy will include an introduction to American standards and practices for care of young children.

**Prerequisites:** (Undergraduate level EDFD100 Minimum grade of B or Undergraduate level EDEL100 Minimum grade of B) and Undergraduate level EDEC210 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDEC 325 - Methods of Observation/Collabo**

## EDEC 325 - Methods of Observation/Collabo

**3 Credit Hours**

Observation techniques, classroom management, assessment, parent and staff communication, and field practice in observation. Consultation/collaboration skills with child service professionals.

**Prerequisites:** Undergraduate level EDEC210 Minimum grade of C and (Undergraduate level EDFD100 Minimum grade of B or Undergraduate level EDEL100 Minimum grade of B) and Undergraduate level EDFD110 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDEC 330 - Math/Science Block-Early Chld**

## EDEC 330 - Math/Science Block-Early Chld

**9 Credit Hours**

Math and science instructional strategies, skills and content integrated with field experience in early childhood settings. Formal and informal assessment strategies. Ohio Academic Content Standards in Math and Science Programs reviewed. Adaptations and modifications for diverse learners. Field experiences.

**Prerequisites:** (Undergraduate level EDEC325 Minimum grade of C or Undergraduate level EDEC340 Minimum grade of C) and Undergraduate level EDEC210 Minimum grade of C

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDEC 331 - Early Childhood Math/Sci Cohrt**

## EDEC 331 - Early Childhood Math/Sci Cohrt

**4 Credit Hours**

This course is designed to prepare students to teach science and mathematics to children at age 3 to grade 3. Learning format consists primarily of hands-on, minds-on activities, demonstrations, peer teaching, class discussions, and field experiences. Attention to National and Ohio standards. Pre-requisite: Cohort admission and progression.

**Co-requisites:** EDEC336

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDEC 335 - Lang Arts/Social St-Early Chd**

# EDEC 335 - Lang Arts/Social St-Early Chd

## 9 Credit Hours

Instructional strategies. Oral and written language skills. Reading and children's literature for the integrated curriculum. Integrated language arts and social studies. Formal and informal assessment strategies. Ohio Model Competency-Based Language Arts and Social Studies Programs reviewed. Adaptations for diverse learners. Field work required.

**Prerequisites:** (Undergraduate level EDEC325 Minimum grade of C or Undergraduate level EDEC340 Minimum grade of C) and Undergraduate level EDCH324 Minimum grade of C and Undergraduate level EDRE269 Minimum grade of C and Undergraduate level EDRE312 Minimum grade of C and Undergraduate level EDEC210 Minimum grade of C

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDEC 336 - Early Childhood LA/Soc St Cohr

# EDEC 336 - Early Childhood LA/Soc St Cohr

## 4 Credit Hours

This course is designed to prepare students to integrate language arts and social studies using instructional strategies, oral and written language skills, reading and children's literature for the integrated curriculum, formal and informal assessment strategies, adaptations for diverse learners, as well as review the Ohio Model Competency - Based Language Arts and Social Studies Programs for children age 3 to grade 3. Requires Cohort admission and progression.

**Co-requisites:** EDEC331

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDEC 340 - Integrated Curr-Early Childhd

# EDEC 340 - Integrated Curr-Early Childhd

## 3 Credit Hours

Planning of integrated curriculum for preschool through primary grades. Developmentally appropriate practice. Ohio and local curriculum models. Formal and informal assessment strategies. Diverse populations of children in urban and suburban settings.

**Prerequisites:** (Undergraduate level EDFD100 Minimum grade of B or Undergraduate level EDEL100 Minimum grade of B) and Undergraduate level EDFD110 Minimum grade of C and Undergraduate level EDEC325 Minimum grade of C and Undergraduate level EDEC210 Minimum grade of C and (Undergraduate level EDEC330 Minimum grade of C or Undergraduate level EDEC335 Minimum grade of C)

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDEC 350 - Primary Integrated Art

# EDEC 350 - Primary Integrated Art

## 3 Credit Hours

Course objectives include exposure to art theory and experience with art techniques as appropriate in school environments for preschool and primary children. The integrated approach considers developmentally appropriate practices for enhancing all curricular areas in preschool through primary education. Application of Ohio Learning Standards for Fine Arts: perceiving/ knowing/creating, producing/performing and responding/reflecting will be applied in lesson planning. Current theories of art education examined, along with prominent programs for the development of creativity and the arts. Social-emotional aspects of learning through the arts will be correlated with prior knowledge of child development. The importance of the study of current neuroscience developments about the arts and learning will be introduced.

**Prerequisites:** EDEL100 and EDEC210 and EDCH324 and EDRE312 and ( EDEC330 or EDEC335)

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDEC 450 - Student Teaching Primary**

# **EDEC 450 - Student Teaching Primary**

**9 Credit Hours**

Fourteen weeks of supervised full day student teaching under a master teacher. Reflective practice and co-teaching. Student teaching is under the daily guidance of a qualified cooperating teacher and regular supervision visits from the assigned University supervisor.

**Prerequisites:** EDEC330 and EDEC335 and EDEL351

**Co-requisites:** EDEC451

**Levels:** Undergraduate

*College of Professional Sci School of Education*

### **EDEC 451 - Primary Student Teaching Sem**

# **EDEC 451 - Primary Student Teaching Sem**

**3 Credit Hours**

Seminar addresses pertinent issues in teacher licensure, professional development, and career preparation. Capstone portfolio required.

**Prerequisites:** EDEC330 and EDEC335 and EDEL351

**Co-requisites:** EDEC450

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDEC 454 - Cohort Stud Teach Primary**

# **EDEC 454 - Cohort Stud Teach Primary**

**6 Credit Hours**

Fourteen weeks of supervised full day student teaching under a master teacher in an assigned P-5 classroom. Reflective practice and co-teaching. Student teaching is under the daily guidance of a qualified cooperating teacher and regular supervision visits from the assigned University supervisor.

**Co-requisites:** EDEC455

**Levels:** Undergraduate

*College of Professional Sci School of Education*

### **EDEC 455 - Cohort Primary Seminar**

# **EDEC 455 - Cohort Primary Seminar**

**3 Credit Hours**

Seminar addresses pertinent issues in teacher licensure, professional development, and career preparation. Capstone portfolio required. Graduate Cohort student teachers only.

**Co-requisites:** EDEC454

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDEC 555 - Early Childhood Care/Practices**

## **EDEC 555 - Early Childhood Care/Practices**

### **6 Credit Hours**

This course holistically examines aspects of working as an early childhood professional with families and children birth through age 8. Issues on the education and care of these young children with and without disabilities from various cultural and socioeconomic backgrounds will be studied. Issues include, but are not limited to, full day childcare, early intervention, early childhood special education, early childhood education, and best practices in facilitating young children's learning and development. The course content examines current theories, theorists, programs, and practices in early childhood care/education and child development. The course requires 20 hours of field experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDEC 558 - Play & Arts in Early Childhood**

## **EDEC 558 - Play & Arts in Early Childhood**

### **3 - 4 Credit Hours**

Theory and practice concerning developmental aspects of play and creativity and their relationship to music, movement, creative drama and the visual arts. Art production techniques. Active emphasis on age appropriate art activities as well as student's own artistic development. Teacher's role in preparation of environment for children from diverse backgrounds and special needs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Early Childhood Education Primary Education (P-5)

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDEL 100 - Introduction To Education**

## **EDEL 100 - Introduction To Education**

### **3 Credit Hours**

This course provides an introduction to the foundational, philosophical and organizational patterns of United States education. Topics include the review of history, philosophy, societal impact, and school culture. Lesson planning introduced. Required field experience.

**Course Attributes:** Immersive Learning Experience

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDEL 201 - Arts and Literacy**

## **EDEL 201 - Arts and Literacy**

### **2 Credit Hours**

Overview of the fine arts, an examination of the relationship of the arts to literacy, and application to elementary classroom arts integration. Field experiences.

**Prerequisites:** Undergraduate level ARTS221 Minimum grade of D and Undergraduate level MUSC120 Minimum grade of D or Undergraduate level MUSC121 Minimum grade of D and Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDEL251 Minimum grade of D and Undergraduate level EDFD140 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEL 251 - Instructional Technology**

# **EDEL 251 - Instructional Technology**

### **3 Credit Hours**

Methods and management for integrating educational technologies into the instructional design process and curricula. Applications will include, but not be limited to word processing, spreadsheets, multimedia presentation software, Web 2.0, Internet and other technological hardware resources and media. Assistive technologies for children with disabilities.

**Prerequisites:** EDEL100 or EDEL500 or EDFD100 or EDME551 or EDME351

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEL 260 - Cultural Diversity In Educ**

# **EDEL 260 - Cultural Diversity In Educ**

### **3 Credit Hours**

Issues of ethnicity, class, poverty, gender, religion, and schooling. Multicultural perspective in teaching/learning. Field experiences.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies

**Levels:** Undergraduate

*College of Professional Sci School of Education*

## **EDEL 311 - Teaching Science**

# **EDEL 311 - Teaching Science**

### **2 Credit Hours**

Curriculum integrated course in teaching science methods.

**Prerequisites:** Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDFD140 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEL 312 - Teaching Social Studies**

# **EDEL 312 - Teaching Social Studies**

### **2 Credit Hours**

Emphasis on social science curriculum, multicultural implications and instructional strategies.

**Prerequisites:** Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDEL251 Minimum grade of D and Undergraduate level EDFD140 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEL 313 - Language Arts Block**

# **EDEL 313 - Language Arts Block**

### **9 Credit Hours**

Major course that combines children's literature, reading and language arts methods with field experience in an elementary classroom. Field and clinical experiences required.

**Prerequisites:** Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDEL251 Minimum grade of D and Undergraduate level EDFD140 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEL 314 - Teaching Reading**

# **EDEL 314 - Teaching Reading**

### **3 Credit Hours**

Developmental process of reading, reading in the content areas, determining needs of children.

**Prerequisites:** Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDEL251 Minimum grade of D and Undergraduate level EDFD141 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEL 315 - Teaching Mathematics**

# **EDEL 315 - Teaching Mathematics**

### **3 Credit Hours**

Mathematics in the elementary school. Materials, methods, and content.

**Prerequisites:** Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDEL251 Minimum grade of D and Undergraduate level EDFD140 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEL 316 - Math and Science Block**

# **EDEL 316 - Math and Science Block**

### **6 Credit Hours**

Math and science teaching strategies, skills, and content integrated with field experience in an elementary classroom. Field and clinical experiences required.



**Prerequisites:** Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDEL251 Minimum grade of D and Undergraduate level EDFD140 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDEL 317 - Teaching Language Arts**

# **EDEL 317 - Teaching Language Arts**

#### **3 Credit Hours**

Curriculum, oral and written language, spelling, mechanics of writing, linguistics.

**Prerequisites:** Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDEL251 Minimum grade of D and Undergraduate level EDFD140 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDEL 318 - Social Studies/Multicult Block**

# **EDEL 318 - Social Studies/Multicult Block**

#### **5 Credit Hours**

Methods for teaching the social sciences with a multicultural perspective. Field work highlights cultural diversity. Field and clinical experiences required.

**Prerequisites:** Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDEL251 Minimum grade of D and Undergraduate level EDFD140 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDEL 326 - Children's Literature**

# **EDEL 326 - Children's Literature**

#### **3 Credit Hours**

Survey of literature available for elementary age children; how to use literature in the classroom.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDEL 327 - Adolescent Literature**

# **EDEL 327 - Adolescent Literature**

#### **3 Credit Hours**

Survey of literature available for adolescents; how to use literature in the classroom.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDEL 350 - Foundations of TESOL

# EDEL 350 - Foundations of TESOL

### 3 Credit Hours

EDEL 350 is designed to introduce the core foundations of second language acquisition. These foundations include, history of ESL teaching in the United States, legal obligations, content standards for English Language Learners (ELLs) and process of identification and services administered to ELLs. The course will be interactive and include technical supports for students to engage in conversation. Research will be explored and students will be required to critically read research and present upon a journal article. Students will understand the fundamentals of accommodation for ELLs both in the tutoring or sheltered environment and the content areas.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

## EDEL 351 - Instruct Strat for EL

# EDEL 351 - Instruct Strat for EL

### 3 Credit Hours

Instructional Strategies for English Learners is designed for both undergraduate and Master's level students. Participants of this course will learn about second language acquisition, cultural transmission, legal requirements for serving English Learner (ELs), explore state content standards for English Language Proficiency, and learn methodology such as Sheltered Instruction Observation Protocol that content teachers may utilize in instruction with English Learners.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDEL 352 - Culturally Responsive Teaching

# EDEL 352 - Culturally Responsive Teaching

### 3 Credit Hours

Culturally Responsive Teaching for English Language Learners is designed to address cultural competence, teaching strategies and increasing funds of knowledge regarding cultural differences. An in depth study of culturally responsive practice will be explored, including self-examination of culture. ESL teachers encounter students internationally and nationally and need to be able to code switch from various cultures and to understand how culture impacts learning and achievement.

**Course Attributes:** Diversity Flag

**Levels:** Undergraduate

*College of Professional Sci School of Education*

## EDEL 353 - Effective Assessment Practices

# EDEL 353 - Effective Assessment Practices

### 3 Credit Hours

Effective Assessment Practices for ELLs, will explore different avenues for assessment and bridge the gap regarding cultural bias in assessment. Students will examine strategies to assess reading, writing, listening and speaking and will learn measures of English Language Proficiency. Participants will learn to select appropriate assessments for their students and learn to differentiate between learning and language barriers. Various rubrics and authentic assessments will be investigated and utilized by participants.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

## EDEL 354 - Aspects of Lang & Socioling

# EDEL 354 - Aspects of Lang & Socioling

## 3 Credit Hours

Aspects of Language and Sociolinguistics will explore more in-depth second language acquisition including how L1 [native language] affects L2 [second language] and language transfer. The teaching of grammar, syntax and structure will be explored including differences for English Language Learners. Aspects of intercultural communication will be covered. Participants will develop an appreciation for home culture and native language (L1) and how to use it effectively in instruction. Students will understand and apply knowledge of social, political and psychological variables that affect education. Students will explore technical supports and supplemental aides for effective instruction of ELLS.

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

*College of Professional Sci School of Education*

## EDEL 370 - Junior Field Experience

# EDEL 370 - Junior Field Experience

## 2 Credit Hours

Observation, teaching and evaluation; major subject areas: reading, language arts, mathematics, social studies, and science.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDEL 401 - Non Violent Crisis Intervent

# EDEL 401 - Non Violent Crisis Intervent

## 0 - 1 Credit Hours

This course will train students and professionals how to deal effectively with clients who are angry and whose behavior is escalating out of control. This course emphasizes the use of techniques that will prevent physical crisis but will also present non-violent physical intervention technique training as well. A series of research-based protocols will be presented, demonstrated and explained that have proven to be best practice in de-escalating violent behaviors.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

## EDEL 440 - Transition to Intermediate Gra

# EDEL 440 - Transition to Intermediate Gra

## 3 Credit Hours

Course studies development of the 9-11 year old child within the context of the classroom, with emphasis on developmentally appropriate teaching strategies and management.

**Prerequisites:** EDEC330 or EDEC335

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Levels:** Undergraduate

*College of Professional Sci School of Education*

## EDEL 441 - Intermediate Math Methods

# EDEL 441 - Intermediate Math Methods

**2 Credit Hours**

This course examines the discipline of math as it relates the content and practices in grades 4-6 based on the Ohio Learning Standards for Mathematics, (revised 2017). It is designed to prepare classroom teachers with an early childhood background to teach inquiry based mathematics at the intermediate level.

**Prerequisites:** EDEC330

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDEL 442 - Intermediate Science Methods**

# EDEL 442 - Intermediate Science Methods

**2 Credit Hours**

This course examines the discipline of science as it relates to the content, practices, and themes in grades 4-6 based on Ohio's Learning Standards and Model Curriculum for Science (adopted 2018-2019) and the Next Generation Science Standards. It is designed to prepare classroom teachers with an early childhood background to teach inquiry-based science at the intermediate level.

**Prerequisites:** EDEC330 and EDEC335

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDEL 443 - Inter Language Arts Methods**

# EDEL 443 - Inter Language Arts Methods

**2 - 3 Credit Hours**

Course designed to prepare primary teachers with the content, knowledge, and skills for grades four to six in the areas of writing, reading, speaking, and listening, as specified in the Ohio Learning Standards for English Language Arts, 2017. Grade appropriate College and Career Readiness Literacy Standards are aligned with content in Social Studies, Mathematics and Science.

**Prerequisites:** EDEC330 and EDEC335

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDEL 444 - Inter Social Studies Methods**

# EDEL 444 - Inter Social Studies Methods

**2 Credit Hours**

The course examines the discipline of social studies, and provides the primary teacher with the content, knowledge, and skills required to teach grades four and five. Content based on the Ohio Learning Standards for Social Studies, 2018, including examination of sixth grade content. Course content will be organized around the four disciplines of history, geography, government, and economics. In addition, essential skills of civic literacy, financial and economic literacy and global awareness will be linked to 21st Century skills such as problem solving, communication, media literacy and leadership.

**Prerequisites:** EDEC330 and EDEC335

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDEL 471 - Elem Student Teaching & Semina**

## **EDEL 471 - Elem Student Teaching & Semina**

**9 Credit Hours**

Classroom teaching, five days a week for 15 weeks.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDEL 472 - Curr Design & Teach Strategies**

## **EDEL 472 - Curr Design & Teach Strategies**

**3 Credit Hours**

Final preparation course for entry into the profession. Integrates the diverse learning of classroom and field work.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDEL 474 - Elem Stu Tea & Sem: Spec Ed DH**

## **EDEL 474 - Elem Stu Tea & Sem: Spec Ed DH**

**9 Credit Hours**

Classroom teaching, five days a week for 15 weeks.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDEL 477 - Elem Stu Tea & Sem: Spec Ed SL**

## **EDEL 477 - Elem Stu Tea & Sem: Spec Ed SL**

**9 Credit Hours**

Classroom teaching, five days a week for 15 weeks.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDEL 498 - Independent Study**

## **EDEL 498 - Independent Study**

**1 - 3 Credit Hours**

Readings and assignments under direction of professor.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDEL 500 - Classroom Culture**

# **EDEL 500 - Classroom Culture**

### **3 Credit Hours**

Required course for graduates seeking initial certification in elementary education. Course examines the historical basis of American education, curriculum, and instruction. Emphasis on suitability for teaching. Field experiences required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 501 - MTSS & Support I: Academic**

# **EDEL 501 - MTSS & Support I: Academic**

### **3 Credit Hours**

The purpose of this course is to provide a framework of understanding for establishing an MTSS system that supports all students in the academic realm for students who are "at risk". This will include establishing, organizing, assessing a school wide MTSS program. The course content will be presented through a critical theory lens and a social justice frame of reference Types of supports, developing targeted supports, Tier one, two and three strategies will be provided and discussed. This may also include discussions of academic support for EL students and advanced students. Systems will be presented for data collection, problem solving, intervention formation, assessment, and a clear process for advancement in the MTSS process if data warrants this movement. The course will emphasize ELA, including reading, writing, listening, and speaking, mathematical examples of Tier one and Tier two interventions. The presentation and use of the academic content standards- extended will be central to this course and the development of all interventions. There will also be an emphasis of applying both behavioral and academic supports in the development of academic interventions. Methods of data collection and analysis will be presented. A critical theory lens will be used to evaluate the equity of the academic supports developed.

**Prerequisites:** EDEL500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 502 - MTSS & Behavioral Intervention**

# **EDEL 502 - MTSS & Behavioral Intervention**

### **3 Credit Hours**

The purpose of this course is to provide a framework of understanding for establishing an MTSS system that supports all students in developing an internal locus of control. Often also called Positive Behavioral Intervention Supports (PBIS) this will include establishing, organizing, assessing a school wide MTSS program. The development of a rigorous Tier One System will be emphasized. Types of supports, developing targeted supports, Tier two and three strategies will be provided and discussed. Methods of discerning the differences of the tiered interventions will be addressed. This course emphasizes the development of an internal locus of control, self-regulation, and behavior change. A responsive classroom mind set will be presented while emphasizing the importance and centrality of developing an engaging classroom, community building and well organized and predictable environments. Systems will be presented for data collection, problem solving, intervention formation, assessment, data base creation and maintenance and a clear process for advancement in the MTSS process if data warrants this movement. The presentation and usage of the social emotional learning standards will be presented as central to the development of Tier one, two and three interventions. Methods of data collection and analysis will be presented. This course will analyze the PBIS process using a critical theory lens and will focus on equity for all students and guarding against the "school to prison pipeline" often associated with existing PBIS plans.

**Prerequisites:** EDEL501

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 511 - Teaching Science**

# **EDEL 511 - Teaching Science**

### **2 Credit Hours**

Curriculum integrated course in science.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 512 - Teaching Social Studies**

# **EDEL 512 - Teaching Social Studies**

### **2 Credit Hours**

Curriculum, multicultural applications.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 514 - Teaching Reading**

# **EDEL 514 - Teaching Reading**

### **3 Credit Hours**

Developmental process of reading, reading in the content areas, determining needs of children.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 515 - Teaching Mathematics**

# **EDEL 515 - Teaching Mathematics**

### **3 Credit Hours**

The modern mathematics curriculum in the elementary school. Materials, methods, and content.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDEL 517 - Teaching Language Arts

# EDEL 517 - Teaching Language Arts

### 3 Credit Hours

Curriculum, oral, and written language, spelling, mechanics of writing, linguistics. Multicultural implications.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDEL 518 - Social Studies/Multicult Block

# EDEL 518 - Social Studies/Multicult Block

### 5 Credit Hours

Methods for teaching the social sciences with a multicultural perspective. Field work highlights cultural diversity. Field and clinical experiences required.

**Prerequisites:** Undergraduate level EDEL100 Minimum grade of D and Undergraduate level EDEL251 Minimum grade of D and Undergraduate level EDFD140 Minimum grade of D and Undergraduate level EDFD142 Minimum grade of D

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDEL 526 - Children's Literature

# EDEL 526 - Children's Literature

### 3 Credit Hours

Survey of literature available for elementary age children; how to use literature in the classroom.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDEL 527 - Adolescent Literature

# EDEL 527 - Adolescent Literature

### 3 Credit Hours

Survey of literature available for adolescents; how to use literature in the classroom.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDEL 550 - Mathematics as Second Lang



# EDEL 550 - Mathematics as Second Lang

## 3 Credit Hours

This course lays the groundwork for the Vermont Mathematics Initiative courses that follow. A major theme is the understanding of algebra and arithmetic through language. The objective is to provide a solid conceptual understanding of the operations of arithmetic, as well as the interrelationships among arithmetic, algebra, and geometry. Topics include arithmetic vs. algebra; solving equations; place value and the history of counting; inverse processes; the geometry of multiplication; the many faces of division; rational vs. irrational numbers; and the one-dimensional geometry of real numbers. In K-12 application of content, teachers will examine the Ohio Mathematics Common Core Standards and Model Curriculum in Number/ Number Sense and demonstrate an understanding of how the concepts associated with this strand of mathematics develop across the grades.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDEL 551 - Algebra and Functions

# EDEL 551 - Algebra and Functions

## 3 Credit Hours

This course builds upon the prior course Mathematics as a Second Language and extends and reinforces the learning from that course. Participants will obtain deep understanding of the concept of a function, utilize functions in problem solving, appreciate the pervasiveness of the function idea in the K-8 mathematics curriculum as well as everyday life, and engage in a variety of problem-solving activities that relate directly to the K-8 mathematics classroom. Topics include functions, graphs, inverse functions, linear functions, the algebra and geometry of straight lines, solving linear equations and inequalities, and an introduction to nonlinear functions. In K-12 application of content, teachers will examine the Ohio Mathematics Common Core Standards and Model Curriculum in Number/ Number Sense and Algebraic Thinking and demonstrate an understanding of how the concepts associated with this strand of mathematics develop across the grades.

**Prerequisites:** EDEL550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDEL 552 - Algebra and Geometry II

# EDEL 552 - Algebra and Geometry II

## 3 Credit Hours

This course builds on the arithmetic, algebra, and geometry developed in prior courses. The first part of the course develops the subject of trigonometry from the perspective of the K-8 mathematics classroom. Topics include similar triangles, the trigonometric functions and their graphs, the number pi, and applications to measurement, wave motion, and problem solving. The second part of the course continues the study of algebra from the perspective of K-8 mathematics. Topics include quadratic functions, parabolas, and related problem solving. Teachers will relate their learning to the K-8 classroom by examining the Ohio Mathematics Common Core Standards and Model Curriculum to identify the foundational concepts of Trigonometry. Also, teachers will develop effective content-based questioning techniques and explore the components of building successful mathematics lessons.

**Prerequisites:** EDEL550 and EDEL551 and EDEL553 and EDEL554 and EDEL557

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDEL 553 - Measurement Geometry Prob

# EDEL 553 - Measurement Geometry Prob

### **3 Credit Hours**

This course builds on prior courses in algebra and geometry. Topics include measurement (length, area and volume), experimental and theoretical probability, and the ways in which these concepts develop across the elementary, middle and high school curricula. Topics are presented in the context of problem solving, and there is an emphasis on reinforcing one's understanding of functions, function notation, and topics from algebra. In K -12 application of content, teachers will examine the Ohio Mathematics Common Core Standards and Model Curriculum in Measurement, Geometry and Probability and demonstrate an understanding of how the concepts associated with this strand of mathematics develop across the grades.

**Prerequisites:** EDEL550 and EDEL551 and EDEL554

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDEL 554 - Number Theory**

## **EDEL 554 - Number Theory**

### **3 Credit Hours**

This course builds upon the prior course Mathematics as a Second Language and Functions and Algebra and extends and reinforces the learning from those courses. This course introduces teachers to the branch of mathematics known as number theory, in which one studies properties of positive integers with respect to the operations of multiplication and division. Emphasis in this course is placed on the mathematical content of number theory and on how number theory is taught in grades K -8, with particular attention to student learning of number theory in these grades. Topics include the division algorithm, properties of prime and composite numbers, the sieve of Eratosthenes as a way of understanding distributions of primes and composites, the infinitude of primes, the fundamental theorem of arithmetic, properties of the greatest common factor and methods of computing the greatest common factor including the Euclidean algorithm, properties of least common multiples, use of base ten and expanded notation, writing numbers and computing in different bases, and arithmetic progressions. In K-12 application of content, teachers will examine the Ohio Mathematics Common Core Standards and Model Curriculum in Number/ Number Sense and Algebraic Thinking and demonstrate an understanding of how the concepts associated with this strand of mathematics develop across the grades.

**Prerequisites:** EDEL550 and EDEL551

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDEL 555 - Math Specialist Assess Pract**

## **EDEL 555 - Math Specialist Assess Pract**

### **3 Credit Hours**

This course is specifically designed to enable the graduate student and practicing professional the opportunity to work in a clinical math assessment and targeted tutoring setting. It is time for the master teacher, completing his/her Elementary Math Specialist Endorsement to put learned theory into practice.

**Prerequisites:** EDEL550 and EDEL551 and EDEL552 and EDEL553 and EDEL554 and EDEL556 and EDEL557

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDEL 556 - Algebra & Geometry For Teacher**

## **EDEL 556 - Algebra & Geometry For Teacher**

### **3 Credit Hours**

This course continues the study of functions, algebra, and geometry from prior CVMI courses. In this course the focus is on exponential processes and inverse processes, with an emphasis on problem solving. Topics include the laws of exponents; the transition from simple to compound interest; calculations with compound interest; exponential functions, including domain, range, graph, and different bases; logarithm functions as the inverse of exponential functions; the natural base e and natural logarithms; applications to growth and decay; applications of logarithms in everyday life; and the history of exponential functions and logarithms. This course, and the ones that precede it, ready the participant for the year-long curriculum project. Participants study current research on mathematics education and analyze the mathematics content and teaching skills necessary to help students

develop additive, multiplicative, and proportional reasoning. The year-long curriculum project involves the collection and analysis of student work, the adaptation or creation of lessons designed to build high-level mathematics understanding, learning about and engaging in formative assessment in the mathematics classroom, and examining the continuum of concept development in the elementary and middle grades.

**Prerequisites:** EDEL550 and EDEL551 and EDEL552 and EDEL553 and EDEL554 and EDEL557

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 557 - Stats, AR, Inq Into Eff Pract**

# **EDEL 557 - Stats, AR, Inq Into Eff Pract**

### **3 Credit Hours**

This course provides an introduction to statistics and begins to incorporate research in mathematics education. Topics include graphical and numerical organization and presentation of data, summary statistics for quantitative data, measures of relationship between variables, and inference from sample data to populations. This course forms the foundation for later work in statistics and school-based research, and is followed by the completion of a small-scale classroom inquiry. The inquiry allows participants to bring together the research they read with the statistics they learn to formulate the study, develop an intervention, and analyze the resulting data.

**Prerequisites:** EDEL550 and EDEL551 and EDEL553 and EDEL554

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 560 - Cultural Diversity In Educ**

# **EDEL 560 - Cultural Diversity In Educ**

### **3 Credit Hours**

This course introduces students to various issues embedded within the concepts of diversity, education and a pluralistic society. Students will gain an understanding of the change in demographics within our society and how they are reflected in the process of schooling.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 600 - Differentiated Math Strategies**

# **EDEL 600 - Differentiated Math Strategies**

### **3 Credit Hours**

This course is designed to prepare both special educators and classroom teachers with the knowledge and skills needed to collaborate, co-teach and remediate elementary mathematics. Benchmark Strategies and techniques will be explored to enable all students to meet the standards and improve performance on high stakes assessment. Ohio Academic Mathematics Content Standards will be examined in context with the latest NCTM publication, Curriculum Focal Points for Pre-Kindergarten through Grade 8 mathematics, which prioritizes the focus of mathematics in a more coherent, focus taken from NCTM, Principles and Standards for teaching Mathematics. The general learning format for the course will consist primarily of hands-on, minds-on activities, demonstrations, peer teaching, class discussions and collaboration between classroom teachers and special educators. Participants are required to be active in their own learning and to be reflective about information presented in this course, their own teaching and the learning of elementary math students.

**Prerequisites:** Graduate level EDSP622

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 601 - Non Violent Crisis Intervent**

# **EDEL 601 - Non Violent Crisis Intervent**

### **0 - 1 Credit Hours**

This course will train students and professionals how to deal effectively with clients who are angry and whose behavior is escalating out of control. This course emphasizes the use of techniques that will prevent physical crisis but will also present non-violent physical intervention technique training as well. A series of research-based protocols will be presented, demonstrated and explained that have proven to be best practice in de-escalating violent behaviors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 610 - Graduate Cohort Field Intern**

# **EDEL 610 - Graduate Cohort Field Intern**

### **3 Credit Hours**

0

**Prerequisites:** EDEC555 and EDEL500

**Co-requisites:** EDEL603, EDEL604, EDEL605, EDEL606

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 620 - Themes & Research in Education**

# **EDEL 620 - Themes & Research in Education**

### **1 - 3 Credit Hours**

Through independent study, this course provides an opportunity to pursue a topic or project in education under the direction of a professor. Approval of the department chair is required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 640 - Trans for Intermediate Grades**

# **EDEL 640 - Trans for Intermediate Grades**

### **1 Credit Hours**

Course studies development of the 9-11 year old child within the context of the classroom, with emphasis on developmentally appropriate teaching strategies and management.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDEL 641 - Intermediate Math Methods**

## **EDEL 641 - Intermediate Math Methods**

#### **2 Credit Hours**

This course examines the discipline of math as it relates the content and practices in grades 4-6 based on the Ohio Learning Standards for Mathematics, (revised 2017). It is designed to prepare classroom teachers with an early childhood background to teach inquiry based mathematics at the intermediate level.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDEL 642 - Intermediate Science Methods**

## **EDEL 642 - Intermediate Science Methods**

#### **2 Credit Hours**

This course examines the discipline of science as it relates to the content, practices, and themes in grades 4-6 based on Ohio's Learning Standards and Model Curriculum for Science (adopted 2018-2019) and the Next Generation Science Standards. It is designed to prepare classroom teachers with an early childhood background to teach inquiry-based science at the intermediate level.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDEL 643 - Inter Language Arts Methods**

## **EDEL 643 - Inter Language Arts Methods**

#### **2 Credit Hours**

Course designed to prepare primary teachers with the content, knowledge, and skills for grades four to six in the areas of writing, reading, speaking, and listening, as specified in the Ohio Learning Standards for English Language Arts, 2017. Grade appropriate College and Career Readiness Literacy Standards are aligned with content in Social Studies, Mathematics and Science.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDEL 644 - Inter Social Studies Methods**

## **EDEL 644 - Inter Social Studies Methods**

#### **2 Credit Hours**

The course examines the discipline of social studies, and provides the primary teacher with the content, knowledge, and skills required to teach grades four and five. Content based on the Ohio Learning Standards for Social Studies, 2018, including examination of sixth grade content. Course content will be organized around the four disciplines of history, geography, government, and economics. In addition, essential skills of civic literacy, financial and economic literacy and global awareness will be linked to 21st Century

skills such as problem solving, communication, media literacy and leadership.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 650 - Foundations of TESOL**

# **EDEL 650 - Foundations of TESOL**

### **3 Credit Hours**

This course is designed to introduce the core foundations of second language acquisition. These foundations include, history of ESL teaching in the United States, legal obligations, content standards for English Language Learners (ELLs) and process of identification and services administered to ELLs. The course will be interactive and include technical supports for students to engage in conversation. Research will be explored and students will be required to critically read research and present upon a journal article. Students will understand the fundamentals of accommodation for ELLs both in the tutoring or sheltered environment and the content areas.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 651 - Instr Strat For EL**

# **EDEL 651 - Instr Strat For EL**

### **3 Credit Hours**

Instructional Strategies for English Learners is designed for both undergraduate and Master's level students. Participants of this course will learn about second language acquisition, cultural transmission, legal requirements for serving English Learner (ELs), explore state content standards for English Language Proficiency, and learn methodology such as Sheltered Instruction Observation Protocol that content teachers may utilize in instruction with English Learners.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 652 - Culturally Responsive Teaching**

# **EDEL 652 - Culturally Responsive Teaching**

### **3 Credit Hours**

Culturally Responsive Teaching for English Language Learners is designed to address cultural competence, teaching strategies and increasing funds of knowledge regarding cultural differences. An in depth study of culturally responsive practice will be explored, including self-examination of culture. ESL teachers encounter students internationally and nationally and need to be able to code switch from various cultures and to understand how culture impacts learning and achievement.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDEL 653 - Effective Assessment Practices**

# **EDEL 653 - Effective Assessment Practices**

**3 Credit Hours**

This course will explore different avenues for assessment and bridge the gap regarding cultural bias in assessment. Students will examine strategies to assess reading, writing, listening and speaking and will learn measures of English Language Proficiency. Participants will learn to select appropriate assessments for their students and learn to differentiate between learning and language barriers. Various rubrics and authentic assessments will be investigated and utilized by participants.

**Prerequisites:** EDEL650 and ( EDRE269 or EDRE569)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDEL 654 - Aspects of Language and Socio**

# EDEL 654 - Aspects of Language and Socio

**3 Credit Hours**

This course will explore more in-depth second language acquisition including how L1 [native language] affects L2 [second language] and language transfer. The teaching of grammar, syntax and structure will be explored including differences for English Language Learners. Aspects of Intercultural communication will be covered. Participants will develop an appreciation for home culture and native language (L 1) and how to use it effectively in instruction. Students will understand and apply knowledge of social, political and psychological variables that affect education. Students will explore technical supports and supplemental aides for effective Instruction of ELLS.

**Prerequisites:** EDEL650 and ( EDRE269 or EDRE569)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDFD 110 - Advanced Human Development**

# EDFD 110 - Advanced Human Development

**3 Credit Hours**

An introductory course presenting theories on human growth, development, and learning. Students will apply theories in course activities including observations, media presentations, and film reviews. Students will develop and demonstrate observational skills and practices in writing educational reports. Students will develop an understanding of thematic stages of development and their application to life long learning from birth to adolescence. Students will demonstrate an understanding of the physical, cognitive, and social/emotional domains of development and the developmental effects of family, culture, and other environmental factors. Required field experience in diverse settings. 6 field hours.

**Course Attributes:** Social Science Elective Core

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDFD 299 - Academic Rigor in Education**

# EDFD 299 - Academic Rigor in Education

**0 Credit Hours**

0

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDFD 499 - Special Study**

## **EDFD 499 - Special Study**

**1 - 3 Credit Hours**

Permission of department chair required.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDFD 500 - History/Philosophy of Am Educ**

## **EDFD 500 - History/Philosophy of Am Educ**

**3 Credit Hours**

The major philosophical, historical, and social influences affecting education in American society. Incorporates professional ethics and values for administrators.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDFD 503 - Advanced Educational Psych**

## **EDFD 503 - Advanced Educational Psych**

**3 Credit Hours**

Major aspects of child, adolescent and adult growth and development. The learn process and factors influencing learning.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDFD 504 - Psych & Learn Theory & Practic**

## **EDFD 504 - Psych & Learn Theory & Practic**

**3 Credit Hours**

Curricular and instructional decisions on research applied theory, informed practice, and recommendations of learned societies with regard to cognitive development, human development, learning styles, contemporary methodologies, and content priorities. Students needs based on gender, ethnicity, culture, social class, and exceptionalities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDFD 505 - Org of Ed Systems in U.S.**

## **EDFD 505 - Org of Ed Systems in U.S.**



**3 Credit Hours**

Relationships of the federal, the state, and the local government to public and private education. Administrative functions as operable in the elementary, middle and secondary school. Multicultural implications.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDFD 507 - Educational Research**

# EDFD 507 - Educational Research

**3 Credit Hours**

Methodology of educational research. Statistics in research. Locating educational research. Requires a research project and paper

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDFD 508 - Educational Research Paper**

# EDFD 508 - Educational Research Paper

**1 Credit Hours**

This course is taken in conjunction with EDFD 507 and requires a research project and paper. Co-requisite: EDFD 507

**Co-requisites:** EDFD507

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDFD 510 - Adv Human Develop & Learning**

# EDFD 510 - Adv Human Develop & Learning

**3 Credit Hours**

An advanced course presenting theories on human growth, development, and learning. Students will apply theories in course activities including observations, media presentations, and film reviews. Students will develop and demonstrate observational skills and practices in writing educational reports. Students will develop an understanding of thematic stages of development and their application to life-long learning from birth to adolescence. Students will demonstrate an understanding of the physical, cognitive, and social/emotional domains of development and the developmental effects of family, culture, and other environmental factors. Required field experience in diverse settings - 5 hours.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDFD 572 - Educational Technology**

# EDFD 572 - Educational Technology

## 3 Credit Hours

Computer technology for school management within the administrative functions of pupil personnel, staff personnel, financial management, and non-instructional services.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDFD 576 - Ethics for Educators

# EDFD 576 - Ethics for Educators

## 2 Credit Hours

This workshop offers a means of professional and personal development appropriate for educators as they face ethical difficulties, moral dilemmas, value conflicts and challenges. Lecture, discussion, problem-solving, role-playing, field based experiences, video, journal, essays, and short fiction.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDFD 825 - Statistical Methods

# EDFD 825 - Statistical Methods

## 3 Credit Hours

This course covers descriptive and inferential statistics including measures of central tendency and dispersion, simple correlation and regression, one sample z and t-tests, two sample independent and dependent t-tests, and chi-square.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDFD 826 - Advanced Statistics

# EDFD 826 - Advanced Statistics

## 3 Credit Hours

This course will effectively help the student use the SPSS statistical package to analyze data, explain and apply multivariate data analysis approaches and their application to different quantitative research designs, interpret correctly the results of the data analyses, and formulate and write the results section of a research report that is suitable for a dissertation or refereed journal.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDFD 827 - Qualitative Methodology

# EDFD 827 - Qualitative Methodology

## 3 Credit Hours

This course will focus upon the use of qualitative methods for educational research. Methods such as interviewing, focus groups, participant observation, and ethnography will be taught and practiced. The final research proposal requires students to implement selected methods from this course and to become familiar with one area of the research literature in the field.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDFD 828 - Data Analysis In Educ Res

# EDFD 828 - Data Analysis In Educ Res

## 3 Credit Hours

Using statistical reasoning in applied situations, candidates will determine the appropriate statistics to use in a given situation, conduct the analysis of the data, interpret the results, and present the findings in a format suitable for a dissertation or a journal article.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDFD 829 - Educ / Psych Measurement

# EDFD 829 - Educ / Psych Measurement

## 3 Credit Hours

This is a course in measurement and instrument development covering the basics of reliability, validity, classical test theory, item writing, instrument development, interpretation of standardized test scores, and evaluation and use of standardized achievement, aptitude, and personality instruments.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDFD 830 - Dissertation Design

# EDFD 830 - Dissertation Design

## 3 Credit Hours

This course provides direction, support, and assistance to the students in the Xavier University doctoral program for the purpose of developing a dissertation proposal. The course is focused on the topics, skills, and methods required for successful completion of the student's dissertation research.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDMC 212 - Nature & Needs of Adolescents

# EDMC 212 - Nature & Needs of Adolescents

## **3 Credit Hours**

Development of young adolescents in family and society. Health and safety. Risk behaviors.

**Prerequisites:** (Undergraduate level EDFD100 Minimum grade of B or Undergraduate level EDEL100 Minimum grade of B or Graduate level EDEL500 Minimum grade of B) and (Undergraduate level EDFD110 Minimum grade of C or Graduate level EDFD503 Minimum grade of B or Graduate level EDFD510 Minimum grade of B)

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDMC 325 - Arts in Ed: Middle Childhood**

# EDMC 325 - Arts in Ed: Middle Childhood

## **3 Credit Hours**

Art, music, and drama integrated into the middle school curriculum.

**Prerequisites:** Undergraduate level EDMC212 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDMC 340 - Middle School Phil & School Or**

# EDMC 340 - Middle School Phil & School Or

## **3 Credit Hours**

The varied roles of the middle school teacher in the school community. Goals, philosophy and mission of middle childhood education. Pre-requisite: EDFD 100 and 200 level courses

**Prerequisites:** Undergraduate level EDMC212 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDMC 345 - Middle Child Class Mgmt Assess**

# EDMC 345 - Middle Child Class Mgmt Assess

## **3 Credit Hours**

Observation techniques, classroom management, parent and staff communication, and field experience in assessment and classroom management. A co-requisite of EDMC 351,352,353 or 354 is required.

**Prerequisites:** Undergraduate level EDMC340 Minimum grade of C and Undergraduate level EDMC212 Minimum grade of C

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDMC 351 - Middle Childhood Lang Art Meth

# EDMC 351 - Middle Childhood Lang Art Meth

### 3 Credit Hours

Observation techniques, classroom management, and practice with curriculum design and assessment. Effective teaching and management strategies. Field experiences.

**Prerequisites:** Undergraduate level EDMC340 Minimum grade of B and Undergraduate level EDMC345 Minimum grade of B

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDMC 352 - Middle Childhood Math Methods

# EDMC 352 - Middle Childhood Math Methods

### 3 Credit Hours

Mathematics in the Middle School. Teaching strategies, management techniques, methods, model curricula, assessment, and integration with other subject fields. Classroom, clinical, and field settings.

**Prerequisites:** Undergraduate level EDMC340 Minimum grade of B and Undergraduate level EDMC345 Minimum grade of B

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDMC 353 - Middle Childhood Science Meth

# EDMC 353 - Middle Childhood Science Meth

### 3 Credit Hours

Theory and research will provide a foundation for science teaching. Hands on active teaching strategies; integration of science content; the nature of science; use of electronic educational technology; science and society issues; assessment for student outcomes; classroom management and safety for the science classroom. Field work required.

**Prerequisites:** Undergraduate level EDMC340 Minimum grade of B and Undergraduate level EDMC345 Minimum grade of B

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDMC 354 - Middle Childhood Soc Stud Meth

# EDMC 354 - Middle Childhood Soc Stud Meth

### 3 Credit Hours

Content of social studies disciplines integrated into a comprehensive plan of instruction. Age appropriate methods, curricula, and assessment for the middle school learner. Classroom, clinical, and field settings.

**Prerequisites:** Undergraduate level EDMC340 Minimum grade of B and Undergraduate level EDMC345 Minimum grade of B

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMC 360 - Middle School Math Strategies**

# **EDMC 360 - Middle School Math Strategies**

#### **3 Credit Hours**

Mathematics in the middle school. Emphasis on content knowledge, teaching strategies, activities and resources to enable middle childhood math teachers to align their curriculum to the standards using a constructivist approach to mathematical learning.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMC 455 - Student Teaching: Middle Sch**

# **EDMC 455 - Student Teaching: Middle Sch**

#### **9 Credit Hours**

Fifteen week student teaching. Grade level chosen to broaden experience within 4-9 grade range. Both concentration fields taught. Focus on knowledge and skills expected for entry year teachers in the State of Ohio. Student teaching supervised and evaluated by cooperating teachers and university supervisors. Reflection and analysis emphasized.

**Prerequisites:** Undergraduate level EDMC340 Minimum grade of C and Undergraduate level EDMC345 Minimum grade of C

**Co-requisites:** EDMC456

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMC 456 - Sem: Current Issues in EDMC**

# **EDMC 456 - Sem: Current Issues in EDMC**

#### **3 Credit Hours**

This seminar will address pertinent issues to teacher certification, professional development and career preparation for the middle childhood teacher.

**Prerequisites:** Undergraduate level EDMC325 Minimum grade of C and Undergraduate level EDMC340 Minimum grade of C and Undergraduate level EDMC345 Minimum grade of C

**Co-requisites:** EDMC455

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMC 560 - Middle School Math Strategies**

# **EDMC 560 - Middle School Math Strategies**

#### **3 Credit Hours**

Mathematics in the middle school. Emphasis on content knowledge, teaching strategies, activities and resources to enable middle childhood math teachers to align their curriculum to the standards using a constructivist approach to mathematical learning.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 350 - Observation/Assessment Methods**

## **EDME 350 - Observation/Assessment Methods**

#### **3 Credit Hours**

This course supports the candidate's understanding of authentic assessment. Students will learn how to observe child development from ages 2.5-12 and the application of this information in supporting curriculum planning.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDME 351 - Montessori Ed: Phil Approach**

## **EDME 351 - Montessori Ed: Phil Approach**

#### **3 Credit Hours**

This course allows students an in-depth study of Dr. Montessori's pedagogical philosophy. Topics covered include: Montessori theory from infancy through adolescence, cosmic education, and spiritual education.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDME 352 - Mont Curr Des & Tch Strat I:Pr**

## **EDME 352 - Mont Curr Des & Tch Strat I:Pr**

#### **3 Credit Hours**

Within this class setting is an opportunity for reflection on the day-to-day implementation of the Montessori philosophy; review, application, and enrichment of curriculum; feedback on classroom management techniques; design of integrated, sequenced Montessori curriculum, alignment with state and national academic content standards; and record keeping. Includes current educational research and trends in education.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDME 353 - Mont Math & Geometry Methods**

## **EDME 353 - Mont Math & Geometry Methods**

#### **3 Credit Hours**

Montessori Math and Geometry materials, methods, and instructional strategies for the 6 to 9 year old child. Course content includes progression from concrete to abstract materials, the four operations, math process, fact based materials, the foundations of Geometry-plane figures, angles, lines, triangles, quadrilaterals, and polygons. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Levels:** Graduate Undergraduate

**EDME 354 - Mont Language Arts & Read Meth**

## **EDME 354 - Mont Language Arts & Read Meth**

**3 Credit Hours**

Montessori materials, methods, and instructional strategies for the teaching of phonics, word study, creative writing, mechanics, grammar to the 6 to 9 year old child. Literature integrated across the curriculum unit of study developed. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Levels:** Graduate Undergraduate

**EDME 355 - Mont Cultural Subjects Method**

## **EDME 355 - Mont Cultural Subjects Method**

**3 Credit Hours**

Montessori materials, methods, and instructional strategies for the Montessori Cultural subjects and cosmic education for the elementary classroom. Course content includes Montessori history, geography, botany, and zoology. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Levels:** Graduate Undergraduate

**EDME 356 - Mont Integration of Curr: Prim**

## **EDME 356 - Mont Integration of Curr: Prim**

**3 Credit Hours**

Course designed as a seminar for candidates in Montessori elementary classrooms during their second semester of Practicum. During this course, candidates solidify their understanding, application, and enrichment of the integrated Montessori cosmic curriculum. Learning experiences in the areas of differentiated instruction, and understanding and application of state and national education data.

**Levels:** Graduate Undergraduate

**EDME 359 - Community & Advocacy in Educ**

## **EDME 359 - Community & Advocacy in Educ**

**3 Credit Hours**

Research supported theories and issues concerning developmentally appropriate practices for early childhood centers, birth to eight years of age. Topics include: Day Care Licensing, transitions, administration, use of community resources, children's home experiences, child abuse, program planning, making adaptations for the special needs child, and parent involvement. Students will participate in field experiences in classrooms with children from births to eight years of age.

**Course Attributes:** ERS Focus Elective, Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate



## **EDME 362 - Phonics and Orton-Gillingham**

# **EDME 362 - Phonics and Orton-Gillingham**

### **3 Credit Hours**

This course provides a comprehensive study of the English language and the Orton-Gillingham approach to teaching children to read and spell. It includes extensive studies of the characteristics of dyslexia, the patterns of the English language, multisensory techniques for teaching the elements of literacy, and the application of skills through practice activities. The skills taught in the course are based on current research on the characteristics and needs of children with difficulties in the area of literacy, including brain research, and best teaching practices. The participants will learn about dyslexia and appropriate approaches for teaching children with learning difficulties. With the complexity of both dyslexia and the English language, the participants develop a deep appreciation for ongoing research and study so that they continue to refine their skills. They complete the course with a respect for the children and a desire to serve as them, as both teachers and advocates.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

## **EDME 363 - Human Development**

# **EDME 363 - Human Development**

### **3 Credit Hours**

This course introduces candidates to early childhood development. Content includes basic developmental theory as well as current research in development and the application of theory in developmentally appropriate classroom curriculum development and instruction.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDME 364 - Early Childhood/Mont Meth**

# **EDME 364 - Early Childhood/Mont Meth**

### **3 Credit Hours**

Instructional strategies for the development of the senses, gross motor, fine motor, independent living activities, art and music.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDME 366 - Mont Curr Des&Te Strat I:Ea Ch**

# **EDME 366 - Mont Curr Des&Te Strat I:Ea Ch**

### **3 Credit Hours**

This seminar course supports the candidate's knowledge in managing all aspects of the classroom environment. Topics include community leadership, classroom management, instructional strategies for cross curricular planning, adaptations for a diverse population, and the alignment of Montessori curriculum to the state of Ohio content standards.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDME 367 - Mont Curr Des&Te Strat II:Ea C**

# **EDME 367 - Mont Curr Des&Te Strat II:Ea C**

**3 Credit Hours**

This seminar course supports the candidate's knowledge in managing all aspects of the classroom environment. Topics include community leadership, classroom management, instructional strategies for cross curricular planning, adaptations for a diverse population, and the alignment of Montessori curriculum to the state of Ohio content standards.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDME 370 - Montessori 9-12 Math I & II**

## **EDME 370 - Montessori 9-12 Math I & II**

**4 Credit Hours**

Montessori Math methods and materials for the 9 to 12 year old child. Concepts, integrated with the Ohio Academic Content Standards, include multiples and factors, fractions, decimals, percentage, integers, algebra, squaring and cubing, and problem solving strategies. Supplemental resources, assessments, and lesson plans created.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDME 371 - Montessori 9-12 Geometry Curr**

## **EDME 371 - Montessori 9-12 Geometry Curr**

**2 Credit Hours**

Students will study the Advanced Montessori Geometry methods and materials for the 9-12 year old child. Concepts, integrated with the Ohio Academic Content Standards, include angles, lines, triangles, quadrilaterals, polygons, area, volume, and the Pythagorem Theorem. Supplemental resources, assessments, and lesson plans created.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDME 372 - Montessori 9-12 Geog & Hist**

## **EDME 372 - Montessori 9-12 Geog & Hist**

**2 Credit Hours**

Students will study the advanced Montessori methods and materials for the 9-12 year old child. Content includes Ohio history, government, and geography; United States and North American history, government, and geography; World/Ancient Civilizations, economic and functional geography. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDME 373 - Montessori 9-12 Botany & Zoo**

## **EDME 373 - Montessori 9-12 Botany & Zoo**

**2 Credit Hours**

Montessori Biology methods and materials for the 9-12 year old child. Course content includes plant and animal classification, internal functions of vertebrates and invertebrates, types of plants, anatomy and physiology. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDME 374 - Montessori 9-12 Physical Sci**

## **EDME 374 - Montessori 9-12 Physical Sci**

#### **2 Credit Hours**

In this course, students explore and investigate the Montessori methods and materials for the 9 to 12 year old child, and instructional strategies for Chemistry, Physics, Geology, and Meteorology. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDME 375 - Montessori 9-12 Language & Lit**

## **EDME 375 - Montessori 9-12 Language & Lit**

#### **2 Credit Hours**

Montessori methods, materials, and instructional strategies for teaching of the writing process, advanced Grammar studies, recent Children's literature, and poetry. Cross curricular lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDME 376 - Phonics Skills for Early Chldh**

## **EDME 376 - Phonics Skills for Early Chldh**

#### **3 Credit Hours**

This course examines a child's development of language from birth to 9 years of age. Students receive instructional methodology in phonics skills, emergent reading, and the creative writing process in early childhood settings. Students develop skills in planning and aligning with the State of Ohio Content Standards.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDME 377 - Early Childhood Math & Science**

## **EDME 377 - Early Childhood Math & Science**

#### **3 Credit Hours**

Instructional strategies for teaching math to children from ages three to eight years of age. Students develop skills in planning and aligning with the State of Ohio Content Standards.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDME 470 - Mont Primary Practicum I**

## **EDME 470 - Mont Primary Practicum I**

**6 Credit Hours**

Elementary candidate's first semester student teaching/internship experience. During this 15 week experience, candidates are involved in the presentation and planning of Montessori lessons across all curriculum areas. Candidates work cooperatively with a credentialed Montessori teacher, developing skills of observation and assessment, classroom management, and instructional techniques of presenting individual, small, and large group activities.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDME 471 - Mont Primary Practicum II**

# EDME 471 - Mont Primary Practicum II

**6 Credit Hours**

The candidate will refine and enhance knowledge and experiences during the second, fifteen week student teaching/internship experience. Candidate will be involved in the presentation and planning of Montessori lessons across all curriculum areas. Candidates work cooperatively with a credentialed Montessori teacher, developing skills of observation and assessment, classroom management, and instructional techniques of presenting individual, small, and large group activities. In supporting the candidate's developing skills as a classroom teacher, this course provides opportunities for the application of knowledge in classroom planning, management, lesson presentation, and assessment.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDME 473 - Mont Early Childhood Pract I**

# EDME 473 - Mont Early Childhood Pract I

**6 Credit Hours**

This course is the first semester of a two semester practicum in which candidates experience both urban and suburban settings. During this 15 week field placement, candidates will become a part of a classroom's teaching team. They will have the opportunity to apply material knowledge and theory, observe and assess, plan for curriculum development and individual and group lessons. Students will experience a diverse population and learn strategies to support their skill building. Candidates are placed by Supervising Teachers.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDME 474 - Mont Early Childhood Pract II**

# EDME 474 - Mont Early Childhood Pract II

**6 Credit Hours**

This course is the second semester of a two semester practicum in both urban and suburban settings. During this 15 week field placement, candidates will become a part of a classroom's teaching team. They will have the opportunity to apply material knowledge and theory, observe and assess, plan for curriculum development and individual and group lessons. Students will experience a diverse population and learn strategies to support their skill building. Placement is determined by candidate's developmental outcomes in the previous semester.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDME 499 - Montessori Erdkinder**

# EDME 499 - Montessori Erdkinder

**3 Credit Hours**

This is a six day course on a working farm in North Carolina. Our stay on the farm will include riding and caring for the horses, working with other farm animals, learning about organic and sustainable farming, and learning typical crafts such as carving and knitting. During this experience participants form a strong community through seminars on stewardship and sustainability, shared work projects and activities that illustrate the cycle of life and death. This course is based on the writings of Dr. Maria Montessori and her belief that through purposeful work with the hand, the mind and spirit of the child develop.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDME 504 - Cognitive Development Overview**

## **EDME 504 - Cognitive Development Overview**

**0 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 508 - Early Childhood Overview**

## **EDME 508 - Early Childhood Overview**

**3 Credit Hours**

The Montessori Early Childhood Overview course provides an overview of the Montessori philosophy of education, particularly as it pertains to the 3-6-year-old child. The Early Childhood overview course offers the opportunity to explore, discover, and develop a solid understanding of the Montessori curriculum for 3-6 year-olds while obtaining a "real world" feel of the workings of the Montessori early childhood classroom with a particular focus on how these classrooms lay the essential foundation for the Lower Elementary experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 509 - Phil/Obs of Lower Elem. Child**

## **EDME 509 - Phil/Obs of Lower Elem. Child**

**3 Credit Hours**

The Philosophy / Observation of the Lower Elementary Child course provides candidates with the opportunity to study Dr. Montessori's major philosophical and pedagogical concepts with a particular emphasis on the lower elementary child (ages 6-9). Candidates will encounter the specific social, emotional, physical, and cognitive needs of the elementary child through Dr. Montessori's writings on the child in the second plane of development. Candidates will examine the role of the enlightened generalist educator as "saint, servant, and scientist" (observer, guide, and evaluator) offering an integrated curriculum to a diverse community of learners. As an online course, candidates will engage in dialogue through spoken and written forms the principles of Montessori education.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 511 - Intro to Curriculum**

## **EDME 511 - Intro to Curriculum**

**3 Credit Hours**

Gives the student an overview of Montessori philosophy and materials from the ages of 6-12 years, the elementary years. Students engage in hands-on learning experiences with the materials, as well as an understanding of the scope and sequence of them. Students will also gain an understanding of the curriculum and how it leads to the secondary level.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 512 - Montessori Classrooms**

# EDME 512 - Montessori Classrooms

**3 Credit Hours**

This course is designed to support the mission statement of the Department of Childhood Education & Literacy by following up on the Curriculum Development course taken the previous summer and emphasizing the development of support for school-family communication structures through the development of a handbook and school policies. Through readings and Socratic seminars, the candidates also explore the management of the open classroom designed for a diverse group of adolescents and that leads the adolescent to be responsible and respectful.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 513 - Montessori Curr Dev**

# EDME 513 - Montessori Curr Dev

**6 Credit Hours**

This course is designed to make future teachers better develop curriculum and coursework for a diverse population of adolescents through readings and experiences. It is expected that the candidate has an expert knowledge of the subject area in which he/she will create curriculum. Through examples of other curricula, candidates will be expected to create work for the adolescents that includes differentiation so all types of learners can be successful. Through excellent readings and the guidance of several teachers in this course, students are expected to create curriculum that inspires the adolescent, creates a curiosity about the subject matter, that connects the subject matter to the real world, and that meets state and local standards.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 516 - Montessori Ped of Place**

# EDME 516 - Montessori Ped of Place

**3 Credit Hours**

This course will follow-up on the groundwork laid in the Erdkinder EDME 499 course. Through a variety of readings and hands-on experiences students will learn how to encourage thoughtful yet provocative Socratic discussions. Candidates in this course take part in an urban adaptation to the Erdkinder course, in this case the study of the history and ethnic neighborhoods of Cincinnati, and at the same time create, develop, and write a Pedagogy of Place course that they will implement in their own school settings. As with all courses in this program, this course emphasizes the Erdkinder values of Peace, Community, Hardwork, Respect, and Peace. The courses that students develop are required to be highly rigorous academic field studies that inspire the student by helping them invest in the local community and by allowing them access to experts and community organizers who care deeply about their neighborhoods.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 550 - Observation/Assessment Methods

# EDME 550 - Observation/Assessment Methods

### 3 Credit Hours

The student will learn to observe the normal development of children from ages 2 1/2 to twelve years of age.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 551 - Montessori Ed: Phil Approach

# EDME 551 - Montessori Ed: Phil Approach

### 3 Credit Hours

This course allows students an in-depth study of Dr. Montessori's pedagogical philosophy. Topics covered include: Montessori theory from infancy through adolescence, cosmic education, and spiritual education.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 552 - Mont Curr Des & Te Strat: Pri

# EDME 552 - Mont Curr Des & Te Strat: Pri

### 3 Credit Hours

Within this class setting is an opportunity for reflection on the day-to-day implementation of the Montessori philosophy; review, application, and enrichment of curriculum; feedback on classroom management techniques; design of integrated, sequenced Montessori curriculum, alignment with state and national academic content standards; and record keeping. Includes current educational research and trends in education.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 553 - Mont Math & Geometry Methods

# EDME 553 - Mont Math & Geometry Methods

### 3 Credit Hours

Montessori Math and Geometry materials, methods, and instructional strategies for the 6 to 9 year old child. Course content includes progression from concrete to abstract materials, the four operations, math process, fact based materials, the foundations of Geometry-plane figures, angles, lines, triangles, quadrilaterals, and polygons. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 554 - Mont Language Arts & Read Meth

# EDME 554 - Mont Language Arts & Read Meth

### 3 Credit Hours

Montessori materials, methods, and instructional strategies for the teaching of phonics, word study, creative writing, mechanics, and grammar to the 6 to 9 year old child. Literature integrated across the curriculum unit of study developed. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 555 - Mont Cultural Subject Method

# EDME 555 - Mont Cultural Subject Method

### 3 Credit Hours

Montessori materials, methods, and instructional strategies for the Montessori Cultural subjects and cosmic education for the elementary classroom. Course content includes Montessori history, geography, botany, and zoology. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 556 - Mont Integration of Curr: Prim

# EDME 556 - Mont Integration of Curr: Prim

### 3 Credit Hours

Course designed as a seminar for candidates in Montessori elementary classrooms during their second semester of Practicum. During this course, candidates solidify their understanding, application, and enrichment of the integrated Montessori cosmic curriculum. Learning experiences in the areas of differentiated instruction, and understanding and application of state and national education data.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 557 - Montessori Language Enrichment

# EDME 557 - Montessori Language Enrichment

### 3 Credit Hours

Course designed to refine and enhance the Montessori teacher's philosophical application of the methods and materials for the teaching of phonics, creative writing, integrated cross curricular lesson plans, incorporation of culturally diverse picture and chapter books, and incorporation of higher level questioning strategies (Bloom's Taxonomy and Habits of Mind) into daily, developmentally appropriate practice. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate



*College of Professional Sci School of Education*

### **EDME 558 - Math And Geometry Enrichment**

## **EDME 558 - Math And Geometry Enrichment**

#### **3 Credit Hours**

Math and Geometry Enrichment Course is designed for the Master of Education degree at Xavier University. Its goal is to provide the graduate student with the knowledge of helping children to engage in mathematics in the context of the real world. Montessori materials as the central strategy for teaching mathematics for deep conceptual understanding will be used. This course will provide students with an immersion in inquiry-based mathematics teaching and will incorporate science, history, art, and writing. It will address different strategies and modifications to support the development of students with a variety of needs and abilities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 559 - Community & Advocacy in Educ**

## **EDME 559 - Community & Advocacy in Educ**

#### **3 Credit Hours**

Research supported theories and issues concerning developmentally appropriate practices for early childhood centers, birth to eight years of age. Topics include: Day Care Licensing, transitions, administration, use of community resources, children's home experiences, child abuse, program planning, making adaptations for the special needs child, and parent involvement. Students will participate in field experiences in classrooms with children from births to eight years of age.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 560 - Global Leadership**

## **EDME 560 - Global Leadership**

#### **3 Credit Hours**

The Montessori Global Leadership course provides students with research based practices for engaging diverse cultural communities involving all stakeholders for the benefit of the elementary aged child. Candidates will explore issues concerning developmentally appropriate practices for Montessori schools, with special attention paid to the elementary years. This course will empower candidates to advocate for high fidelity Montessori practices which embrace issues impacting children's physical, social, and emotional development.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 562 - Phonics and Orton-Gillingham**

## **EDME 562 - Phonics and Orton-Gillingham**

#### **3 Credit Hours**

This course provides a comprehensive study of the English language and the Orton-Gillingham approach to teaching children to read and spell. It includes extensive studies of the characteristics of dyslexia, the patterns of the English language, multisensory techniques for teaching the elements of literacy, and the application of skills through practice activities. The skills taught in the course are based on current research on the characteristics and needs of children with difficulties in the area of literacy, including brain research, and best teaching practices. The participants will learn about dyslexia and appropriate approaches for teaching children with learning difficulties. With the complexity of both dyslexia and the English language, the participants develop a deep appreciation for ongoing research and study so that they continue to refine their skills. They complete the course with a respect for the children and a desire to serve as them, as both teachers and advocates.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 563 - Human Development**

## **EDME 563 - Human Development**

### **3 Credit Hours**

This course introduces candidates to early childhood development. Content includes basic developmental theory as well as current research in development and the application of theory in developmentally appropriate classroom curriculum development and instruction.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 564 - Early Childhood/Montessori Met**

## **EDME 564 - Early Childhood/Montessori Met**

### **3 Credit Hours**

Instructional strategies for the development of the senses, gross motor, fine motor, independent living activities, art, and music.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 566 - Mont Curr Des&Te Strat I: Ea C**

## **EDME 566 - Mont Curr Des&Te Strat I: Ea C**

### **3 Credit Hours**

This seminar course supports the candidate's knowledge in managing all aspects of the classroom environment. Topics include community leadership, classroom management, instructional strategies for cross curricular planning, adaptations for a diverse population, and the alignment of Montessori curriculum to the State of Ohio Content Standards.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 567 - Mont Curr Des&Te Strat II:Ea C**

## **EDME 567 - Mont Curr Des&Te Strat II:Ea C**

**3 Credit Hours**

This seminar course supports the candidate's knowledge in managing all aspects of the classroom environment. Topics include community leadership, classroom management, instructional strategies for cross curricular planning, adaptations for a diverse population, and the alignment of Montessori curriculum to the State of Ohio Content Standards.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 570 - Mont 9-12 Math Curr**

## EDME 570 - Mont 9-12 Math Curr

**4 Credit Hours**

Montessori Math methods and materials for the 9 to 12 year old child. Concepts, integrated with the Ohio Academic Content Standards, include multiples and factors, fractions, decimals, percentage, integers, algebra, squaring and cubing, and problem solving strategies. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 571 - Mont 9-12 Geometry Curr**

## EDME 571 - Mont 9-12 Geometry Curr

**2 Credit Hours**

Students will study the Advanced Montessori Geometry methods and materials for the 9-12 year old child. Concepts, integrated with the Ohio Academic Content Standards, include angles, lines, triangles, quadrilaterals, polygons, area, volume, and the Pythagorem Theorem. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 572 - Mont 9-12 Geography& Hist Curr**

## EDME 572 - Mont 9-12 Geography& Hist Curr

**2 Credit Hours**

Students will study the advanced Montessori methods and materials for the 9-12 year old child. Content includes Ohio history, government, and geography; United States and North American history, government, and geography; World/Ancient Civilizations, economic and funtional geography. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 573 - Mont 9-12 Botany & Zoology Cur**

## EDME 573 - Mont 9-12 Botany & Zoology Cur

**2 Credit Hours**

Montessori Biology methods and materials for the 9-12 year old child. Course content includes plant and animal classification, internal functions of vertebrates and invertebrates, types of plants, anatomy and physiology. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 574 - Mont 9-12 Physical Science Cur**

## **EDME 574 - Mont 9-12 Physical Science Cur**

**2 Credit Hours**

In this course, students explore and investigate the Montessori methods and materials for the 9 to 12 year old child, and instructional strategies for Chemistry, Physics, Geology, and Meteorology. Lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 575 - Mont 9-12 Lang & Children's Li**

## **EDME 575 - Mont 9-12 Lang & Children's Li**

**2 Credit Hours**

Montessorie methods, materials, and instructional strategies for teaching of the writing process, advanced Grammar studies, recent Children's literature, and poetry. Cross curricular lessons integrated with state and national academic content standards. Supplemental resources, assessments, and lesson plans created.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 576 - Phonics Skills for Early Child**

## **EDME 576 - Phonics Skills for Early Child**

**3 Credit Hours**

This course examines a child's development of language from birth to 9 years of age. Students receive instructional methodology in phonics skills, emergent reading, and the creative writing process in early childhood settings. Students develop skills in planning and aligning with the State of Ohio Content Standards.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 577 - Early Childhood Math & Science**

## **EDME 577 - Early Childhood Math & Science**

**3 Credit Hours**

Instructional strategies for teaching math and sciences to children from ages three to eight years of age. Students develop skills in planning and aligning with the State of Ohio Content Standards.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 578 - Math Curr. & Instruct. I**

# EDME 578 - Math Curr. & Instruct. I

**3 Credit Hours**

The Montessori Mathematics Methods courses provide candidates the opportunity to explore, discover, and develop a solid understanding of Mathematics for children ages 5-9. The knowledge of the Montessori Mathematical numeration concepts and operations, algebraic reasoning, and problem-solving will be developed throughout the course. Lessons are integrated with state and national academic content standards. The Montessori philosophy will build a strong foundation for the Mathematics curriculum grades K-3. This course is paired with Mathematics Curriculum & Instruction II and is intended to be taken prior to EDME 579.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 579 - Mont Math Curric/ Instruct II**

# EDME 579 - Mont Math Curric/ Instruct II

**2 Credit Hours**

The Montessori Mathematics Methods courses provide candidates the opportunity to explore, discover, and develop a solid understanding of Mathematics for children ages 5-9. The knowledge of the Montessori Mathematical numeration concepts and operations, algebraic reasoning, and problem-solving will be developed throughout the course. Lessons are integrated with state and national academic content standards. The Montessori philosophy will build a strong foundation for the Mathematics curriculum grades K-3.

**Prerequisites:** EDME578

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDME 580 - Geometry Curr. & Instr. I**

# EDME 580 - Geometry Curr. & Instr. I

**1 Credit Hours**

The Montessori Geometry Methods courses provide candidates the opportunity to explore, discover, and develop a solid understanding of Geometry for children ages 5-9. The knowledge of Montessori Geometry constructs, transformations within the plane, algebraic reasoning, and problem solving will be developed throughout the semester. Lessons are integrated with state and national academic content standards. The Montessori philosophy and Mathematics will build a strong foundation for the Geometry curriculum grades K-3. This course is paired with Geometry Curriculum & Instruction II and is intended to be taken prior to EDME 581.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 581 - Geometry Curr. & Instr. II

# EDME 581 - Geometry Curr. & Instr. II

### 1 Credit Hours

The Montessori Geometry Methods courses provide candidates the opportunity to explore, discover, and develop a solid understanding of Geometry for children ages 5-9. The knowledge of Montessori Geometry constructs, transformations within the plane, algebraic reasoning, and problem solving will be developed throughout the semester. Lessons are integrated with state and national academic content standards. The Montessori philosophy and Mathematics will build a strong foundation for the Geometry curriculum grades K-3. The Montessori philosophy and Mathematics will build a strong foundation for the Geometry curriculum grades K-3.

**Prerequisites:** EDME580

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 582 - Language Curr. & Inst. I

# EDME 582 - Language Curr. & Inst. I

### 2 Credit Hours

The Montessori Language Methods courses provide candidates the opportunity to explore, discover, and develop a solid understanding of literacy for children ages 5-9. The knowledge of the oral language, reading and writing, the function of words, phonogram study, spelling, word study, mechanics, sentence analysis, and library/reference and research skills will be developed throughout the semester. The Montessori philosophy will build a strong foundation for the language curriculum grades K-3. This course is paired with Language Curriculum & Instruction II and is intended to be taken prior to EDME 583.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 583 - Language Curr. & Instr. II

# EDME 583 - Language Curr. & Instr. II

### 2 Credit Hours

The Montessori Language Methods course provides candidates the opportunity to explore, discover, and develop a solid understanding of literacy for children ages 5-9. The knowledge of the oral language, reading and writing, the function of words, phonogram study, spelling, word study, mechanics, sentence analysis, and library/reference and research skills will be developed throughout the semester. The Montessori philosophy will build a strong foundation for the language curriculum grades K-3.

**Prerequisites:** EDME582

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDME 584 - Integrated Cultural Studies I

# EDME 584 - Integrated Cultural Studies I

### 2 Credit Hours

The Montessori Integrated Cultural Studies courses provide candidates the opportunity to explore, discover, and develop a solid understanding of History, Geography, Biology, and Physical Science for children ages 5-9. The knowledge of the integrated Montessori cultural studies from History, Geography, Government and Economics, as well as natural

science studies from botany, zoology, ecology, earth science, physics, and chemistry will be developed throughout the semester. Lessons are integrated with state and national academic content standards. The Montessori philosophy and Mathematics will build a strong foundation for the integrated cultural studies curriculum grades K-3. This course is paired with Integrated Cultural Studies II and is intended to be taken prior to EDME 585.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDME 585 - Integrated Cultural Studies II**

# **EDME 585 - Integrated Cultural Studies II**

### **2 Credit Hours**

The Montessori Integrated Cultural Studies courses provide candidates the opportunity to explore, discover, and develop a solid understanding of History, Geography, Biology, and Physical Science for children ages 5-9. The knowledge of the integrated Montessori cultural studies from History, Geography, Government and Economics, as well as natural science studies from botany, zoology, ecology, earth science, physics, and chemistry will be developed throughout the semester. Lessons are integrated with state and national academic content standards. The Montessori philosophy and cultural studies will build a strong foundation for the Natural Sciences and curriculum grades K-3.

**Prerequisites:** EDME584

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDME 586 - Creative Development I**

# **EDME 586 - Creative Development I**

### **2 Credit Hours**

Creative Development I focuses on Health and Physical Education as well as Practical Living Skills in as embedded in the classroom setting. This course provides candidates the opportunity to explore, discover, and develop a solid understanding of the care of self and practical living skills for children ages 5-9 in the Montessori classroom. The knowledge of the Health, Physical Education (along with creative movement) and Practical Life in the Lower Elementary will be developed throughout the semester. Lessons are integrated with state and national academic content standards. The Montessori philosophy and cultural studies will build a strong foundation for the arts and movement curriculum grades K-3. This course is paired with Creative Development II and is intended to be taken prior to EDME 587.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDME 587 - Creative Development II**

# **EDME 587 - Creative Development II**

### **2 Credit Hours**

Creative Development II focuses on Music and Art in a Montessori context, providing candidates the opportunity to explore, discover, and develop a solid understanding of the performing and visual arts for children ages 5-9. The knowledge of the integrated Montessori arts and music will be developed throughout the semester. Lessons are integrated with state and national academic content standards. The Montessori philosophy and cultural studies will build a strong foundation for the arts and movement curriculum grades K-3.

**Prerequisites:** EDME584

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDME 601 - Mont Classroom Strategies**

# **EDME 601 - Mont Classroom Strategies**

### **3 Credit Hours**

The Curriculum Strategies course provides candidates with opportunities for preparation of child centric classrooms through a Montessori lens. In this course, candidates will have the opportunity to develop strategies for designing units of study that meet the social, emotional, and cognitive needs of children as a foundation for engaged learning. Candidates will explore Montessori's plan for elementary instruction (Cosmic Education) and apply this knowledge to rigorous academic content. Systems and structures that support effective lesson planning, instruction, and feedback within a culturally relevant and age appropriate context will be a main focus of this course.

**Prerequisites:** EDME600

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDME 602 - Montessori 9-12 Philosophy**

# **EDME 602 - Montessori 9-12 Philosophy**

### **3 Credit Hours**

This course will outline the specific developmental needs and nature of the Upper elementary child. Course readings and content will include specific examination of the philosophical foundations for this age group, based on the writings of Maria Montessori and others.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDME 603 - Montessori 9-12 Math**

# **EDME 603 - Montessori 9-12 Math**

### **4 Credit Hours**

To learn an approach to assist the analytical and creative abilities of the 9-12 year old child in a Montessori environment with a mathematics curriculum.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDME 604 - Montessori 9-12 Geometry**

# **EDME 604 - Montessori 9-12 Geometry**

### **2 Credit Hours**

To gain an understanding of the essential components of the Montessori Method with an emphasis on the 9-12 year old child. To demonstrate proficiency in regard to the Ohio Academic Content Standards for grades 4 and 5, with focused attention to the standards for Geometry and Probability, Measurement, and Data Analysis, and Probability

**Restrictions:** Must be enrolled in one of the following Levels: Graduate



**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 605 - Montessori 9-12 Language**

## **EDME 605 - Montessori 9-12 Language**

#### **2 Credit Hours**

The student will demonstrate competency in teaching the Montessori Language Arts and Literature curriculum for the 9-12-year-old student. The student will demonstrate competency in teaching Language Arts including Literature, Poetry, Grammar, Writing and Sentence Analysis for grades 4 through 6. The student will utilize the Montessori pedagogy to teach grade level content in the area of English Language Arts, using the Ohio Model Curriculum (based on the ELA Common Core Standards).

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 606 - Montessori Integrated Sci**

## **EDME 606 - Montessori Integrated Sci**

#### **4 Credit Hours**

This course will provide opportunities for the integration of Physical Science in the Montessori classroom for children ages 9-12. Candidates will present lessons and activities that integrate chemistry, geology, meteorology, and physics in a variety of classroom settings. The essence of Montessori's vision of cosmic education is reflected in this integration across the curriculum. This idea of cosmic education mirrors the idea of social justice in all disciplines and appreciation of all cultures.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 607 - Mont Integrated Social Studies**

## **EDME 607 - Mont Integrated Social Studies**

#### **2 Credit Hours**

To learn an approach to assist the 9-12-year-old student in the development of skills in History and Geography in a Montessori environment utilizing a variety of materials and teaching strategies.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 670 - Mont Primary Practicum I**

## **EDME 670 - Mont Primary Practicum I**

#### **3 Credit Hours**

Elementary candidate's first semester student teaching/internship experience. During this 15 week experience, candidates are involved in the presentation and planning of Montessori lessons across all curriculum areas. Candidates work cooperatively with a credentialed Montessori teacher, developing skills of observation and assessment, classroom management, and instructional techniques of presenting individual, small, and large group activities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDME 671 - Mont Primary Practicum II**

# **EDME 671 - Mont Primary Practicum II**

### **3 Credit Hours**

The candidate will refine and enhance knowledge and experiences during the second, fifteen week student teaching/internship experience. Candidate will be involved in the presentation and planning of Montessori lessons across all curriculum areas. Candidates work cooperatively with a credentialed Montessori teacher, developing skills of observation and assessment, classroom management, and instructional techniques of presenting individual, small, and large group activities. In supporting the candidate's developing skills as a classroom teacher, this course provides opportunities for the application of knowledge in classroom planning, management, lesson presentation, and assessment.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDME 673 - Mont Early Childhood Pract I**

# **EDME 673 - Mont Early Childhood Pract I**

### **3 Credit Hours**

This course is the first semester of a two semester practicum in which candidates experience both urban and suburban settings. During this 15 week field placement, candidates will become a part of a classroom's teaching team. They will have the opportunity to apply material knowledge and theory, observe and assess, plan for curriculum development and individual and group lessons. Students will experience a diverse population and learn strategies to support their skill building. Candidates are placed by Supervising Teachers.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDME 674 - Mont Early Childhood Pract II**

# **EDME 674 - Mont Early Childhood Pract II**

### **3 Credit Hours**

This course is the second semester of a two semester practicum in both urban and suburban settings. During this 15 week field placement, candidates will become a part of a classroom's teaching team. They will have the opportunity to apply material knowledge and theory, observe and assess, plan for curriculum development and individual and group lessons. Students will experience a diverse population and learn strategies to support their skill building. Placement is determined by candidate's developmental outcomes in the previous semester.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDME 680 - Mont Elem Practicum I**

# **EDME 680 - Mont Elem Practicum I**

### **3 Credit Hours**

Elementary candidate's initial 15 week student teaching/internship experience. Presentation and planning of Montessori lessons across all curriculum areas. Candidates work cooperatively with a credentialed Montessori teacher, implementing skills of observation and assessment, classroom management, and instructional techniques for presenting individual, small, and large group activities. Three seminars.

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 681 - Mont Elem Practicum II**

## **EDME 681 - Mont Elem Practicum II**

#### **3 Credit Hours**

Elementary candidate's final 15 week student teaching/internship experience. Presentation and planning of Montessori lessons across all curriculum areas. Candidates work collaboratively with a credentialed Montessori teacher, applying skills of observation and assessment, classroom management, and instructional techniques for presenting individual, small, and large group activities. Three seminars.

**Prerequisites:** EDME680

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 702 - Montessori Language Methods**

## **EDME 702 - Montessori Language Methods**

#### **0 - 3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 911 - Observation: Key to Clssrm Beh**

## **EDME 911 - Observation: Key to Clssrm Beh**

#### **1 Credit Hours**

Independent course that helps the student to observe in his/her classroom. Reflective journaling, timed observation and assessment tools are part of the curriculum.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDME 912 - Montessori Method Enrichment**

## **EDME 912 - Montessori Method Enrichment**

#### **1 - 3 Credit Hours**

This course serves to enrich and refine the Montessori classroom teacher's skills. It is designed for the student to pursue a specific topic or project in Montessori education. This independent study will be completed under the supervision of a fulltime faculty member. The specific requirements and number of credit hours will be determined by the professor and approved by the program director and department chairperson.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDMS 100 - Field Experience**

## **EDMS 100 - Field Experience**

#### **1 Credit Hours**

This course will provide structural field experiences in the middle or secondary school setting under the direction of and supervision of faculty. Weekly seminars are held on campus. Open to Graduate Students, ONLY. Field experience required.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

### **EDMS 131 - Professional Education**

## **EDMS 131 - Professional Education**

#### **3 Credit Hours**

This course provides an introduction to the teaching profession through a philosophical, historical and multicultural approach. The student will examine beliefs, motives, values and behaviors as they relate to the teaching profession. Field experiences are required.

**Course Attributes:** Immersive Learning Experience, Service Learning

**Levels:** Undergraduate

*College of Professional Sci School of Education*

### **EDMS 207 - World & Cultural Geography**

## **EDMS 207 - World & Cultural Geography**

#### **3 Credit Hours**

This course will provide students an understanding of the realms and regions of the world, including specifics of structure, location and issues.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMS 325 - Meth/Curr/Asmt in World Lang**

## **EDMS 325 - Meth/Curr/Asmt in World Lang**

#### **3 Credit Hours**

The methods, materials and current trends in teaching world languages in grades K - 12 will be studied. Field experiences are required. Pre-requisite: Permission of the Director of Secondary Education, Oral Proficiency Test.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMS 330 - Meth/Curr/Asmt in Mathematics**

## **EDMS 330 - Meth/Curr/Asmt in Mathematics**

#### **3 Credit Hours**

This course provides an introduction to the teaching methodologies, assessment techniques and curricular issues as they pertain to the teaching of mathematics. Field experiences are required.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMS 331 - Meth/Curr/Asmt in English Lang**

## **EDMS 331 - Meth/Curr/Asmt in English Lang**

#### **3 Credit Hours**

This course provides an introduction to curricular content, teaching methodology and assessment techniques as they pertain to candidates preparing for initial licensure in the teaching of English language arts. Field experiences are required.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMS 332 - Meth/Curr/Asmt in Science**

## **EDMS 332 - Meth/Curr/Asmt in Science**

#### **3 Credit Hours**

This course provides an introduction to teaching methodologies, safety issues, assessment techniques and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of science. Field experiences are required.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMS 333 - Meth/Curr/Asmt in Social St**

## **EDMS 333 - Meth/Curr/Asmt in Social St**

#### **3 Credit Hours**

This course provides an introduction to teaching methodologies, safety issues, assessment techniques and curricular issues as they pertain to candidates preparing for initial

licensure in the teaching of social studies. Field experiences are required.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMS 335 - Meth/Curr/Asmt in Ancient Lang**

## **EDMS 335 - Meth/Curr/Asmt in Ancient Lang**

### **3 Credit Hours**

This course provides an introduction to the teaching methodologies, assessment techniques, and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of Ancient Languages. Field experiences.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMS 336 - Methods Curr & Assment in Art**

## **EDMS 336 - Methods Curr & Assment in Art**

### **3 Credit Hours**

The course will prepare teacher licensure candidates for successful performance in the classroom. Specifically, students will study a variety of instructional strategies that are applicable to teaching in grades PK-12, with particular emphasis on active student participation, technology and media appropriate to the curriculum will be studied, students will become familiar with National and State Standards for education in the field of their licensure and State Standards for Teachers, planning and implementation of successful classroom experiences for all students will be discussed and developed, authentic assessment techniques will be discussed, principles of human development will be reviewed, teacher behaviors and beliefs that result in effective teaching will be discussed, fifty (50) hours of field experience will expose students to the performance of licensed educators and provide practical application of the concepts taught in this class.

**Course Attributes:** Immersive Learning Experience

**Levels:** Undergraduate

*College of Professional Sci School of Education*

### **EDMS 350 - Technology & Topics for Educat**

## **EDMS 350 - Technology & Topics for Educat**

### **3 Credit Hours**

This course explores topics which include technology in education, school law and teacher liability, classroom management, discipline and instructional planning.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDMS 411 - Clinical Experiences**

## **EDMS 411 - Clinical Experiences**

**1 Credit Hours**

Clinical experiences in the school, among childhood and middle school learners, and adolescent to young adult learners. Diagnosis of learning problems. Remediation. Assessment techniques and best practices. A weekly seminar. Field experiences are required. Proof of registration for all required state licensure tests must be shown to the Director for Secondary Education in order to receive permission to enroll in this course.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDMS 470 - Student Teaching AYA**

# EDMS 470 - Student Teaching AYA

**9 Credit Hours**

A weekly seminar and daily laboratory experience in secondary school teaching for one semester under a licensed master teacher. Prior to registration, the student must make a formal application by the stated deadline and meet the GPA and other requirements on file in the Education Department.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDMS 471 - Student Teaching: Multi-Age**

# EDMS 471 - Student Teaching: Multi-Age

**9 Credit Hours**

A weekly seminar and daily laboratory experience in the elementary and in the secondary school teaching for the entire semester under licensed master teachers. Prior to registration, the student must make a formal application by the stated deadline and meet the GPA and other requirements on file in the Education Department.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**EDMS 480 - Secondary Student Teaching Sem**

# EDMS 480 - Secondary Student Teaching Sem

**3 Credit Hours**

A weekly seminar that addresses pertinent issues in teacher licensure, professional development, and career preparation. Co-requisite: EDMS 470 or EDMS 471

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDMS 506 - Statistical Methods**

# EDMS 506 - Statistical Methods

**3 Credit Hours**

This course is intended for Master of Arts students providing the statistical knowledge for research methods in behavioral and social science research. The course covers (1)

measurement scales, (2) frequency tables and graphs, (3) measures of central tendency and variability, (4) transformed scores, (5) normal distributions, (6) sampling distributions, (7) hypothesis testing, (8) z test, t test, ANOVA-F test, and (9) Correlation and regression analysis. Emphasis is on the conceptual understanding of statistics within the context of research and the interpretation of statistical results. Calculators are required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDMS 507 - Planning For Ed Research**

# **EDMS 507 - Planning For Ed Research**

### **2 Credit Hours**

This is an introductory course in the fundamental concepts, principles and methods of educational research. It is a survey course that serves as a foundation for practitioners and provides an overview of Educational Research, its methods, and accomplishments. The research paper (EDMS 508), which is completed in conjunction with the course, requires the students to implement selected research methods from the course and to become familiar with one area of research literature.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDMS 508 - Research Paper**

# **EDMS 508 - Research Paper**

### **1 Credit Hours**

This is the Educational Research Paper that accompanies EDMS 507

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDMS 525 - Meth/Curr/Asmt in World Lang**

# **EDMS 525 - Meth/Curr/Asmt in World Lang**

### **3 Credit Hours**

The methods, materials and current trends in teaching foreign languages in grades K - 12 will be studied. Field experiences are required. Requires Permission of the Director of Secondary Education and Oral Proficiency Test.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDMS 530 - Meth/Curr/Asmt in Mathematics**

# **EDMS 530 - Meth/Curr/Asmt in Mathematics**



**3 Credit Hours**

This course provides an introduction to the teaching methodologies, assessment techniques and curricular issues as they pertain to the teaching of mathematics. Field experiences are required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDMS 531 - Meth/Curr/Asmt in English Lang**

# EDMS 531 - Meth/Curr/Asmt in English Lang

**3 Credit Hours**

This course provides an introduction to curriculum content, teaching methodology and assessment techniques as they pertain to candidates preparing for initial licensure in the teaching of English language arts. Field experiences are required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDMS 532 - Meth/Curr/Asmnt in Sciences**

# EDMS 532 - Meth/Curr/Asmnt in Sciences

**3 Credit Hours**

This course provides an introduction to teaching methodologies, safety issues, assessment techniques and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of science. Field experiences are required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience, Oral Communication Flag

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDMS 533 - Meth/Curr/Asmt in Social Studi**

# EDMS 533 - Meth/Curr/Asmt in Social Studi

**3 Credit Hours**

This course provides an introduction to teaching methodologies, assessment techniques and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of social studies. Field experiences are required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDMS 535 - Meth/Curr/Asmt in Ancient Lang

# EDMS 535 - Meth/Curr/Asmt in Ancient Lang

### 3 Credit Hours

This course provides an introduction to the teaching methodologies, assessment techniques, and curricular issues as they pertain to candidates preparing for initial licensure in the teaching of Ancient Languages. Field experiences.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDMS 550 - Technology & Topics for Teache

# EDMS 550 - Technology & Topics for Teache

### 3 Credit Hours

This course explores topics which include technology in education, school law and teacher liability, classroom management, discipline and instructional planning.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDMS 570 - Bring Your Own Device

# EDMS 570 - Bring Your Own Device

### 3 Credit Hours

This course will introduce teachers to a Bring Your Own Device initiative. BYOD initiatives are beginning to take place all over the country as a way to engage students with devices they already own and to save districts the cost of purchasing every child a computer. Devices that students bring to school can include laptops, tablets, eReaders, cell phones, smartphones or portable media players (like the iPod Touch). Teachers will gain experience with multiple devices, while creating an integrated unit utilizing the advantages of BYOD in their classrooms. Units will be developed over the course, while being informed by theoretical and empirical readings and group discussions. Teachers will also take a closer look at the challenges of teaching in a classroom with many different devices by implementing their unit and reflecting on and sharing classroom management strategies necessary to make a BYOD initiative effective.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDMS 572 - Cloud Computing

# EDMS 572 - Cloud Computing

### 3 Credit Hours

One challenge in integrating technology in the classroom today is the availability of the tools. In this course, teachers will gain experience with many free, cloud-based tools that can be used on any device, anytime and from anywhere there is Internet access. K-12 students who are proficient using technology tools in powerful ways will benefit both in college and career. The tools used in the class will all be available to students even after they graduate from high school. Teachers will gain experience integrating the tools with instruction. Units will be developed over the course, while being informed by theoretical and empirical readings and group discussions. Teachers will also gain an understanding of the benefits of incorporating technology with cloud-based tools as well as the importance of teaching the powerful use of the tools by implementing their unit and in reflecting on and sharing instructional and classroom management strategies.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDMS 574 - Current Topics in Tech & Educ**

# **EDMS 574 - Current Topics in Tech & Educ**

#### **3 Credit Hours**

In this course, students will explore the impact of technology on society (business, education and the individual). Teachers will gain experience with several tools for incorporating social media in the classroom while teaching good practices in digital citizenship and considerations for a digital footprint. Units will be developed over the course, while being informed by theoretical and empirical readings and group discussions. Teachers will also gain an understanding of the benefits of incorporating social media as well as the importance of teaching positive digital citizenship by implementing their unit and reflecting on and sharing instructional and classroom management strategies.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDMS 576 - Gamification in the Classroom**

# **EDMS 576 - Gamification in the Classroom**

#### **3 Credit Hours**

Gamification does not imply creating a game. It means making education more fun and engaging, without undermining its credibility," (Lee and Hammer, 2011). This course will introduce students to gamification in education. Teachers will gain experience with several tools for incorporating games in the classroom (both face-to-face and online classrooms), and elements of good game design. Teachers will benefit from a gaming experience that requires learning and acting in a team. Units will be developed over the course, while being informed by theoretical and empirical readings and group discussions. Teachers will also gain an understanding of the benefits of gamification by implementing their unit and reflecting on and sharing instructional and classroom management strategies necessary to make a game educationally relevant and powerful.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDMS 578 - Instruction & Technology**

# **EDMS 578 - Instruction & Technology**

#### **3 Credit Hours**

Differentiation requires the teacher to provide "different avenues to acquiring content, to processing or making sense of ideas, and to developing products so that each student can learn effectively."(Tomlinson, 2001). Technology offers many tools to make this possible in every lesson. In this course, teachers will understand differentiation and explore tools that can be used to facilitate differentiated instruction and learning. Students will develop classroom mini-lessons throughout this course that facilitate differentiated learning using multiple technology tools. Teachers will also gain an understanding of the benefits of differentiation by implementing their mini-lessons and reflecting on and sharing instructional and classroom management strategies.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDMS 580 - Online and Hybrid Instruction**

# **EDMS 580 - Online and Hybrid Instruction**

**3 Credit Hours**

This course will introduce teachers to the spectrum of online learning models. Teachers will gain experience with several models (online components for face-to-face courses, hybrid and fully online models), while creating an unit utilizing each of these models as well as the flipped classroom approach. Units will be developed over the course, while being informed by theoretical and empirical readings and group discussions. Teachers will also gain an understanding of the challenges of teaching in an online environment by implementing their unit and reflecting on and sharing instructional and classroom management strategies necessary to make an online environment effective.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDMS 670 - Student Teaching AYA**

## EDMS 670 - Student Teaching AYA

**2 Credit Hours**

A daily laboratory experience in secondary school teaching for one semester under a licensed master teacher. Prior to registration, the student must make a formal application by the stated deadline and meet the GPA and other requirements on file in the Education Department.

**Co-requisites:** EDMS680

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDMS 671 - Student Teaching Multit-Age**

## EDMS 671 - Student Teaching Multit-Age

**2 Credit Hours**

A daily laboratory experience in multi-age school teaching for one semester under a licensed master teacher. Prior to registration, the student must make a formal application by the stated deadline and meet the GPA and other requirements on file in the Education Department.

**Co-requisites:** EDMS680

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDMS 680 - Secondary Student Teaching Sem**

## EDMS 680 - Secondary Student Teaching Sem

**3 Credit Hours**

A weekly seminar that addresses pertinent issues in teacher licensure, professional development, and career preparation. Co-requisite: EDMS 670 or EDMS 671.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDMS 999 - Initial Advising**

# EDMS 999 - Initial Advising

## 0 Credit Hours

The rationale for the creation of this 0-semester hour course is that it allows graduate students in the secondary education teacher licensure program to register for undergraduate content courses at Xavier for which they have met prerequisite requirements, but at other colleges or universities.

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDRE 269 - Phonics & Foundation of Litera

# EDRE 269 - Phonics & Foundation of Litera

## 3 Credit Hours

History of the English language, linguistics, and the use of phonetics as it relates to the reading process. Phonics and phonemic awareness as major strategies in comprehension for emergent readers. Holistic philosophy and teaching. A minimum of 15 hours of field work required. This course is cross-listed with EDRE 569.

**Prerequisites:** (Undergraduate level EDFD100 Minimum grade of B or Undergraduate level EDEL100 Minimum grade of B) or Undergraduate level EDFD110 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDRE 296 - Adult and Family Literacy

# EDRE 296 - Adult and Family Literacy

## 3 Credit Hours

The literature and key figures working in the area of literacy; the Literacy Volunteers of America certified training in Basic Reading Tutor Training. Research into the problem of illiteracy. Weekly in-service practice in a neighborhood literacy center. EDRE 296 is offered as part of the reading program and as an E/RS Focus elective course. This course cannot be used towards the Reading Endorsement K-12.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** ERS Focus Elective

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDRE 312 - Reading Methods

# EDRE 312 - Reading Methods

## 3 Credit Hours

This course is designed to prepare undergraduate and graduate teaching candidates to help all students become effective, strategic readers who read and write enthusiastically and purposefully. This course will discuss not only reading theory and practice, but also more broadly, holistic language theory and practice, within which reading is a part. Children's growth and development in literacy depends on their having knowledgeable, caring and thoughtful teachers; helping students learn to read and write is an exciting, rewarding and honorable responsibility. Individual principles of reading instruction presented will serve as fundamental guiding ideas during this semester. In addition, this course will focus on the overwhelming importance of the teacher in a successful literacy program.

**Prerequisites:** (Undergraduate level EDFD100 Minimum grade of B and Undergraduate level EDFD110 Minimum grade of C and Undergraduate level EDEC210 Minimum grade of C) or (Undergraduate level EDEL100 Minimum grade of B and Undergraduate level EDFD110 Minimum grade of C and Undergraduate level EDEC210 Minimum grade of C) or (Undergraduate level EDRE269 Minimum grade of C)

**Levels:** Graduate Undergraduate

**EDRE 314 - Reading Methods for Middle Chd**

# **EDRE 314 - Reading Methods for Middle Chd**

**3 Credit Hours**

Developmental process of reading for the middle school child. Holistic philosophy as it relates to content reading material and determining the needs of children in the content classroom. Skills and strategies for higher level thinking, creative and informational writing, study skills and the use of multiple genres of children's literature. A minimum of 10 hours of field work required.

**Levels:** Graduate Undergraduate

**EDRE 376 - Writing Theory & Process**

# **EDRE 376 - Writing Theory & Process**

**3 Credit Hours**

This course will explore current ideas and methods in teaching of writing P-12. Attention to the teacher's own writing and to understand developmental and recursive process. Study of effective writing workshops and conference techniques, strategies for improving writing in all genres, reading/writing connections and writing across the curriculum.

**Levels:** Graduate Undergraduate

**EDRE 471 - Content Area Literacy**

# **EDRE 471 - Content Area Literacy**

**3 Credit Hours**

The teaching of reading across the curriculum. Skill development, diagnostic techniques, prescriptive teaching, readability formulas and strategies, and materials for early childhood through secondary teaching. A minimum of 15 hours of field work required. Prerequisite of (EDRE 269 or EDME 376) and (EDRE 312 or EDRE 314) or Professional Education minor.

**Levels:** Graduate Undergraduate

**EDRE 472 - Theories of Reading**

# **EDRE 472 - Theories of Reading**

**3 Credit Hours**

An historic study and comprehensive analysis of the reading process from definition to application. Cyclical changes, current research and classroom application demonstration. field work required.

**Levels:** Graduate Undergraduate

**EDRE 478 - Literary Assess: Adm, Ana, App**

# EDRE 478 - Literary Assess: Adm, Ana, App

## 3 Credit Hours

Formal and informal testing for reading related disabilities surveyed. Factors associated with reading problems. Miscue analysis, portfolio assessment emphasized. Assessment portfolio for classroom use developed. Minimum of 25 hours of field work required.

**Prerequisites:** (Undergraduate level EDRE269 Minimum grade of C or Undergraduate level EDME376 Minimum grade of C) and (Undergraduate level EDRE312 Minimum grade of C or Undergraduate level EDRE314 Minimum grade of C)

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDRE 479 - Practicum in Reading

# EDRE 479 - Practicum in Reading

## 3 Credit Hours

Application of reading strategies and philosophical understandings of the reading process in a clinical setting. Holistic lesson planning and tutoring based upon portfolio assessment in EDRE 478.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDRE 512 - Reading Methods

# EDRE 512 - Reading Methods

## 3 Credit Hours

This course is designed to prepare undergraduate and graduate teaching candidates to help all students become effective, strategic readers who read and write enthusiastically and purposefully. This course will discuss not only reading theory and practice, but also more broadly, holistic language theory and practice, within which reading is a part. Children's growth and development in literacy depends on their having knowledgeable, caring and thoughtful teachers; helping students learn to read and write is an exciting, rewarding and honorable responsibility. Individual principles of reading instruction presented will serve as fundamental guiding ideas during this semester. In addition, this course will focus on the overwhelming importance of the teacher in a successful literacy program.

**Prerequisites:** Graduate level EDRE569 Minimum grade of C or Graduate level EDME576 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDRE 514 - Reading Methods for Middle Chi

# EDRE 514 - Reading Methods for Middle Chi

## 3 Credit Hours

Developmental process of reading for the middle school child. Holistic philosophy as it relates to content reading material and determining the needs of children in the content classroom. Skills and strategies for higher level thinking, creative and informational writing, study skills and the use of multiple genres of children's literature. A minimum of 10 hours of field work required. This course is cross-listed with EDRE 314.

**Prerequisites:** Graduate level EDRE569 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDRE 562 - Phonics and Orton Gillingham**

# **EDRE 562 - Phonics and Orton Gillingham**

### **3 Credit Hours**

This course provides a comprehensive study of the English language and the Orton-Gillingham approach to teaching children to read and spell. It includes extensive studies of the characteristics of dyslexia, the patterns of the English language, multisensory techniques for teaching the elements of literacy, and the application of skills through practice activities. The skills taught in the course are based on current research on the characteristics and needs of children with difficulties in the area of literacy, including brain research, and best teaching practices. The participants will learn about dyslexia and appropriate approaches for teaching children with learning difficulties. With the complexity of both dyslexia and the English language, the participants develop a deep appreciation for ongoing research and study so that they continue to refine their skills. They complete the course with a respect for the children and a desire to serve as them, as both teachers and advocates.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDRE 569 - Phonics & Found of Literacy**

# **EDRE 569 - Phonics & Found of Literacy**

### **3 Credit Hours**

History of the English language, linguistics, and the use phonics as it relates to the reading process. Phonics and phonemic awareness as major strategies in comprehension for emergent readers. Holistic philosophy and teaching. A minimum of 15 hours of field work required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDRE 584 - Effective Literacy Instruction**

# **EDRE 584 - Effective Literacy Instruction**

### **3 Credit Hours**

Advanced course in literacy teaching. Identifies essential knowledge, skills, and dispositions that are considered foundational in teaching, reading, and writing. Content organized into components of comprehensive and coherent program. Emphasizes effective instruction rooted in scientific research in literacy education within a standards-based system. A minimum of 15 hours of field work required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDRE 671 - Content Area Literacy**

# **EDRE 671 - Content Area Literacy**

### **3 Credit Hours**

The teaching of reading across the curriculum. Skill development, diagnostic techniques, prescriptive teaching, readability formulas and strategies, and materials for early childhood through secondary teaching. A minimum of 15 hours of field work is required.



**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDRE 672 - Theories of Reading**

## **EDRE 672 - Theories of Reading**

#### **3 Credit Hours**

An historic study and comprehensive analysis of the reading process from definition to application. Cyclical changes, current research and classroom application demonstration. A minimum of 15 hours of field work required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDRE 675 - Current Research in Reading**

## **EDRE 675 - Current Research in Reading**

#### **3 Credit Hours**

Study of Scientifically Based Reading Research (SBRR) as it relates to teacher education, licensure, and applied classroom pedagogy. Focus on current research in reading, writing, speaking and listening and the impact research has on current teaching trends. A minimum of 15 hours of field work required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDRE 676 - Teaching Writing Process**

## **EDRE 676 - Teaching Writing Process**

#### **3 Credit Hours**

Current ideas and methods in teaching of writing P-12. Attention to the teacher's own writing and to understand developmental and recursive process. Study of effective writing workshops and conference techniques, strategies for improving writing in all genres, reading/writing connections and writing across the curriculum.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDRE 678 - Literary Assess: Adm, Ana, App**

## **EDRE 678 - Literary Assess: Adm, Ana, App**

#### **3 Credit Hours**

Formal and informal testing for reading related disabilities. Factors associated with reading problems. Miscue analysis, portfolio assessment emphasized. Assessment portfolio for classroom use developed. A minimum of 25 hours of field work required.

**Prerequisites:** (Graduate level EDRE569 Minimum grade of C and Graduate level EDRE512 Minimum grade of C or Graduate level EDRE514 Minimum grade of C) or

(Graduate level EDME554 Minimum grade of C and Graduate level EDME576 Minimum grade of C)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDRE 679 - Practicum in Reading**

## **EDRE 679 - Practicum in Reading**

#### **3 Credit Hours**

Application of reading strategies and philosophical understandings of the reading process in a clinical setting. Holistic lesson planning and tutoring based upon portfolio assessment in EDRE 678. A minimum of 30 hours of field work required.

**Prerequisites:** Graduate level EDRE678 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDRE 684 - Integrated Language Arts**

## **EDRE 684 - Integrated Language Arts**

#### **3 Credit Hours**

Graduate course developing the teaching of reading, writing, speaking, and listening and the identified interconnectedness across the curriculum. Focus is on meeting multiple State Benchmarks for the Language Art Standards in daily preparation of language-focused learning. This course is both research-oriented as well as field-based. A minimum of 15 hours of field work required.

**Prerequisites:** Graduate level EDRE569 Minimum grade of B and Graduate level EDRE672 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDRE 685 - Teach Read Children w/Spc Need**

## **EDRE 685 - Teach Read Children w/Spc Need**

#### **3 Credit Hours**

Graduate course that extends the holistic teaching of reading to those students who process language and language learning in a multitude of ways. Focus will include developmentally appropriate practices and strategies for identified special needs students, ESL students, and gifted students. A minimum of 15 hours of field work required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDSP 200 - Sp Ed: Identification & Issues**

## **EDSP 200 - Sp Ed: Identification & Issues**

**3 Credit Hours**

This course provides an overview of national and state policies, the etiology, assessments, classification, and issues of individuals and families with exceptional needs as well as the need for special education services and adaptations to the general education classroom. This course also addresses the process of collaborating to develop and write an individualized education program (IEP) to identify the adaptations and services needed by a student with a disability. Required field experience in diverse settings - 5 field hours.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDSP 201 - Intro to Emotionally Dist Chld**

# EDSP 201 - Intro to Emotionally Dist Chld

**3 Credit Hours**

This course provides an overview of maladaptive behavior in school aged children and adolescents which addresses the psychological and medical factors affecting development. Other areas addressed are: social/emotional/family aspects, adaptive behaviors, social imperceptiveness, social competence, social isolation, learned helplessness, juvenile delinquency, medications, and evaluation of etiological factors. 5 field hours.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDSP 203 - Sp Ed: Comm & Collaboration**

# EDSP 203 - Sp Ed: Comm & Collaboration

**3 Credit Hours**

This course addresses Teambuilding. Teambuilding covers Team Purpose, Stages of Team Development, Team Member Roles, Team Communication, Team Processes, and Team Leadership. More specifically, this course will look at the following: the issues and practices concerning family systems and role of family; models and strategies for consultation and collaboration; effective communication with families, school personnel; and, professional ethics, responsibilities and confidentiality. Learning Leaders experience self-assessment and interpersonal skills needed for teaming and collaboration in educational settings with parents, teachers, administrators, paraprofessionals, and other specialists covering all exceptionalities and cultural settings as well as role playing, and small group practices in teaming and collaboration. Required field experience in diverse settings - 5 hours.

**Prerequisites:** Undergraduate level EDFD110 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDSP 204 - Read Assess & Strat-Lang Proc**

# EDSP 204 - Read Assess & Strat-Lang Proc

**3 Credit Hours**

This course provides the students with the knowledge and skills for diagnostic assessment of developmental language processing problems related to literacy skills of reading, writing, listening and speaking for students with and without disabilities; reading remediation strategies including technology; speech and language acquisition and learning theories (first and second language); and supervision of reading/language instruction across the curriculum K-12 in diverse cultural school settings. Review Ohio curriculum for foreign instruction and Ohio Model Competency-Based Language Arts. Required field experiences in diverse settings - 10 field hours.

**Prerequisites:** Undergraduate level EDRE471 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDSP 205 - Foundations in ECSPED**

# EDSP 205 - Foundations in ECSPED

## 3 Credit Hours

Students in this course address the historical and philosophical foundations of services for young children; impact of sensory impairments, physical and health disabilities for individuals, families, and society. Research supported theories and issues concerning early childhood special education practices and methods; identification of at risk needs awareness, IFSP and IEP procedures and issues, developmentally appropriate practices; biological and environmental learning and developmental factors; medical/health issues, responsibilities, training, and implications for learning and prevention for educational settings. Articulation of personal philosophy of special education. CPR and First Aid Training and certification required. Required field experiences in diverse settings - 10 field hours.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 348 - Physical/Mental/Med Disabil

# EDSP 348 - Physical/Mental/Med Disabil

## 3 Credit Hours

This course will expose students to the different types and causes of disabilities they are likely to find in their employment; learning about many of the different therapies, both pharmacological and other forms that have been proposed and presented to treat these disabilities; gaining of the knowledge and skills to help individuals and families with disabilities sort out the helpful from the hopeless therapies and treatments.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 360 - M/M Characteristics & Strategi

# EDSP 360 - M/M Characteristics & Strategi

## 3 Credit Hours

This course is designed to provide the students with a basic knowledge of mild to moderate disabilities. The course focuses on definitions and diversity in characteristics (including perceptual, cognitive, linguistic, academic, and social/emotional qualities) for individuals with mild to moderate disabilities as well as the major past and present educational and legal issues relevant to those individuals. Required field experience in diverse settings - 6 field hours.

**Prerequisites:** Undergraduate level EDSP200 Minimum grade of B and Undergraduate level EDFD110 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 362 - M/M Support Services

# EDSP 362 - M/M Support Services

## 3 Credit Hours

Students in this course address service, transitional and resources issues, strategies, techniques used to integrate students with mild/moderate disabilities into diverse educational, social and community settings. Emphasis is on service delivery needs and issues for families; career vocational, health/medical and safety issues, training and intervention/prevention services; working with and guiding paraprofessionals; and support services for at risk students which includes legal aspects and responsibilities. First Aid and CPR training and certification required. Required field experience in diverse settings - 10 field hours.

**Prerequisites:** Undergraduate level EDSP360 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 363 - Sp Ed: Assessment & Evaluation

# EDSP 363 - Sp Ed: Assessment & Evaluation

### 3 Credit Hours

The student taking this course will demonstrate the ability to administer non-biased formal assessments. They will be able to make the connection between assessment and instruction, use assessment information in eligibility program and placement decisions for individuals with mild/moderate learning needs, including those from culturally and/or linguistically diverse backgrounds. Students will also demonstrate the ability to select, adapt, and modify assessments to accommodate the unique abilities and needs of individuals with mild/moderate and at-risk disabilities. This is a LAB class that requires administering, scoring, and explaining test results. Students will keep a test log to document the field hours.

**Prerequisites:** Undergraduate level EDSP360 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 364 - DAP Instructional Materials

# EDSP 364 - DAP Instructional Materials

### 3 Credit Hours

University students will demonstrate the ability to select and use specialized instructional strategies for students with mild/moderate learning needs that are age and ability appropriate. This will include multiple theoretical approaches as well as instructional methods to strengthen and compensate for deficits in perception, comprehension, memory, and retrieval. Students use strategies to facilitate maintenance and generalization across environments. Students use methods to teach mathematics appropriate to students with disabilities. This is a lab class, students are expected to create developmentally appropriate educational materials after class and demonstrate their use in class.

**Prerequisites:** EDSP360 or EDSP392

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 365 - Curr Practices:Mild Disabiliti

# EDSP 365 - Curr Practices:Mild Disabiliti

### 3 Credit Hours

This course focuses on the role or responsibilities of the intervention specialists as it relates to curriculum adaptations and modifications and research supported instructional strategies and practices related to individual mild learner needs with a variety of disabilities. Students will develop and implement instructional plans for active learner participation which incorporates application of assessment, planning, implementing, and managing procedure for individual learners with mild cognitive and mild to severe affective/social/emotional behavioral needs across the curriculum. Required field experiences in diverse settings - 30 hours.

**Prerequisites:** ( EDSP363 and EDSP364 and EDSP374) or ( EDSP363 and EDSP393)

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt

# EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt

### 3 Credit Hours

This course is designed to provide the student with the knowledge to develop and implement instructional and behavioral plans and programs for students with emotional and behavior problems that address social skills; strategies for crises prevention and intervention; self advocacy; procedures to increase self-awareness, self-management, self control; self-reliance, and self-esteem; self-enhancing behavior in response to societal attitudes and actions. Students will be prepared to manage verbal and physical acting out behaviors. Required field experiences in diverse settings - 8 hours.

**Prerequisites:** Undergraduate level EDSP380 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDSP 370 - M/I Characteristics & Strateg**

## **EDSP 370 - M/I Characteristics & Strateg**

#### **3 Credit Hours**

This course is designed to provide the student with a basic knowledge of moderate to severe disabilities. Topics include definitions, identification procedures, due process rights, cultural and linguistic diversity, and characteristics for individuals with intellectual disabilities, including medical aspects; individuals who display developmental as well as multiple handicaps; and other conditions. The course will also deal with the major past and present educational, social/emotional, and legal issues relevant to those individuals. These issues will be referenced to inclusive practices that focus on the similarities between students with moderate to severe disabilities and their typical peers. Required field experience in diverse settings - 6 hours.

**Prerequisites:** Undergraduate level EDSP200 Minimum grade of B and Undergraduate level EDFD110 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDSP 372 - Communication Strategies & Tec**

## **EDSP 372 - Communication Strategies & Tec**

#### **3 Credit Hours**

This course will focus on understanding and implementation of everyday functional communication methods and techniques through various theories, systems and technologies for individual students with moderate and intensive needs; classroom strategies and techniques in learning environment; selection/implementation of augmentative or alternative communication devices/systems; adaptations/assistive technology; medical care and methods with technology/family support and resources. LAB field experience is required with documentation.

**Prerequisites:** EDSP370

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDSP 373 - M/I Assessment & Evaluation**

## **EDSP 373 - M/I Assessment & Evaluation**

#### **3 Credit Hours**

University students taking this class will demonstrate the ability to administer nonbiased formal and informal assessments. They will be able to make the connection between assessment and instruction. Students will also demonstrate the ability to select, adapt, and modify assessments to accommodate the unique abilities and needs of individuals with moderate/severe disabilities (including functional assessments, task analysis and alternate assessments). Students will demonstrate the procedures for assessing and reporting both appropriate and problematic social behaviors of individuals with disabilities. Students demonstrate the reliable methods of response of individuals who lack typical communication and performance behaviors. This is a LAB class which requires that students administer, score and explain test results. Students will keep a test log to document field hours.

**Prerequisites:** Undergraduate level EDSP370 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDSP 374 - Curr Prac:Moderate Disabilitie**

# EDSP 374 - Curr Prac: Moderate Disabilities

## 3 Credit Hours

This course focuses on curriculum theories and practices related to students with moderate disabilities in elementary through secondary education programs. Course content will focus on designing applied curriculum and multi-levelled instruction for active learner participation in inclusive educational environments which incorporate evaluating, planning, implementing, and managing procedures that are appropriate for individual needs. Required field experience in diverse settings - 30 hours.

**Prerequisites:** ( EDSP370 and EDSP373) or ( EDSP360 and EDSP364)

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 376 - M/I Support Services

# EDSP 376 - M/I Support Services

## 3 Credit Hours

This course focuses on the relationship between local and state support delivery services for individuals with moderate and intensive physical, mental and medical disabilities K-12; networks, organizations, resources, strategies and techniques used to integrate students requiring moderate/intensive services into diverse educational, social, and community settings including assistive technology/devices, residential treatment, rehabilitation, career/vocational, health/medical; use strategies that promote successful transitions for individuals with exceptional learning needs; identify supports needed for integration into various program placements; structure, direct and support the activities of paraeducators, volunteers, and tutors; assist family in planning transitions; and, act ethically in advocating for appropriate service. Required field experiences in diverse settings - 10 hours. CPR and First Aid Training and Certification required.

**Prerequisites:** EDSP370 or EDSP391

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 380 - Classroom Management

# EDSP 380 - Classroom Management

## 3 Credit Hours

Seminar course for teacher preparation (K - 12) concerning laws, policies, and ethical principles regarding behavior management, planning and implementation; establishing and maintaining positive classroom management; effective teaching/learning conditions and adaptations necessary for a healthy learning environment; useful and practical organizational procedures; problem solving/decision making techniques and strategies; communication skills necessary for classroom management; management practices concerning diverse classroom population and individualized learning. Required field experiences in diverse settings - 10 hours.

**Prerequisites:** Undergraduate level EDSP200 Minimum grade of B and Undergraduate level EDFD110 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## EDSP 381 - Play & Its Role in Dev & Learn

# EDSP 381 - Play & Its Role in Dev & Learn

## 3 Credit Hours

Students will focus on demands and management of the learning environment. This includes teacher attitudes and behavior. Course will also address play based skills and techniques; behavior management techniques; social skills planning and implementation; creating, supporting, facilitating interactive safe diverse learning. Required field experience in diverse settings - 8 hours.

**Prerequisites:** Undergraduate level EDSP205 Minimum grade of B

**Levels:** Undergraduate

**EDSP 389 - Prog Prac:Severe/Intensive Dis**

## **EDSP 389 - Prog Prac:Severe/Intensive Dis**

**3 Credit Hours**

This course focuses on specialized interventions for individuals with physical and health disabilities in educational settings; specialized materials for individuals with disabilities; prevention and intervention strategies for individuals with disabilities; technology for planning and managing the teaching and learning environment; select and plan for integration of related services into the instructional program, create or adapt appropriate learning plans; design and implement curriculum strategies for medical self-management procedures; use appropriate adaptations and assertive technology for all individuals with disabilities. Required field experiences in diverse settings - 30 hours.

**Prerequisites:** EDSP370 or EDSP373 or EDSP392

**Levels:** Graduate Undergraduate

**EDSP 391 - EDSPEP Primary Learn & Theory**

## **EDSP 391 - EDSPEP Primary Learn & Theory**

**3 Credit Hours**

Students will investigate and observe learning theory models as a foundation for early childhood intervention, understand development of infants and young children (birth through 5th grade), identify specific disabilities and describe implications for development and learning; use instructional practices based on knowledge of the child, family, community, and the curriculum; and support and facilitate family and child interactions as primary context for learning and development. This course requires field experiences in diverse settings -6 hours. This course will be a blended class offering including interactive field research and classroom meetings.

**Prerequisites:** Undergraduate level EDSP205 Minimum grade of B

**Levels:** Graduate Undergraduate

**EDSP 392 - ECSPED Primary: Observ & Asmt**

## **EDSP 392 - ECSPED Primary: Observ & Asmt**

**3 Credit Hours**

Students will demonstrate knowledge of Early Childhood/Special Education intervention assessment, evaluation, techniques and report writing for children/students ages birth to 5th grade. This course includes how formal and informal, norm and criterion referenced assessments are chosen in the areas of sensory, motor, cognitive, and social/emotional. Additionally, the relevance of observation, data collection, summarization, information integration and team collaboration are addressed in various settings (home, preschool, school classrooms (K-5) and community agencies). Program assessment, evaluation and its importance to IDEA compliance is discussed. This is a blended class offering interactive field observations/research and classroom meetings. 5 hours field experience required - undergrad. VALID BCI/FBI REQUIRED.

**Prerequisites:** Undergraduate level EDSP391 Minimum grade of B

**Levels:** Graduate Undergraduate

**EDSP 393 - ECSPED: Primary Curr & Pract**

## **EDSP 393 - ECSPED: Primary Curr & Pract**

**3 Credit Hours**



Students in this course will demonstrate the curriculum practices of selection, design, and development of P-5 primary intervention classroom methods/materials that are developmentally appropriate for individual/family activities; systematic instruction; assessment of development/progress; participation with interdisciplinary, interagency and intra-agency teams. Students will design/plan/implement process and strategies for transitions and demonstrate understanding of foundations of curriculum based in research-based practices. Required field experiences in diverse settings - 30 hours.

**Prerequisites:** EDSP391 and EDSP392

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDSP 395 - Independent Study & Research**

## **EDSP 395 - Independent Study & Research**

#### **1 - 6 Credit Hours**

Special topics examined through independent research.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDSP 400 - M/M Student Teaching**

## **EDSP 400 - M/M Student Teaching**

#### **10 Credit Hours**

This clinical experience course is taken when the student has finished all of the required coursework, completed the application process. Required 16 week clinical experience. In order to take this course, students must have passed all licensure tests and have permission of the program director.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDSP 401 - Teaching Seminar**

## **EDSP 401 - Teaching Seminar**

#### **2 Credit Hours**

Students will demonstrate and articulate professional and personal philosophies of special education, including ethics and standards, objective judgments; research applications and reflective practices concerning teaching/learning. Completion of professional portfolio is required. Students must have completed all licensure tests and have the permission of the program director to enroll in this course.

**Co-requisites:** EDSP400

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDSP 402 - M/I Student Teaching**

## **EDSP 402 - M/I Student Teaching**

#### **10 Credit Hours**

This clinical experience course is taken when the student has finished all of the required coursework, and completed the application process, and passed all required tests. Required 16 week clinical experience. To enroll in this course, students must have passed all licensure tests and have the permission of the program director.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

### **EDSP 403 - P-5 Prim Interv Spec Stud Teac**

## **EDSP 403 - P-5 Prim Interv Spec Stud Teac**

#### **10 Credit Hours**

This clinical experience course is taken when the student has finished all of the required coursework, and completed the application process, and passed all required tests. Required 16 week clinical experience. To enroll in this course, students must have passed all licensure tests, completed all coursework, and have permission of the program director.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

### **EDSP 448 - Service Providers: Internship**

## **EDSP 448 - Service Providers: Internship**

#### **9 Credit Hours**

Participation in two (2) separate field placements, each eight (8) weeks in duration. From pre-internship experiences, these placements will be planned, supervised and evaluated through collaboratively developed goals and objectives. Student will assume duties of the placement as a transition specialist.

**Levels:** Undergraduate

*College of Professional Sci School of Education*

### **EDSP 500 - Sp Ed: Identification & Issue**

## **EDSP 500 - Sp Ed: Identification & Issue**

#### **3 Credit Hours**

This course provides an overview of national and state policies, the etiology, assessments, classification, and issues of individuals and families with exceptional needs as well as the need for special education services and adaptations to the general education classroom. The course also addresses the process of collaborating to develop and write and individualized education program (IEP) to identify the adaptations and services needed by a student with a disability. Required field experience in diverse settings - 5 field hours.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDSP 501 - Intro to Emotionally Dist Chil**

## **EDSP 501 - Intro to Emotionally Dist Chil**

#### **2 - 3 Credit Hours**

This course provides an overview of maladaptive behavior in school aged children and adolescents which address the psychological and medical factors affecting development. Other areas addresses are: social/emotional/family aspects; adaptive behaviors; social imperceptiveness; social competence; social isolation; learned helplessness; juvenile delinquency; medications; and evaluation of etiological factors. 5 field hours.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## EDSP 503 - Sp Ed: Comm & Collaboration

# EDSP 503 - Sp Ed: Comm & Collaboration

### 3 Credit Hours

This course addresses Teambuilding. Teambuilding covers Team Purpose, Stages of Team Development, Team Member Roles, Team Communication, Team Processes, and Team Leadership. More specifically, this course will look at the following: the issues and practices concerning family systems and role of family; models and strategies for consultation and collaboration; effective communication with families, school personnel; and, professional ethics, responsibilities and confidentiality. Learning Leaders experience self-assessment and interpersonal skills needed for teaming and collaboration in educational settings with parents, teachers, administrators, paraprofessionals, and other specialists covering all exceptionalities and cultural settings as well as role playing, and small group practices in teaming and collaboration. Required field experience in diverse settings - 5 hours.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## EDSP 504 - Read Assess & Strat-Lang Proc

# EDSP 504 - Read Assess & Strat-Lang Proc

### 3 Credit Hours

This course provides the candidate with the knowledge and skills for diagnostic assessment of developmental language processing problems related to literacy skills of reading, writing, listening, and speaking for students with and without disabilities; reading remediation strategies including technology; speech and language acquisition and learning theories (first and second language); and, supervision of reading/language instruction across the curriculum K-12 in diverse cultural school settings. Review Ohio curriculum for foreign instruction and Ohio Model Competency-Based Language Arts. Required field experiences in diverse settings - 10 hours. Pre-requisite: EDRE 671 Secondary Program students; EDRE 569; EDRE 671; EDRE 512 or EDRE 514 Special Education Program students.

**Prerequisites:** Graduate level EDRE671 Minimum grade of B or EDMS999

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## EDSP 505 - Foundations in ECSPED

# EDSP 505 - Foundations in ECSPED

### 3 Credit Hours

Students in this course address the historical and philosophical foundations of services for young children; impact of sensory impairments, physical and health disabilities on individuals, families and society. Research supported theories and issues concerning early childhood special education practices and method; identification of at risk needs awareness, IFSP and IEP procedures and issues; developmentally appropriate practices; biological and environmental learning and developmental factors; medical/health issues, responsibilities, training and implications for learning and prevention for educational settings. Articulation of personal philosophy of special education. CPR and First Aid Training and certification required. Required field experience in diverse settings - 10 hours.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## EDSP 521 - Gifted Mini Course 1

# EDSP 521 - Gifted Mini Course 1

**1 Credit Hours**

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**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDSP 522 - Gifted Mini Course 2

# EDSP 522 - Gifted Mini Course 2

**1 Credit Hours**

This course will focus on theories, strategies and methods to better meet the needs of gifted students within the regular education classroom based on the characteristics of the gifted student. The course will expand the strategies presented in Mini-course #1 to differentiate instruction and also discuss the characteristics of gifted students by examining the theories of mindset and brain's executive function. Methods of meeting the legal requirements for serving the gifted student will be discussed through examining the RTII process and service options.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDSP 523 - Gifted Mini Course 3

# EDSP 523 - Gifted Mini Course 3

**1 Credit Hours**

This course will discuss the gifted identification of students in the areas of creative thinking and the performing arts. It will also encompass the identification and needs of students who are twice exceptional, students who for whom English is a second language and students who are underserved. The characteristics of anxiety and perfectionism in gifted students will be explored. As a conclusion to this mini- course series, the course will examine the many renowned theorists in gifted education and how their work is affecting the delivery of services in our schools today.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDSP 551 - Hist, Theory & Prac Transition

# EDSP 551 - Hist, Theory & Prac Transition

**3 Credit Hours**

This course focuses on the historical and theoretical models of transition including related legislation in fields of special and vocational education, rehabilitation, labor and civil rights. Implications of student characteristic as it relates to post-school outcomes, services, environments and support needs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDSP 553 - Asmt&Prog Plan Transition Ed

# EDSP 553 - Asmt&Prog Plan Transition Ed

### 3 Credit Hours

This course focuses on administering, scoring, and applying formal & informal career and vocational assessment for identification, planning and program implications for post-secondary options and services.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDSP 554 - Cog & Soc Skills - Transition

# EDSP 554 - Cog & Soc Skills - Transition

### 3 Credit Hours

This course focuses on transitional education and service types of programs to include: the methods, techniques, skills, and roles of the specialist in the transition to work areas. In addition to general course activities, the candidate will schedule and complete field experience hours observing and participating in transitional knowledge/skills, and disposition areas outlined in the course objectives. Required field experience hours: 10 hours in transitional educational setting and 10 hours in transitional service setting.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDSP 555 - Com/Coll Partship Trans Ed&Ser

# EDSP 555 - Com/Coll Partship Trans Ed&Ser

### 3 Credit Hours

This course focuses on the interpersonal knowledge and skills necessary of a transition to work specialist. Through the development of understanding and awareness of the methods and techniques needed for servicing clients in this area during course time instructions, the candidates under supervision will also practice these transitional skills during 10 hours of field experience in transitional educational setting and 10 hours of field experience in a transitional service setting.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDSP 556 - Resources in Trans. Ed & Serv

# EDSP 556 - Resources in Trans. Ed & Serv

### 3 Credit Hours

Candidate will spend 15 hours participating in supervised field experience in a transitional educational setting and 15 hours participating in supervised field experience in a transitional service setting that is designed to address the practicing skills of a transition to work specialist. During these field experiences, the candidate will attend the scheduled seminars of the course that address the students, families, community agencies needs and coordination, future directions, leadership to promotion of programs; and, systematic processes.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDSP 557 - Transitions: Field Practicum**

# **EDSP 557 - Transitions: Field Practicum**

### **3 Credit Hours**

The candidate will design with the guidance of the clinical field placement faculty and their program mentor a field practicum experience addressing both transitional educational settings and transitional service settings. Considering the roles and responsibilities of these settings, the candidate will design a learning field experience based on specific professional development need areas; establish goals that address those areas; and develop the activities and outcomes to those with a defined program process with reflective evaluation. Permission of the program director is required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDSP 560 - M/M Characteristics & Strategi**

# **EDSP 560 - M/M Characteristics & Strategi**

### **3 Credit Hours**

This course is designed to provide the candidates with a basic knowledge of mild to moderate disabilities. The course focuses on definitions and diversity in characteristics (including perceptual, cognitive, linguistic, academic, and social/emotional qualities) for individuals with mild to moderate disabilities as well as the major past and present educational and legal issues relevant to those individuals. Required field experience in diverse settings - 6 hours.

**Prerequisites:** Graduate level EDSP500 Minimum grade of B and Graduate level EDFD510 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDSP 562 - M/M Support Services**

# **EDSP 562 - M/M Support Services**

### **3 Credit Hours**

Students in this course address service, transitional and resource issues, strategies, techniques used to integrate students with mild/moderate disabilities into diverse educational, social, and community settings. Emphasis is on service delivery needs and issues for families; career/vocational, health/medical, and safety issues, training and intervention/prevention services; working with and guiding paraprofessionals; and, support services for at risk students which includes legal aspects and responsibilities. First Aid and CPR training and certification required. Required field experience in diverse settings - 10 hours.

**Prerequisites:** Graduate level EDSP560 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDSP 563 - Sp Ed: Assessment & Evaluation**

# **EDSP 563 - Sp Ed: Assessment & Evaluation**

### **3 Credit Hours**

The student taking this course will demonstrate the ability to administer non-biased formal assessments. They will be able to make the connection between assessment and instruction, use assessment information in eligibility program and placement decisions for individuals with mild/moderate learning needs, including those from culturally and/or linguistically diverse backgrounds. Students will also demonstrate the ability to select, adapt, and modify assessments to accommodate the unique abilities and needs of individuals with mild/moderate and at-risk disabilities. This is a LAB class that requires administering, scoring, and explaining test results. Students will keep a test log to document the field hours.

**Prerequisites:** Graduate level EDSP560 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDSP 564 - DAP Instructional Materials**

## **EDSP 564 - DAP Instructional Materials**

### **3 Credit Hours**

University students will demonstrate the ability to select and use specialized instructional strategies for students with mild/moderate learning needs that are age and ability appropriate. This will include multiple theoretical approaches as well as instructional methods to strengthen and compensate for deficits in perception, comprehension, memory, and retrieval. Students use strategies that facilitate maintenance and generalization across environments. Students use methods to teach mathematics appropriate to students with disabilities. This is a lab class, students are expected to create developmentally appropriate educational materials after class and demonstrate their use in class.

**Prerequisites:** EDSP560 or EDSP592

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDSP 565 - Curr Practices:Mild Disabiliti**

## **EDSP 565 - Curr Practices:Mild Disabiliti**

### **3 Credit Hours**

This course focuses on the role or responsibilities of the intervention specialists as it relates to curriculum adaptations and modifications and research supported instructional strategies and practices related to individual mild learner needs with a variety of disabilities. Students will develop and implement instructional plans for active learner participation which incorporates application of assessment, planning, implementing, and managing procedure for individual learners with mild cognitive and mild to severe affective/social/emotional/behavioral needs across the curriculum. Required field experience in diverse settings - 30 hours.

**Prerequisites:** EDSP563 or EDSP564 or EDSP574 or EDSP593

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDSP 567 - Sp Ed: Behav & Soc Skills Mgmt**

## **EDSP 567 - Sp Ed: Behav & Soc Skills Mgmt**

### **3 Credit Hours**

This course is designed to provide the candidate with the knowledge to develop and implement instructional and behavioral plans and programs for students with emotional and behavioral problems that address social skills; strategies for crises prevention and intervention; self-advocacy; procedures to increase self-awareness, self-management, self-control, self-reliance, and self-esteem; self-enhancing behavior in response to societal attitudes and actions. Students will be prepared to manage verbal and physical acting out behaviors. Required field experience in diverse settings - 6 hours.

**Prerequisites:** Graduate level EDSP580 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 570 - M/I Characteristics & Strategy**

# **EDSP 570 - M/I Characteristics & Strategy**

### **3 Credit Hours**

This course is designed to provide the student with a basic knowledge of moderate to severe disabilities. Topics include definitions, identification, procedures, due process rights, cultural and linguistic diversity, and characteristics for individuals with intellectual disabilities, including medical aspects; individuals who display developmental as well as multiple handicaps; and other conditions. The course also will deal with the major past and present educational, social/emotional, and legal issues relevant to those individuals. These issues will be referenced to inclusive practices that focus on the similarities between students with moderate to severe disabilities and their typical peers. Required field experience in diverse settings - 6 hours.

**Prerequisites:** Graduate level EDSP500 Minimum grade of B and Graduate level EDFD510 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 572 - Comm Strategies & Techniques**

# **EDSP 572 - Comm Strategies & Techniques**

### **3 Credit Hours**

This course will focus on the understanding and implementation of everyday functional communication methods and techniques through various theories, systems, and technologies for individual students with moderate and intensive needs; classroom strategies and techniques in learning environment; selection/implementation of augmentative or alternative communication devices/systems; adaptations/assistive technology; medical care and methods with technology/family support and resources. LAB field experience is required with documentation.

**Prerequisites:** EDSP570

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 573 - M/I Assessment & Evaluation**

# **EDSP 573 - M/I Assessment & Evaluation**

### **3 Credit Hours**

University students taking this class will demonstrate the ability to administer nonbiased formal and informal assessments. They will be able to make the connection between assessment and instruction. Students will also demonstrate the ability to select, adapt, and modify assessments to accommodate the unique abilities and needs of individuals with moderate/severe disabilities (including functional assessments, task analysis and alternate assessments). Students will demonstrate the procedures for assessing and reporting both appropriate and problematic social behaviors of individuals with disabilities. Students demonstrate the reliable methods of response of individuals who lack typical communication and performance behaviors. This is a LAB class which requires that students administer, score and explain test results. Students will keep a test log to document field hours.

**Prerequisites:** Graduate level EDSP570 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate



## EDSP 574 - Curr Prac:Mod Disabilities

# EDSP 574 - Curr Prac:Mod Disabilities

### 3 Credit Hours

This course focuses on curriculum theories and practices related to students with moderate disabilities in elementary through secondary education programs. Course content will focus designing applied curriculum and multi-leveled instruction for active learner participation in inclusive educational environments which incorporate evaluating, planning, implementing, and managing procedures that are appropriate for individual needs. Required field experience in diverse settings - 30 hours.

**Prerequisites:** ( EDSP570 and EDSP573) or ( EDSP360 and EDSP364)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## EDSP 576 - M/I Support Services

# EDSP 576 - M/I Support Services

### 3 Credit Hours

This course focuses on the relationship local and state support delivery services for individuals with moderate and intensive physical, mental, and medical disabilities K-12; networks, organizations, resources, strategies and techniques used to integrate students requiring moderate/intensive services into diverse educational, social, community settings including assistive technology/devices, residential treatment, rehabilitation, career/vocational, health/medical; use strategies that promote successful transitions for individuals with exceptional learning needs; identify supports needed for integration into various program placements; structure, direct, and support the activities of paraeducators, volunteers, and tutors; assist family in planning transitions; and, act ethically in advocating for appropriate service. Required field experience in diverse settings - 10 hours. CPR and First Aid Training and Certification required.

**Prerequisites:** EDSP570 or EDSP591

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## EDSP 579 - Autism and PDD

# EDSP 579 - Autism and PDD

### 3 Credit Hours

Students in this course focus on autism and PDD problems, needs and issues. This also includes informal classroom assessment; management; instructional planning; implementing IEP goals and objectives into instructional methods and techniques; family and cultural issues; curriculum designing, development, implementation, adaptation/modification; communication/technology issues; and social/relationship problems. Required 5 hours of field experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## EDSP 580 - Classroom Management

# EDSP 580 - Classroom Management

**3 Credit Hours**

Seminar course for teacher preparation K-12 concerning laws, policies, and ethical principles regarding behavior management, planning and implementation, establishing and maintaining positive classroom management; effective teaching/learning conditions and adaptations necessary for a healthy learning environment; useful and practical organizational procedures; problem solving/decision-making techniques and strategies; communication skills necessary for classroom management; management practices concerning diverse classroom population and individualized learning. Required field experiences in diverse settings - 10 hours.

**Prerequisites:** Graduate level EDSP500 Minimum grade of B or Graduate level EDFD510 Minimum grade of B or EDMS999

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDSP 581 - Play & Its Role in Dev & Learn**

## **EDSP 581 - Play & Its Role in Dev & Learn**

**3 Credit Hours**

Students will focus on demands and management of the learning environment. This includes teacher attitudes and behaviors. Course will also address play based skills and techniques; behavior management techniques; social skills planning and implementation; creating, supporting, facilitating interactive safe diverse learning environments. Required field experience in diverse settings - 8 hours.

**Prerequisites:** Graduate level EDSP505 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDSP 582 - Gifted/Talented Chara & Strat**

## **EDSP 582 - Gifted/Talented Chara & Strat**

**3 Credit Hours**

Students in the course will focus on the identification of gifted/talented (P-12), legal policies/procedures; rights and responsibilities of family, students, educators, professionals, and institutions associated with the education of the gifted/talented; theories of intelligence and creativity, comparisons of tools and strategies, characteristics and needs of gifted/talented; placement options, effects of cultural identity, family, economic, physical-linguistic, academic, and social/emotional development; enrichment and acceleration needs of gifted/talented. Required field experience in diverse settings - 6 hours.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDSP 583 - Res Mat & Tech: Gift/Talent**

## **EDSP 583 - Res Mat & Tech: Gift/Talent**

**3 Credit Hours**

Participants in this five-week asynchronous online course will explore and apply instructional design principles to create innovative digital learning environments that engage and support learning; use technology to create, adapt, and personalize learning experiences that foster independent learning and accommodate the differences and needs specific to students identified as gifted; and learn from and with others to explore proven and promising practices that leverage technology to improve learning specifically for students identified as gifted.&nbsp;This course has been designed to support educators working with learners identified as gifted or interested in designing instruction to differentiate & personalize instruction more effectively.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDSP 584 - G/T Assessment & Instruction**

# **EDSP 584 - G/T Assessment & Instruction**

### **3 Credit Hours**

This course will provide and overview of assessment and instructional relationships for gifted/talented. Cultural, family, social and community effects on assessment and instruction will be discussed. Terminology, state/federal/legal provisions, regulations, and guidelines of assessment, referral, placement, and instruction practices will also be discussed. This is a LAB course that requires candidates to administer, score, and explain test results.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDSP 585 - G/T Program Design & Practices**

# **EDSP 585 - G/T Program Design & Practices**

### **3 Credit Hours**

This course focuses on how to select, adapt, and use instructional strategies and materials according to characteristics of individuals with gifts and talents; effective management of teaching and learning for these students; acceleration, enrichment, and counseling within a continuum of service options; grouping practices that support differentiated learning environments; ways to create learning environments that allow individuals to retain and appreciate their own and each others' respective language and cultural heritage; demonstration of use of instructional time; integration of curriculum and instructional strategies. Required field experience in diverse settings - 30 hours.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDSP 586 - G/T Program Design & Pract II**

# **EDSP 586 - G/T Program Design & Pract II**

### **3 Credit Hours**

Students will have knowledge of and demonstrate skill with research curriculum design, development, coordination, and implementation based on various teaching program assessment needs, documentation, issues, design, development, demonstrate instructional implementations, sequencing, integration with reflection, involving the individual and family in program planning and implementation; respect and sensitivity to cultural, linguistic and gender differences; and program assessment needs, documentation, issues, design, development, coordination, and implementation. Required field experiences in diverse settings - 30 hours.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **EDSP 589 - Prog Prac:Severe/Intensive Dis**

# **EDSP 589 - Prog Prac:Severe/Intensive Dis**

### **3 Credit Hours**

This course focuses on specialized interventions for individuals with physical and health disabilities in educational settings; specialized materials for individuals with disabilities; prevention and intervention strategies for individuals with disabilities; technology for planning and managing the teaching and learning environment; select and plan for

integration of related services into the instructional program; create or adapt appropriate learning plans; design and implement curriculum strategies for medical self-management procedures; use appropriate adaptations and assistive technology for all individuals with disabilities. Required field experiences in diverse settings - 30 hours.

**Prerequisites:** ( EDSP570 and EDSP573) or EDSP592

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 591 - ECSPED Learning Theories**

# **EDSP 591 - ECSPED Learning Theories**

### **3 Credit Hours**

Students will investigate and observe learning theory models as a foundation for early childhood intervention - understand development of infants and young children along with the ability to identify specific disabilities and describe implications for development and learning; use instructional practices based on knowledge of the child, family, community, and the curriculum; and support and facilitate family and child interactions as primary contexts for learning and development. Required field experiences in diverse settings - 6 hours.

**Prerequisites:** Graduate level EDSP505 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 592 - ECSPED: Observation & Asmt**

# **EDSP 592 - ECSPED: Observation & Asmt**

### **3 Credit Hours**

Students will demonstrate knowledge and skills with Early Childhood/Special Education intervention assessment, evaluation, techniques, and report writing. This LAB course includes how to select, adapt, administer formal and informal performance based assessment for specific sensory/motor, cognitive, and social disabilities; data collection, summarization, information integration, and term collaboration in various settings (home, public/private centers, schools, classrooms, community agencies); staff and program assessment and evaluation; consultation service practice. LAB field experience required.

**Prerequisites:** Graduate level EDSP591 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 593 - ECSPED: Curriculum Practices**

# **EDSP 593 - ECSPED: Curriculum Practices**

### **3 Credit Hours**

Students in this course will demonstrate curriculum practices of selection, designing, and developing ECSPED intervention classroom methods/materials, implement developmentally appropriate individual/family activities; systematic instruction; access development/progress; participation with interdisciplinary, interagency and intra-agency teams; design/plan/implement process and strategies for transitions; demonstrate understanding of foundations of curriculum, research-based practices. Required field experiences in diverse settings - 30 hours.

**Prerequisites:** Graduate level EDSP591 Minimum grade of B and Graduate level EDSP592 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 601 - Teaching Seminar**

# **EDSP 601 - Teaching Seminar**

### **2 Credit Hours**

Students will demonstrate and articulate professional and personal philosophies of special education, including ethics and standards, objective judgments; research applications and reflective practices concerning teaching/learning. Completion of professional portfolio is required. Student must obtain permission of program director to enroll in this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 603 - M/M Teaching Practicum**

# **EDSP 603 - M/M Teaching Practicum**

### **3 Credit Hours**

This clinical experience course is taken when the student has finished all the required coursework, completed the application process and passed all required tests. Required 16 week clinical experience. To enroll, students must have passed all licensure tests and obtain permission of the program director.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 604 - M/I Teaching Practicum**

# **EDSP 604 - M/I Teaching Practicum**

### **3 Credit Hours**

This clinical experience course is taken when the student has finished all the required coursework, completed the application process and passed all required tests. Required 16 week clinical experience. To enroll, students must have passed all licensure tests and obtain permission of the program director.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 605 - G/T Teaching Practicum**

# **EDSP 605 - G/T Teaching Practicum**

### **3 Credit Hours**

This clinical experience course is taken when the student has finished all the required coursework, completed the application process and passed all required tests. Required 16 week clinical experience. To enroll, students must have passed all licensure tests and obtain permission of the program director.

**Prerequisites:** Graduate level EDSP585 Minimum grade of B and Graduate level EDSP586 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDSP 606 - ECSPED Teaching Practicum**

## **EDSP 606 - ECSPED Teaching Practicum**

#### **3 Credit Hours**

This clinical experience course is taken when the student has finished all the required coursework, completed the application process and passed all required tests. Required 16 week clinical experience. To enroll, students must have passed all licensure tests and must obtain permission of the program director.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDSP 607 - GT Endorsement Practicum**

## **EDSP 607 - GT Endorsement Practicum**

#### **3 Credit Hours**

This clinical experience is taken at the successful completion of all other coursework required for endorsement. The purpose of this experience is to fully transition the information and skills learned in the previous gifted/talented course work to the skillful teaching of students who are identified as gifted and talented. Seminar sessions will be held to set goals, monitor progress and discuss issues.

**Prerequisites:** EDSP582 and EDSP583 and EDSP584 and EDSP585 and EDSP586

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDSP 616 - Philosophy & Cultural Diversit**

## **EDSP 616 - Philosophy & Cultural Diversit**

#### **3 Credit Hours**

This course explores the impact of the American political and legal systems, and social and cultural identity theory upon special education. As the expectations and requirements for educators working with students on disabilities constatly evolve, educators much understand the fundamental political and legal priciples which underlie state, federal and constitutional law in order to advocate for students with disabilities. By examining social and cultural identity theory, the course will provide a framework for students to analyze which claims about educational practices are the most congruent with meeting the needs of learners. Students will also have opportunities to reflect on their own cultural identity and biases; and the culture of the schools and students they serve. The course will survey the sociological problem of the over identification of minorities in special education and suggest strategies to minimize this practice in schools. This course has an online component.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDSP 617 - Administrative Partnerships**

## **EDSP 617 - Administrative Partnerships**

**3 Credit Hours**

This course is designed to incorporate administrative theory and practice as it relates to the role of the school administration partnering with special education staff to implement special education mandates. Aligned with standards of the Interstate School Leaders Licensure Consortium (ISLLC) and the Council for Exceptional Children (CEC), this course details strategies to develop a collaborative partnership between special education staff and the school administration to facilitate the implementation of special education services. There is an online component to this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 618 - Qual & Quant Research**

# **EDSP 618 - Qual & Quant Research**

### **2 Credit Hours**

This course is designed to provide an overview of educational research with an emphasis on special education. The examples provided within current research and the assignments required are specifically designed to teach methodology using specific course material from special education pedagogy. The research process is approached from qualitative and quantitative designs. The course includes methodology and appropriate statistics. The research paper, to be completed in conjunction with the course, requires students to implement selected methods from this course and to become familiar with an area (of their interest) of the research literature in the field of special education. There is an online component to this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 619 - SPED: Research Paper**

# **EDSP 619 - SPED: Research Paper**

### **1 Credit Hours**

The course is designed to provide an overview of educational research with an emphasis on special education. The research process is approached from both qualitative and quantitative design. The course includes methodology and appropriate statistics. The research paper, to be completed in conjunction with the EDSP 618, requires students to implement selected methods from this course and to become familiar with one area (of their interest) of the research literature in the field of special education.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## **EDSP 622 - Differentiatd Math Strat SP/EL**

# **EDSP 622 - Differentiatd Math Strat SP/EL**

### **3 Credit Hours**

This course is designed to prepare both special educators and classroom teachers with the knowledge and skills needed to collaborate, co-teach, and remediate elementary mathematics. Benchmark Strategies and techniques will be explored to enable all students to meet the standards and improve performance on high stakes assessment. Ohio Academic Mathematics Content Standards will be examined in context with the latest NCTM publication, Curriculum Focal Points for Pre-kindergarten through Grade 8 Mathematics, which prioritizes the focus of mathematics in a more coherent, focus taken from NCTM, Principles and Standards for Teaching Mathematics. The general learning format for the course will consist primarily of hands-on, minds-on activities, demonstrations, peer teaching, class discussions, and collaboration between classroom teachers and special educators. Participants are required to be active in their own learning and to be reflective about information presented in this course, their own teaching and the learning of elementary math students.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDSP 648 - Physical/Mental/Med Disabil**

## **EDSP 648 - Physical/Mental/Med Disabil**

**3 Credit Hours**

This course will expose students to the different types and causes of disabilities they are likely to find in their employment; learning about many of the different therapies, both pharmacological and other forms that have been proposed and presented to treat these disabilities; gaining of the knowledge and skills to help individuals and families with disabilities sort out the helpful from the hopeless therapies and treatments.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDSP 695 - Ind Reading & Research**

## **EDSP 695 - Ind Reading & Research**

**1 - 6 Credit Hours**

Special topics examined through independent research. Must be approved by program director.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 284 - Alfred Hitchcock in Hollywood**

## **EDWS 284 - Alfred Hitchcock in Hollywood**

**2 Credit Hours**

This course is designed for undergraduates and serves as both an in-depth investigation of a major artist and an exploration of American attitudes and institutions during World War II, the Cold War, and the upheavals of the 1960s and early 70s. Students are required to do a significant amount of reading and writing.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDWS 286 - America Through the Lens**

## **EDWS 286 - America Through the Lens**

**2 Credit Hours**

Films and television programs will be analyzed in order to both identify the cultural and historical messages they contain. The formulas and conventions of Hollywood genres will be examined. This understanding of genre will serve as a primary analytical tool as we de-construct the films and television programs studied in class.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDWS 288 - Un-"Happy Days": Fear in 1950'**

## **EDWS 288 - Un-"Happy Days": Fear in 1950'**



**2 Credit Hours**

This course is designed for undergraduates and serves to introduce students to the study of mass media as well as a crucial decade in American history. It also explores the use and misuse of history, calling into question the tendency to serve up history in ten year units (i.e., the opening lecture is "The Fifties: 1935-1992"). Students are required to do a significant amount of reading (two books and a handful of reviews) and writing (five short reaction papers and a longer analytical paper).

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDWS 305 - Writing is Power: Writer Wkshp**

## EDWS 305 - Writing is Power: Writer Wkshp

**2 Credit Hours**

0

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDWS 310 - Addiction: An Epidemic**

## EDWS 310 - Addiction: An Epidemic

**1 Credit Hours**

Various forms of addiction are becoming the leading social problems of this century. An overview of addiction will be imparted as well as specific manifestations such as sex, gambling, eating disorders, and drugs. The impact of addiction on the individual, family, and society will be discussed.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDWS 319 - Music & Mvmnt for Class Teachr**

## EDWS 319 - Music & Mvmnt for Class Teachr

**1 Credit Hours**

This workshop is designed to integrate music and movement into the classroom connecting to all subjects through the arts. Multi-cultural interdisciplinary in structure and interactive. Class members create materials to use in the classroom to extend learning. This workshop is for arts teaching, movement and physical movement for all ages and special interests. A student and performer of the Dalcroze method will present the work of Dalcroze to develop mind and body coordination.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

**EDWS 336 - The "Sixties": 1945-1975**

## EDWS 336 - The "Sixties": 1945-1975

**2 Credit Hours**

Taking issue with the ideology that history comes in neat ten-year packages, this course places the period of upheaval often called "the sixties" into a larger historical framework. We will identify and analyze movements and ideologies that preceded, overlapped and followed the 1960's in order to place the events of the decade into a purposeful context. We will examine the cold war state, Vietnam, Watergate, and the cultural and the political polarization exacerbated by the 2004 Presidential election, among other historical benchmarks. The point is to define the historical precedents that provoked the events of the 1960's, and to show how the beliefs and actions of that decade continue to have a transformative effect on contemporary America. In addition to historical documents, we will make extensive use of other cultural artifacts, including literature, music, television programs and, in particular, the American films of the 1960's and 1970's.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDWS 339 - Sexism & Racism in Society**

# **EDWS 339 - Sexism & Racism in Society**

#### **1 Credit Hours**

This course will explore the causes and effects of racial and gender stereotyping, prejudice, and discrimination on the individual, institutional, and cultural level. Emphasis will be on education, the workplace, interpersonal relations, and communication.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDWS 345 - Zoos are Classrooms**

# **EDWS 345 - Zoos are Classrooms**

#### **1 Credit Hours**

Demonstrate how zoos may be used as an educational facility. Animal behavior, ecology, evolution, conservation, adaptations, classification, and other zoo-related topics will be examined.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDWS 355 - Make & Take K-8 Wrld Mus Inst**

# **EDWS 355 - Make & Take K-8 Wrld Mus Inst**

#### **2 Credit Hours**

Hands-on workshop building and playing simple musical instruments. No musical or technical skills are required. Designed for the general kindergarten to 8th grade classroom teacher. Along with musical activities creative ways of teaching math, science, history, the visual arts, and multi-cultural awareness will be explored.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDWS 360 - Family and Society**

# **EDWS 360 - Family and Society**

#### **2 Credit Hours**

A study of marriage preparation, partner selection, marital adjustment, family structure and functions, and marital dissolution. Current problems facing the family will be explored with an emphasis on macro and micro intervention strategies which may be employed for problem resolution.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **EDWS 370 - Intervention with Abused Child**

# EDWS 370 - Intervention with Abused Child

## 1 Credit Hours

This course is designed to acquaint the student with the different types of child abuse, family dynamics, and profiles of victims and offenders. Knowledge of various intervention strategies will be imparted.

Levels: Graduate Undergraduate

*College of Professional Sci School of Education*

## EDWS 372 - Chaos-Free Classroom Mgmt

# EDWS 372 - Chaos-Free Classroom Mgmt

## 2 Credit Hours

This workshop will be offered in a literature based constructivist classroom. Participants will experience how to develop a classroom environment that supports constructivist teaching, establish teaching routines for self-management learning, and create a community of learners without chaos.

Levels: Graduate Undergraduate

*College of Professional Sci School of Education*

## EDWS 386 - Geography Across Curriculum

# EDWS 386 - Geography Across Curriculum

## 2 Credit Hours

Integrate geography by using a whole language approach through reading, creative writing, research, grammar, and other areas such as art, music, and the sciences. The goal is to teach an appreciation of world cultures.

Levels: Graduate Undergraduate

*College of Professional Sci School of Education*

## EDWS 390 - Plants in the Classroom

# EDWS 390 - Plants in the Classroom

## 2 Credit Hours

Lectures, lab activities and field trips to demonstrate how plant material may be used in the classroom.

Levels: Graduate Undergraduate

*College of Professional Sci School of Education*

## EDWS 408 - Women & Societal Violence

# EDWS 408 - Women & Societal Violence

## 1 Credit Hours

A historical perspective on violence against women. Modern day forms of violence against women and intervention will be studied. Prosecution of cases will be presented and treatment strategies for offenders will be explored.

Levels: Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDWS 414 - Motivating for Achievement**

# **EDWS 414 - Motivating for Achievement**

### **2 Credit Hours**

Concept of motivation as it applies to achievement will be defined, analyzed and discussed in depth. Internal and external motivation, the role of self, the environment, communication, goal setting and reward systems, concept of empowerment will be explored.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDWS 440 - Treating Sex Offenders & Victi**

# **EDWS 440 - Treating Sex Offenders & Victi**

### **1 Credit Hours**

workshop will explore treatment issues and approaches for working with sex offenders, victims, and other family members.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDWS 441 - Phonics Merged with Whole Lang**

# **EDWS 441 - Phonics Merged with Whole Lang**

### **2 Credit Hours**

Course will offer a brief theoretical overview, then demonstrate a sequenced language program for children between the ages of 4 and 8. Emphasis will be on developing a systematic phonics program that incorporates the principles of whole language. Students will demonstrate their understanding of the integration by creating language materials that can be used by children in different stages of skill acquisition. The workshop will engage students in activities that demonstrate the integrated curriculum in all areas of language acquisition: reading, writing, spelling, listening, and talking.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

## **EDWS 501 - Adapt Teach Tech to Learn Styl**

# **EDWS 501 - Adapt Teach Tech to Learn Styl**

### **0 - 2 Credit Hours**

Topics will include: learning style elements, construction of content area materials, analyzing participants teaching styles as well as learning styles, multi-sensory memorization, interpretation of student profiles, applications to homework, teaching global students, characteristics of the gifted, approaches for tactile, kinesthetic children, juggling varied learning styles, time management, understanding of nine-view of learning style research, sharing successful programs and implications for critical thinking.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 505 - Supporting Recovery - Trauma

# EDWS 505 - Supporting Recovery - Trauma

### 0 - 2 Credit Hours

This course will provide information and experience to help counselors and educators further their understanding of trauma and their ability to recognize hidden signs of trauma. Dialogue with professionals working in the field of trauma will provide different ways of supporting the healing of trauma and its aftermath, and caring for one's self in the process. Specific emphasis is given to the body because of the nervous system damage which occurs in trauma and which needs to be attended to if a thorough treatment is to be designed. These will include Sensorimotor Psychotherapy, EDMR, Movement Therapy, and Presence Practice. Presentations, readings, video, art, movement, and reflective writing will support the learning process.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Counseling*

## EDWS 507 - Prof Ethics for Educators

# EDWS 507 - Prof Ethics for Educators

### 1 Credit Hours

The focus of this workshop will be exploring the ethical situations facing the professional educator through group discussions, individual reactions to various scenarios. This will include the impact of the ethical decisions relating to various aspects of the educational setting.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 508 - The Body in Mind-Body Therapy

# EDWS 508 - The Body in Mind-Body Therapy

### 0 - 2 Credit Hours

This course will introduce students to theory and principles of body psychology and teach techniques to understand the language of the body to enhance cognitive-behavioral or other theoretical approaches in counseling as well as in education. Local guest practitioners will provide examples of their work to familiarize participants with local applications of this work, and available resources. The course will also encourage increased observation skills, practical therapy techniques, and self-awareness by using movement, artistic activity, discussion, and reflective writing in an enjoyable atmosphere of exploration and discovery. Further information available on content and previous student responses at [www.edgutfreund.com](http://www.edgutfreund.com)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 510 - Education Through the Senses

# EDWS 510 - Education Through the Senses

### 0 - 2 Credit Hours

This course is designed for teachers and school counselors to expand their abilities to use their own senses, and to support the healthy sensory development of students. This leads to more effective educational relationships and more effective learning. The course will educate your five senses and several others you may not have known about. Goals include developing a broader frame of reference about learning and child development, supporting learning for freedom, and responsibility, and recognizing the physical/bodily expressions of who the child is. Topics will include Rudolf Steiner's twelve sense, Sensory Integration, creating safety and acceptance - essentials for learning; a less pathologizing approach to children's DSM-IV diagnoses, spectrum disorders, attachment issues and important under-noticed effects of trauma as learning difficulty. Further

information found at [www.edgutfreund.com](http://www.edgutfreund.com)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDWS 511 - Cath School Leadership: FPS**

## **EDWS 511 - Cath School Leadership: FPS**

#### **2 Credit Hours**

Focuses on the knowledge and skills needed to foster exciting and challenging visions of Catholic school leadership as we move into the new millennium. Looks at the latest research and thinking about leadership, and particularly as the literature distinguishes it from management or administration.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDWS 512 - Cath School Leadership: PPT**

## **EDWS 512 - Cath School Leadership: PPT**

#### **2 Credit Hours**

Professional development workshop which addresses the practical aspects of administrative leadership in a Catholic school. Focuses on the many problem solving challenges that administrators and teachers face on a daily basis.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDWS 513 - Leading a Catholic School: FMD**

## **EDWS 513 - Leading a Catholic School: FMD**

#### **2 Credit Hours**

A professional development workshop that applies the skills and dynamics of effective leadership to the successful administration of a Catholic school. Addresses the essential requirements and implications of what it means to be the educational and spiritual leader of a Catholic school.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDWS 515 - Religious Found for C. S. Lead**

## **EDWS 515 - Religious Found for C. S. Lead**

#### **2 Credit Hours**

Focuses on what educational leaders and teachers in a Catholic school must possess within themselves in order to promote a living and conscious faith among students. At the heart of this endeavor is a working knowledge of the basic beliefs of the Church, the meaning of the catechetical process, faith development, how to read and interpret the

Scriptures, how to assist students in being at home with the sacraments and the Eucharist as the source and summit of Christian life.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDWS 519 - Child & Adolescent Chronic Ill**

## **EDWS 519 - Child & Adolescent Chronic Ill**

#### **1 Credit Hours**

This intensive course will examine the child and adolescent with chronic illness and discuss treatment approaches from a multi-disciplinary or bio-psycho-social intervention model. The instructor will draw upon extensive experience and observations from working in clinics, hospitals or in the field with children who have been diagnosed with such disorders as: cancer, hemophilia, AIDS, diabetes, sickle cell anemia, endocrine/growth problems, cleft palate, genetic anomalies, mental health DSM-IV disorders, as well as children with multiple handicaps and disabilities. Emphasis will be given to practical ways counselors and other mental health professionals and teachers can build and maintain therapeutic relations with children who have been dealt this difficult challenge of handling a chronic or life threatening illness. Additionally, this course will give special attention to identifying needs, assessing, and treating families and siblings of children who have a chronic illness.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDWS 520 - Gestalt Therapy**

## **EDWS 520 - Gestalt Therapy**

#### **1 Credit Hours**

Introduction to theoretical foundations and therapeutic techniques of Gestalt therapy with particular emphasis on experimental learning.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDWS 528 - Avoiding Teacher Burnout**

## **EDWS 528 - Avoiding Teacher Burnout**

#### **1 Credit Hours**

Teaching is only second to police work in terms of rates of job burnout. It is a stressful occupation that has become more so in the past 20 years. This workshop provides the participant with research-based strategies proven to make the at-risk school teacher more resilient and more capable of handling the stress of teaching in healthy, life-affirming ways.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

### **EDWS 529 - Dealing with Tough Kids: Disci**

## **EDWS 529 - Dealing with Tough Kids: Disci**

**1 Credit Hours**

Effectively dealing with student behavior in the classroom has become a major concern for teachers in schools today. This workshop gives a full range of proactive and reactive approaches for managing these behaviors effectively so effective instruction can proceed. Based in a research-based theoretical framework, participants are presented a range of effective techniques.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 533 - Awakening Young Adult Learners**

## **EDWS 533 - Awakening Young Adult Learners**

**1 Credit Hours**

This course will provide examples of learning profiles and extend the work of Education through the Senses (EDWS 510) to empower young adult learners (16-25) whose transition to adulthood is stressed because they are frustrated with their learning. It will help with stamina, pacing and engagement for effective learning.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 535 - Treating Dissociation Disorder**

## **EDWS 535 - Treating Dissociation Disorder**

**1 Credit Hours**

Hands-on workshop building and playing simple musical instruments. No musical or technical skills are required. Designed for the general kindergarten to 8th grade classroom teacher. Along with musical activities creative ways of teaching math, science, history, the visual arts, and multi-cultural awareness will be explored.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 541 - EDUC: Challenging Perceptions**

## **EDWS 541 - EDUC: Challenging Perceptions**

**1 Credit Hours**

This workshop will explore challenges facing the teaching profession. The emphasis will focus on perceptions, conceptions about the educational career experience. Designed specifically for teachers who are within their first five years of their career. What districts, personnel, administration can do for you.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 544 - Zoos are Classrooms**

## **EDWS 544 - Zoos are Classrooms**



**1 Credit Hours**

Demonstrate how zoos may be used as an educational facility. Animal behavior, ecology, evolution, conservation, adaptations, classification, and other zoo-related topics will be examined.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 572 - Chaos-Free Classroom Mgmt**

# EDWS 572 - Chaos-Free Classroom Mgmt

**0 - 2 Credit Hours**

This workshop will be offered in a literature based constructivist classroom. Participants will experience how to develop a classroom environment that supports constructivist teaching, establish teaching routines for self-management learning, and create a community of learners without chaos.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 580 - Marital & Family Therapy**

# EDWS 580 - Marital & Family Therapy

**2 Credit Hours**

Provides an overall introduction into marital and family therapy in teaching a range of psychological disorders. Acquaints the student with the latest advances in assessment and therapeutic intervention procedures from a marital and family therapeutic perspective.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 583 - Poetry for Children**

# EDWS 583 - Poetry for Children

**2 Credit Hours**

The Poetry for Children Workshop will be an intensive study of poetry written for children and young adults. This workshop is designed for teachers and/or interested participants who enjoy reading and writing poetry.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 586 - Geography Across Curriculum**

# EDWS 586 - Geography Across Curriculum

**2 Credit Hours**

Integrate geography by using a whole language approach through reading, creative writing, research, grammar, and other areas such as art, music, and the sciences. The goal is to teach an appreciation of world cultures.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 617 - EC Math: Probability & Geometr**

# EDWS 617 - EC Math: Probability & Geometr

**2 - 3 Credit Hours**

This course investigates the conceptual development of probability, data analysis, geometry and spatial sense in young children. Participants will actively explore these mathematical concepts through experimentation, discovery, manipulation, discussion, calculators and computers. Emphasis will be placed on both the content and pedagogy of the National Council of Teachers of Mathematics Content Standards, the Ohio Academic Content Standards and the Archdiocese of Cincinnati Graded Course of Studies in the area of Probability and Geometry.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 619 - Music & Movemt for Classrm Tea**

# EDWS 619 - Music & Movemt for Classrm Tea

**1 Credit Hours**

This workshop is designed to integrate music and movement into the classroom connecting to all subjects through the arts. Multi-cultural interdisciplinary in structure and interactive. Class members create materials to use in the classroom to extend learning. This workshop is for arts teaching, movement and physical movement for all ages and special interests. A student and performer of the Dalcroze method will present the work of Dalcroze to develop mind and body coordination.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 624 - Teaching with Technology**

# EDWS 624 - Teaching with Technology

**2 Credit Hours**

Designed to prepare teachers to integrate computer and other technologies into the curriculum. Teachers will have the opportunity to explore and apply word processing, databases, spreadsheets, CD-ROM's, multimedia presentation software, scanners, digital cameras, educational software, Internet, and other technological resources/media. Teachers will learn to effectively integrate technology into curricular objectives.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 625 - Cognitively Guided Math Instct**

# EDWS 625 - Cognitively Guided Math Instct

## 1 Credit Hours

This course is to provide instruction in teaching K-3 arithmetic operations using contextual work problems. The focus is on materials developed by educational research conducted by faculty at the University of Wisconsin.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 641 - Phonics Merged with Whole Lang

# EDWS 641 - Phonics Merged with Whole Lang

## 2 Credit Hours

Course will offer a brief theoretical overview, then demonstrate a sequenced language program for children between the ages of 4 and 8. Emphasis will be on developing a systematic phonics program that incorporates the principles of whole language. Students will demonstrate their understanding of the integration by creating language materials that can be used by children in different stages of skill acquisition. The workshop will engage students in activities that demonstrate the integrated curriculum in all areas of language acquisition: reading, writing, spelling, listening, and talking.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 649 - Hardware & Software Overview

# EDWS 649 - Hardware & Software Overview

## 3 Credit Hours

Analysis of the architecture of microcomputers, workstations, and small to mid-range computers.

**Prerequisites:** Graduate level INFO904 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 650 - Holocaust Studies For Educator

# EDWS 650 - Holocaust Studies For Educator

## 2 Credit Hours

Designed for educators who already possess an undergraduate degree, Holocaust Studies for Educators will teach participants to personalize and humanize the Holocaust, making it relevant for all students in their classrooms. At the workshop, participants will learn about the Holocaust by exposure to the stories of individuals with real names, faces and experience. They will hear first-hand testimony from survivors, refugees and liberators whose homes are in the Cincinnati and Ohio area. Personalizing the Holocaust's survivors, victims, liberators and rescuers is an effective way for teachers to engage and challenge the youth of today.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 651 - Design Thinking

# EDWS 651 - Design Thinking

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 667 - Integrating Science & Literatu

# EDWS 667 - Integrating Science & Literatu

**2 Credit Hours**

This course develops concepts and vocabulary related to themes in children's literature by using simple, easily-understood experiments. Topics which will be addressed include ecology, health, physical science, plants and animals. Science concepts have been selected from the National Science Educational Standards. Examples are: balance, inquiry, cycles and systems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 714 - Motivating for Achievement

# EDWS 714 - Motivating for Achievement

**2 Credit Hours**

Concept of motivation as it applies to achievement will be defined, analyzed and discussed in depth. Internal and external motivation, the role of self, the environment, communication, goal setting and reward systems, concept of empowerment will be explored.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

## EDWS 718 - The Dynamics of Cults

# EDWS 718 - The Dynamics of Cults

**1 Credit Hours**

This workshop focuses on the recent proliferation of cult activity and the issues that are raised by a study of this phenomenon. Practical strategies and suggestions for understanding this topic will be offered. Issues to be examined include: commonly held myths, the vulnerability of individuals to deceptive manipulation, the techniques of attitude change and personality conversion, how conversion states are maintained, the importance of critical thinking, the processes involved in leaving cultic groups and the rehabilitation needs of ex-members.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDWS 719 - Working w/Difficult Tough Chld**

## **EDWS 719 - Working w/Difficult Tough Chld**

**1 Credit Hours**

Identification, assessment and treatment procedures useful in working therapeutically with a range of psychological disorders experienced by children and adolescents.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Education*

**EDXC 242 - Anti-Black Racism and E.V.**

## **EDXC 242 - Anti-Black Racism and E.V.**

**3 Credit Hours**

Through this seminar course, we will examine the existence and impact of anti-Black racism in the form of epistemic violence and its impact on three large systems (Education, Governance, and Media) in the US. This course provides a learning experience for students who are seeking to enhance their abilities to: 1) Recognize anti-black racism and its personal and collective impact on contemporary society, 2) Understand the meaning of epistemic violence and how systemic oppression impacts learning in and outside the classroom, and 3) Develop and enhance skills to promote social justice through intellectual activism.

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Course Attributes:** Diversity Flag, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Professional Sci School of Education*

**ENGL 101 - English Composition**

## **ENGL 101 - English Composition**

**3 Credit Hours**

This course develops knowledge about the rhetorical situation and the writing process through extensive practice with invention, drafting, and revision. There is particular focus on argument, rhetorical analysis, and research-based writing.

**Levels:** Undergraduate

*College of Arts & Sciences English*

**ENGL 115 - Rhetoric**

## **ENGL 115 - Rhetoric**

**3 Credit Hours**

Intensive theoretical and practical study of discourse. For students who have acquired basic writing skills.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar English Major/Minor

**Course Attributes:** Honors

**Levels:** Undergraduate

*College of Arts & Sciences English*

## ENGL 121 - Studies in Poetry

# ENGL 121 - Studies in Poetry

### 3 Credit Hours

Introduction to the genre of poetry, including study of poetic form, figures of speech, styles, and major periods and authors in the British and American traditions.

**Restrictions:** May not be enrolled in one of the following Majors: English

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## ENGL 122 - Studies in Drama

# ENGL 122 - Studies in Drama

### 3 Credit Hours

Introduction to drama as literary text and performance. Includes study of major plays from the Classical period through the present.

**Restrictions:** May not be enrolled in one of the following Majors: English

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## ENGL 124 - Studies in Fiction

# ENGL 124 - Studies in Fiction

### 3 Credit Hours

Introduction to the genre of prose narrative, including both the short story and the novel. Study of the styles and formal elements of fiction in texts from a wide variety of cultures, periods and authors. .

**Restrictions:** May not be enrolled in one of the following Majors: English

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## ENGL 128 - Studies in Black Literature

# ENGL 128 - Studies in Black Literature

### 3 Credit Hours

Introduction to the literature of Black cultures in Africa and the African Diaspora, including the United States and Caribbean.

**Restrictions:** May not be enrolled in one of the following Majors: English

**Course Attributes:** Diversity Flag, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## **ENGL 130 - Epic and Adventures of Heroes**

# **ENGL 130 - Epic and Adventures of Heroes**

### **3 Credit Hours**

An inquiry into the epic genre, the epic hero, and epic values through a careful reading of several ancient and medieval poems.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## **ENGL 132 - Studies in Women's Literature**

# **ENGL 132 - Studies in Women's Literature**

### **3 Credit Hours**

Introduction to the writing of women of various time periods and nationalities, with an emphasis on gender-related issues.

**Restrictions:** May not be enrolled in one of the following Majors: English

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, GDST Women and Gender Conc, Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## **ENGL 142 - Classical Tragedy**

# **ENGL 142 - Classical Tragedy**

### **3 Credit Hours**

A study of the tragic form, its poetry, and its use of myth through a careful reading of several plays of Aeschylus, Sophocles, Euripides, and Seneca.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Restrictions:** May not be enrolled in one of the following Majors: English

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## **ENGL 146 - Classical Comedy & Satire**

# **ENGL 146 - Classical Comedy & Satire**

### **3 Credit Hours**

A study of ancient classical writings, comedies which were presented on the stage, and satirical poems.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Restrictions:** May not be enrolled in one of the following Majors: English

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## **ENGL 201 - Writing About Texts**

# **ENGL 201 - Writing About Texts**

### **3 Credit Hours**

This Writing Flag course is designed for non-majors. It examines the construction of meaning and knowledge through the processes of reading and writing.

**Course Attributes:** Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 202 - Intro to Creative Writing**

# **ENGL 202 - Intro to Creative Writing**

### **3 Credit Hours**

Introduction to creative writing, including practice in poetry, drama, and fiction.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 205 - Literature & Moral Imagination**

# **ENGL 205 - Literature & Moral Imagination**

### **3 Credit Hours**

Personal and social ethical issues in literature. Theme varies per instructor.

**Course Attributes:** Lit and Moral Imagination

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 210 - Methods Workshop**

# **ENGL 210 - Methods Workshop**

### **3 Credit Hours**

Methods Workshop is a course for English majors/minors only, designed to introduce these students to the disciplinary conventions of reading, discussing, researching and writing with English. Course will focus its units around reading literature, discussing literature, and writing researched arguments about literature.

**Prerequisites:** ENGL101 or ENGL115



**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): English Professional Education

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 221 - Poetry**

## **ENGL 221 - Poetry**

**3 Credit Hours**

An intensive critical and historical study of British and American poetry.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Course Attributes:** Humanities Elective, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 301 - Expos/Research Writing**

## **ENGL 301 - Expos/Research Writing**

**3 Credit Hours**

This course is designed to aid majors and non-majors in the composition of non-fiction essays, reports and research papers.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 302 - Modern Literary Theory**

## **ENGL 302 - Modern Literary Theory**

**3 Credit Hours**

Study of contemporary literary theory and its application to selected texts.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 303 - History of Literary Criticism**

## **ENGL 303 - History of Literary Criticism**

**3 Credit Hours**

From Aristotle through the modern period.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 304 - Teaching & Research in Writing**

# **ENGL 304 - Teaching & Research in Writing**

**3 Credit Hours**

Current theories on the teaching of writing in secondary school. Instruction and practice in expository writing.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 305 - Professional Writing**

# **ENGL 305 - Professional Writing**

**3 Credit Hours**

This course teaches students the rhetorical principals and writing practices necessary for shaping their professional writing for multiple audiences, and a variety of professional situations. It begins with a short introduction to rhetorical theory, examining how the concepts of writer, audience, purpose, and language interact in public and professional rhetorical situations.

**Prerequisites:** ENGL101 or ENGL115

**Course Attributes:** Humanities Elective, Immersive Learning Experience, Oral Communication Flag, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 307 - Humanities Internship**

# **ENGL 307 - Humanities Internship**

**3 Credit Hours**

This course prepares students for workplace experiences in a professional setting.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 308 - Creative Writing**

# **ENGL 308 - Creative Writing**

**3 Credit Hours**

Introduction to creative writing, including practice in poetry, drama, and fiction.

**Course Attributes:** Creative Perspectives, Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 309 - Creative Writing: Poetry**

# **ENGL 309 - Creative Writing: Poetry**

**0 - 3 Credit Hours**

Instruction and intensive practice in writing poetry.

**Course Attributes:** Creative Perspectives, Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 310 - Creative Writing: Fiction**

# **ENGL 310 - Creative Writing: Fiction**

**3 Credit Hours**

Instruction and intensive practice in writing fiction.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Course Attributes:** Creative Perspectives, Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 311 - Popular Writing**

# **ENGL 311 - Popular Writing**

**3 Credit Hours**

Critical study of popular culture forms and instruction in writing them.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Course Attributes:** Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

### **ENGL 312 - Technical Writing**

# **ENGL 312 - Technical Writing**

**3 Credit Hours**

An introduction to the various modes of technical writing, including manuals, reports and critical analyses.

**Course Attributes:** Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 314 - Writing Journals&Autobiography**

# **ENGL 314 - Writing Journals&Autobiography**

### **3 Credit Hours**

Critical study of these forms and instruction in writing them.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 315 - Composition Tutoring**

# **ENGL 315 - Composition Tutoring**

### **3 Credit Hours**

Training in the theory and practice of composition tutoring.

**Course Attributes:** Diversity Flag, Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 318 - Creative Nonfiction**

# **ENGL 318 - Creative Nonfiction**

### **3 Credit Hours**

Instruction and intensive practice in writing essays, articles and other nonfiction genres.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Course Attributes:** Creative Perspectives, Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 319 - Writing as Social Action**

# **ENGL 319 - Writing as Social Action**

### **3 Credit Hours**

This writing intensive course will examine the history and practice of writing as social action, promoting the Jesuit rhetorical tradition of eloquentia perfecta, the art of communicating well for the common good.

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 320 - Topics in Linguistics**

# **ENGL 320 - Topics in Linguistics**

### **3 Credit Hours**

The socio-synchronic study of language theory and practice.

**Course Attributes:** Gender & Diversity Studies, Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 321 - Hist of the English Language**

# **ENGL 321 - Hist of the English Language**

### **3 Credit Hours**

The socio-historical story of English. Origins, variation, change, legitimization, maintenance and spread of a world language.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 322 - Ethnolinguistics**

# **ENGL 322 - Ethnolinguistics**

### **3 Credit Hours**

A socio-anthropological study of language, culture, and communication. Conversational and discourse analysis. No linguistics background necessary.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 323 - Media and Its Discourses**

# **ENGL 323 - Media and Its Discourses**

### **3 Credit Hours**

This course is about media and its use of language to convey messages about politics, social organization and personal identity.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 328 - Gender, Religion and Violence**

# ENGL 328 - Gender, Religion and Violence

## 3 Credit Hours

This course looks at gendered violence from the perspectives of language and religious studies. Topics include intimate partner violence, sexual assault, sex trafficking and sex work.

**Course Attributes:** Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 330 - Women of the World

# ENGL 330 - Women of the World

## 3 Credit Hours

Women of the World is an upper-level world literature course in which students explore writing by or about women, set in Africa, Asia, South America, and elsewhere.

**Prerequisites:** ENGL101 or ENGL115

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 331 - World Literature

# ENGL 331 - World Literature

## 3 Credit Hours

This course will examine a number of novels by authors from Turkey, Japan, United States, and other countries. Students will begin to develop a global perspective on literature form this course.

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## ENGL 337 - Theories & Research in Writing

# ENGL 337 - Theories & Research in Writing

## 3 Credit Hours

0

**Course Attributes:** Humanities Elective, Quantitative Reason Flag Full, Writing Flag Core

**Levels:** Undergraduate

*College of Arts & Sciences English*

## ENGL 339 - Digital Writing

# ENGL 339 - Digital Writing

## 3 Credit Hours

The study and production of thoughtful web-based genres.

**Prerequisites:** ENGL101 or ENGL115

**Course Attributes:** Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 340 - World Drama

# ENGL 340 - World Drama

## 3 Credit Hours

This course will direct students through a broad survey of international plays. We will focus our studies on plays on non-American (including non-Western) origin. course requirements will include an oral presentation and a research paper. Readings will be drawn from some of the following playwrights: Sophocles and Euripides (Greek), Shakespeare and Churchill (English), Ibsen (Norwegian), Brecht (German), Beckett and Friel (Irish), Soyinka (Nigerian), Fugard (South African), Makoto (Japanese), Gambaro (Argentinean), Wertebaker (Australian), Cesaire (West Indian).

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 342 - Literature & Poverty

# ENGL 342 - Literature & Poverty

## 3 Credit Hours

This course explores literature written about, and by, those who find themselves at the margins of a culture. This course is wide in breadth and depth, covering writers from Gwendolyn Brooks and Euripides to John Steinbeck and writers living in the Over-the-Rhine section of Cincinnati, Ohio.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 344 - Major Black Writers of World

# ENGL 344 - Major Black Writers of World

## 3 Credit Hours

Study of black authors from around the world with emphasis on African, Caribbean, and British Commonwealth writers.

**Course Attributes:** Africana Studies Minor, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 348 - Lit & the Environment

# ENGL 348 - Lit & the Environment

### 3 Credit Hours

This course examines literature's role in Western environmentalism from the 1700s to the present. course readings include British and American fiction, poetry, and nonfiction, as well as canonical works of literary ecocriticism.

**Prerequisites:** ENGL101 or ENGL115

**Course Attributes:** Environ Science/Studies Elect, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 350 - Modern Jewish Fiction

# ENGL 350 - Modern Jewish Fiction

### 3 Credit Hours

The narrative tradition of European and American Jewish writers from the late nineteenth century to the present.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 351 - Jewish American Literature

# ENGL 351 - Jewish American Literature

### 3 Credit Hours

This course examines Jewish American literature from the late 19th century to the present, with particular emphasis on prose fiction and poetry. Themes include immigration, assimilation, anti-Semitism, the effect of the Holocaust, gender relations, Jewish religious belief and spirituality, Jewish textual traditions and American/Israeli relations. Frequently studies authors include Reznikoff, Bellow, Roth, Malamud, Ozick, Rothenberg and Grossman.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Course Attributes:** Humanities Elective, Jewish Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences English*

## ENGL 352 - African Literature

# ENGL 352 - African Literature

### 3 Credit Hours

A survey of literature produced by Africans focusing on historical, thematic, and generic connections, while also paying attention to factors which influence African authors as individuals and as part of literary movements.

**Prerequisites:** ENGL101 or ENGL115

**Course Attributes:** GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective



**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 358 - Black America Since 1865**

## **ENGL 358 - Black America Since 1865**

**3 Credit Hours**

Examination of historical and literary texts by black Americans from 1865 through the mid-1960s.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 359 - Gender & Diversity in Film**

## **ENGL 359 - Gender & Diversity in Film**

**3 Credit Hours**

Critical study of Hollywood and independent film representations of women, people of color, and gays, lesbians and transgendered people with an emphasis on applying contemporary critical theories of film.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 360 - Women Writers**

## **ENGL 360 - Women Writers**

**3 Credit Hours**

Study of literature by women and some feminist theoretical approaches to women's literature in selected genres and periods.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, GDST Women and Gender Conc, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 362 - Technologies of Gender**

## **ENGL 362 - Technologies of Gender**

**3 Credit Hours**

Examination of the ways in which women's bodies are both constructed and deconstructed in postmodern culture and the ethical, social, and political implications of these processes for the well-being of women. We will focus on technologies of gender, i.e., those sets of cultural practices that make the body gendered.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 364 - Jane Austen: Then & Now**

# **ENGL 364 - Jane Austen: Then & Now**

### **3 Credit Hours**

This course explores the historical context and enduring popularity of the works of Jane Austen. We will discuss Austen's six novels, five film adaptations, some contemporary criticism, and some other recent adaptations of her work.

**Course Attributes:** Gender & Diversity Studies, GDST Women and Gender Conc, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 366 - Feminist Theory**

# **ENGL 366 - Feminist Theory**

### **3 Credit Hours**

This course considers some of the major tenets of and issues in contemporary feminist theories and their applications to literary texts.

**Course Attributes:** Gender & Diversity Studies, GDST Women and Gender Conc, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 368 - British Women Writers**

# **ENGL 368 - British Women Writers**

### **3 Credit Hours**

This course examines literature written by British women from the Renaissance to the mid-twentieth century. Course includes poetry, fiction, and drama.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 370 - Writings by Sexual Minorities**

# **ENGL 370 - Writings by Sexual Minorities**

### **3 Credit Hours**

This course focuses on the literature produced by gay and lesbian writers.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, GDST Women and Gender Conc, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 371 - War & Peace in Wrld Literature

# ENGL 371 - War & Peace in Wrld Literature

### 3 Credit Hours

The representation and interpretation of war and peace in literature of the last 100 years from Europe, Asia, Africa, and Latin America. The Middle East receives special attention.

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 372 - War & Peace in Lit & Film

# ENGL 372 - War & Peace in Lit & Film

### 3 Credit Hours

This course examines the debates and arguments concerning war and pacifism in a variety of literary texts and popular films.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 374 - Marxism and Literature

# ENGL 374 - Marxism and Literature

### 3 Credit Hours

This course offers a critical reading of literary texts through the lens of various modes of Marxist critical methodology.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 375 - Literature & Arts in Ireland

# ENGL 375 - Literature & Arts in Ireland

### 3 Credit Hours

Poetry, drama, fiction, music, and art from various Irish artists. Study takes place abroad in Ireland and is supplemented by several field trips, tours, performances, and cultural events.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 376 - Lit and the Arts In Britain

# ENGL 376 - Lit and the Arts In Britain

## 3 Credit Hours

This course explores the historical contexts of a range of British literary works, each related to a place or theatrical production that students experience during Xavier's five week summer program in London. Students will acquire basic tools for understanding how literature is written in relation to the times and places for which it is produced.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 385 - Science Fiction

# ENGL 385 - Science Fiction

## 3 Credit Hours

This course examines the work of a literary genre often underestimated in terms of its impact on ideas about the future, ethics and politics.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 390 - Sem: Modern Jewish Fiction

# ENGL 390 - Sem: Modern Jewish Fiction

## 3 Credit Hours

A seminar for majors, minors and honor students, focusing on contemporary Jewish fiction - Philip Roth and Cynthia Ozick, for example.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 391 - Sem: Major Women Authors

# ENGL 391 - Sem: Major Women Authors

## 3 Credit Hours

A seminar for majors, minors and honor students, focusing on women writers across the centuries, from Charlotte Bronte to Alice Walker.

**Course Attributes:** Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 397 - Sem: Electronic Literacy

# ENGL 397 - Sem: Electronic Literacy

**3 Credit Hours**

This course is an introduction to computer use and facility. Primarily for the novice unfamiliar with the Internet and its potential.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 408 - Dante and the Modern Reader**

## ENGL 408 - Dante and the Modern Reader

**3 Credit Hours**

Close reading of Dante's "Vita Nuova" and the canticles of the "Commedia."

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 410 - Chaucer: The Canterbury Tales**

## ENGL 410 - Chaucer: The Canterbury Tales

**3 Credit Hours**

A close reading of the major Tales in Middle English. This course emphasizes the cultural, historical, and philosophical elements in the texts with a special consideration of Chaucer's response to the antifeminist tradition of the Middle Ages.

**Course Attributes:** Catholicism & Culture Minor, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 411 - Medieval Women's Writing**

## ENGL 411 - Medieval Women's Writing

**3 Credit Hours**

Students will read modern-English translations of works in multiple genres composed by women in Europe between the eighth and fifteenth centuries. Primary texts will also be supplemented by works of literary and historical criticism.

**Prerequisites:** ENGL101 or ENGL115

**Course Attributes:** Gender & Diversity Studies, GDST Women and Gender Conc, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 414 - Tolkien**

## ENGL 414 - Tolkien

**3 Credit Hours**

Students will explore medieval themes in the fiction of J.R.R. Tolkien. Critical scholarship by Tolkien and others will serve as a crucial backdrop for our analysis.

**Levels:** Undergraduate

*College of Arts & Sciences English*

**ENGL 415 - Early English Literature**

# ENGL 415 - Early English Literature

**3 Credit Hours**

Critical and cultural study of classic texts from Beowulf through Spenser.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 425 - Shakespeare**

# ENGL 425 - Shakespeare

**3 Credit Hours**

Major plays in the genres of tragedy, comedy, tragicomedy, and history.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 429 - Renaissance Drama**

# ENGL 429 - Renaissance Drama

**3 Credit Hours**

Non-Shakespearean drama of the Elizabethan and Jacobian periods: Marlowe, Jonson, Webster, and others.

**Course Attributes:** ERS Focus Elective, Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 430 - 17th Century Literature**

# ENGL 430 - 17th Century Literature

**3 Credit Hours**

The poetry and prose of the 17th century from Donne to Milton.

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 435 - Milton**

## **ENGL 435 - Milton**

**3 Credit Hours**

This course focuses on the major works of poet/critic John Milton.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 441 - 18th Cent British Literature**

## **ENGL 441 - 18th Cent British Literature**

**3 Credit Hours**

British poetry, drama, and fiction including works by Dryden, Behn, Pope, Swift, Defoe, Sterne, and Wollstonecraft.

**Course Attributes:** Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 450 - British Romantic Literature**

## **ENGL 450 - British Romantic Literature**

**3 Credit Hours**

Poetry and selected nonfiction prose from 1780 to 1830.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 460 - Love, Sex, Gender: Vict Poetry**

## **ENGL 460 - Love, Sex, Gender: Vict Poetry**

**3 Credit Hours**

The interrelated subjects of love, sex, and gender as treated by the major Victorian poets such as Tennyson, Browning, Clough, Patmore, Hopkins, and Housman.

**Course Attributes:** Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 462 - Victorian Writing

# ENGL 462 - Victorian Writing

### 3 Credit Hours

This course focuses on the aesthetics of the Victorian authors.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 463 - Victorian Poetry and Poetics

# ENGL 463 - Victorian Poetry and Poetics

### 3 Credit Hours

This course is a study of Victorian poetry and Victorian theories of Arnold, Dante and Christina Rossetti, Elizabeth Barrett Browning, William Morris, and Gerald Manley Hopkins. Attention is also given to recent scholarship and criticism of Victorian poetry.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 464 - Engl Novel: Dickens to Conrad

# ENGL 464 - Engl Novel: Dickens to Conrad

### 3 Credit Hours

A close reading of the major novels of the mid and late nineteenth century. Attention will be given to three long (700-900) page novels as well as two shorter novels. Emphasis will be on the treatment of significant themes such as gender relations, class relations, imperialism, sexuality, social and historical change, and moral conflict and ambiguity.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 465 - 18th C Novel: Behn to Austen

# ENGL 465 - 18th C Novel: Behn to Austen

### 3 Credit Hours

Focus on development of the British novel with attention to the dynamic social and cultural conditions of eighteenth-century England, the fluidity of the term "novel" at the time, and the particular contributions of women writers (Behn, Defoe, Richardson, Fielding, Smollett, Sterne, Lennox, Burney and Austen).

**Prerequisites:** ENGL101 or ENGL115 or EDMS999

**Course Attributes:** Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*



## ENGL 466 - Transgressive Texts & Alt Pub

# ENGL 466 - Transgressive Texts & Alt Pub

### 3 Credit Hours

This course will treat texts/books that have been forbidden, altered, and suppressed by political or ecclesiastical authorities. The question raised throughout the course will be what alternative publics does the transgressive text seek to define and create.

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 468 - Transatlantic Literature

# ENGL 468 - Transatlantic Literature

### 3 Credit Hours

Study of British and American texts from the 19th and early 20th centuries, with particular emphasis on artistic, theoretical, and formal exchanges of influence between these two national literary traditions.

**Prerequisites:** ENGL101 or ENGL115

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 470 - Modern British Literature

# ENGL 470 - Modern British Literature

### 3 Credit Hours

Twentieth-century British poetry, fiction, and drama. Student should have some background in the analysis of poetry.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 472 - Modern Drama

# ENGL 472 - Modern Drama

### 3 Credit Hours

British, American, and European drama from Ibsen to the present.

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 475 - Modern Irish Literature

# ENGL 475 - Modern Irish Literature

## 3 Credit Hours

Poetry, drama, and fiction by a variety of Irish authors, including Yeats, Synge, Joyce, and Friel.

**Prerequisites:** Undergraduate level ENGL101 Minimum grade of D or Undergraduate level ENGL115 Minimum grade of D or EDMS999

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 479 - Literature of the America West

# ENGL 479 - Literature of the America West

## 3 Credit Hours

Literature of the American West: Examines novels and short stories set in the American West, past and present, by authors such as Stephen Crane, Dorothy Johnson, Cormac McCarthy, Sherman Alexie, E.L. Doctorow, and Annie Proulx.

**Prerequisites:** ENGL101 or ENGL115 or EDMS999

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 480 - Amer Renaissance: 1830-1865

# ENGL 480 - Amer Renaissance: 1830-1865

## 3 Credit Hours

Textual and cultural study of Transcendentalism, the American romance, and other writing of this period.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 481 - American Realism: 1865-1915

# ENGL 481 - American Realism: 1865-1915

## 3 Credit Hours

Textual and cultural study of various genres from the Civil War to the eve of Modernism.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## ENGL 482 - Modern American Fiction

# ENGL 482 - Modern American Fiction

## **3 Credit Hours**

Textual and cultural study of American short stories and novels from 1915 to 1945.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 483 - Modern American Poetry**

# ENGL 483 - Modern American Poetry

## **3 Credit Hours**

Textual and cultural study of poets such as Pound, Eliot, Williams, and Stevens.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 484 - African-American Literature**

# ENGL 484 - African-American Literature

## **3 Credit Hours**

Textual and cultural study of Afro-American writing from the 18th century to the present.

**Course Attributes:** Africana Studies Minor, Diversity Flag, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 485 - American Gothic Literature**

# ENGL 485 - American Gothic Literature

## **3 Credit Hours**

Texts of terror and horror in American literature of the 19th and 20th centuries.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 486 - Contemporary Amer Fiction**

# ENGL 486 - Contemporary Amer Fiction

**3 Credit Hours**

This course examines 20th and 21st century literature by American writers.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 487 - Contemp American Poetry**

# ENGL 487 - Contemp American Poetry

**3 Credit Hours**

This course explores American poetry written after the 1940s and concerns a variety of poetic movements after Modernism.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 488 - Humor in American Literature**

# ENGL 488 - Humor in American Literature

**3 Credit Hours**

This course is organized historically to trace a variety of important forms of humor in American literature from the 18th century to the present.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 489 - American Minority Literature**

# ENGL 489 - American Minority Literature

**3 Credit Hours**

Study of a wide range of American minority literature from the mid-nineteenth century to the present.

**Prerequisites:** ENGL101 or ENGL115 or EDMS999

**Course Attributes:** Diversity Flag, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 490 - Sem: Contemp American Poetry**

# ENGL 490 - Sem: Contemp American Poetry

**3 Credit Hours**

Intensive study of selected contemporary poets.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 499 - Senior Seminar**

## **ENGL 499 - Senior Seminar**

**3 Credit Hours**

Topics vary.

**Restrictions:** Must be enrolled in one of the following Majors: English

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

**ENGL 504 - Teaching & Research in Writing**

## **ENGL 504 - Teaching & Research in Writing**

**3 Credit Hours**

Current theories on the teaching of writing in secondary school. Instruction and practice in expository writing.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 505 - Professional Writing**

## **ENGL 505 - Professional Writing**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 512 - Literary Theory**

## **ENGL 512 - Literary Theory**

**3 Credit Hours**

Current theory about the nature of literature and interpretation.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

### **ENGL 513 - Directed Study**

# **ENGL 513 - Directed Study**

**3 Credit Hours**

Credit and content of course by advance agreement between the professor and the student.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

### **ENGL 514 - Writing Journals & Autobiograp**

# **ENGL 514 - Writing Journals & Autobiograp**

**3 Credit Hours**

A course designed to assist the student in connecting to the inner self.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

### **ENGL 515 - Composition Tutoring**

# **ENGL 515 - Composition Tutoring**

**3 Credit Hours**

Training in the theory and practice of composition tutoring.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

### **ENGL 520 - Topics in Linguistics**

# **ENGL 520 - Topics in Linguistics**

**3 Credit Hours**

The socio-synchronic study of language theory and practice.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 521 - Hist of the English Language

# ENGL 521 - Hist of the English Language

### 3 Credit Hours

The socio-historical story of English. Origins, variation, change, legitimization, maintenance, and spread of a world language.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 523 - Media and Its Discourses

# ENGL 523 - Media and Its Discourses

### 3 Credit Hours

This course is about media and its use of language to convey messages about politics, social organization and personal identity.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 525 - Shakespeare

# ENGL 525 - Shakespeare

### 3 Credit Hours

Study of selected plays and themes.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 527 - The Language of Leadership

# ENGL 527 - The Language of Leadership

### 3 Credit Hours

This course explores leadership language in literary, professional and other public contexts with the aim of providing students with linguistic concepts and strategies useful for self-reflection, textual analysis, and social change.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 531 - World Literature

# ENGL 531 - World Literature

## 3 Credit Hours

This course will examine a number of novels by authors from Turkey, Japan, United States, and other countries. Students will begin to develop a global perspective on literature from this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 537 - Theories & Research in Writing

# ENGL 537 - Theories & Research in Writing

## 3 Credit Hours

0

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 544 - Maj Black Writers of the World

# ENGL 544 - Maj Black Writers of the World

## 3 Credit Hours

Study of black authors from around the world with emphasis on African, Caribbean, and British Commonwealth writers.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 551 - Jewish American Literature

# ENGL 551 - Jewish American Literature

## 3 Credit Hours

This course examines Jewish American literature from the late 19th century to the present, with particular emphasis on prose fiction and poetry. Themes include immigration, assimilation, anti-Semitism, the effect of the Holocaust, gender relations, Jewish religious belief and spirituality, Jewish textual traditions and American/Israeli relations. Frequently studies authors include Reznikoff, Bellow, Roth, Malamud, Ozick, Rothenberg and Grossman. Because this is a graduate level course, students are required to write a long research paper, lead class discussion, and engage extensively in the study of secondary as well as primary texts.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 552 - African Literature

# ENGL 552 - African Literature



**3 Credit Hours**

This course explores modern African fiction from a number of writers from different countries, including Soyinka and Achebe.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 560 - Women Writers**

# ENGL 560 - Women Writers

**1 - 3 Credit Hours**

Study of women's writing and theoretical approaches to women's literature.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 566 - Feminist Theory**

# ENGL 566 - Feminist Theory

**3 Credit Hours**

This course considers some of the major tenets of and issues in contemporary feminist theories and their applications to literary texts.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 569 - Women & Sacred Language**

# ENGL 569 - Women & Sacred Language

**3 Credit Hours**

This course explores sacred and gendered discourses by and about women in translated and English-medium texts. Readings begin with Indo-Tibetan Buddhist texts and end with writing in the Tibetan diaspora and the west. Thematic issues include language creativity and the linguistics of social change.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 570 - Writings by Sexual Minorities**

# ENGL 570 - Writings by Sexual Minorities

**3 Credit Hours**

Course focuses on writings by gay and lesbian writers.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## **ENGL 601 - Language of Humanities**

# **ENGL 601 - Language of Humanities**

### **3 Credit Hours**

Critical study of topic-, audience-, and author-directed discourse. Intensive practice in writing.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## **ENGL 610 - Chaucer-Major Works**

# **ENGL 610 - Chaucer-Major Works**

### **3 Credit Hours**

Study of such texts as The Canterbury Tales and Troilus and Criseyde.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## **ENGL 614 - Tolkien**

# **ENGL 614 - Tolkien**

### **3 Credit Hours**

Students will explore medieval themes in the fiction of J.R.R. Tolkien. Critical scholarship by Tolkien and others will serve as a crucial backdrop for our analysis.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## **ENGL 615 - Early English Lit**

# **ENGL 615 - Early English Lit**

### **3 Credit Hours**

Examines the literature of medieval England.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ENGL 630 - Studies in 17th Cent Literatur**

# **ENGL 630 - Studies in 17th Cent Literatur**

**3 Credit Hours**

A survey course which examines the literature of 17th century Europe, including the Metaphysical Poets.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ENGL 640 - Studies in 18th Cent Literatur**

# **ENGL 640 - Studies in 18th Cent Literatur**

**3 Credit Hours**

A survey course which examines the literature of 18th century Europe, including the poetry of Alexander Pope.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ENGL 650 - English Romanticism**

# **ENGL 650 - English Romanticism**

**3 Credit Hours**

This course examines the work of Wordsworth, Keats, Shelley, Coleridge, Byron and Clare.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ENGL 655 - Studies in Victorian Authors**

# **ENGL 655 - Studies in Victorian Authors**

**3 Credit Hours**

A survey of major English writers of the late 19th century.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ENGL 670 - Modern British Literature**

# ENGL 670 - Modern British Literature

## 3 Credit Hours

Poetry, drama, and fiction from the late 19th century to the present, by writers from Great Britain or one of its former colonies

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 672 - Modern Drama

# ENGL 672 - Modern Drama

## 3 Credit Hours

A survey of major dramatists and plays from around the world, focusing on the 20th and 21st centuries.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 680 - SEM: Amer Renaissance

# ENGL 680 - SEM: Amer Renaissance

## 3 Credit Hours

Tocqueville's America. In the 1830's French social philosopher Alexis de Tocqueville offered a profound analysis of the new United States, which has remarkable applicability to American culture even today. We'll read selections from Tocqueville's Democracy In America and test his views against those of canonical and non-canonical American literary works written before the Civil War. We will read political essays by Ralph Waldo Emerson, novellas by Herman Melville, poems by Emily Dickinson, the novel Ruth Hall by Fanny Fern, and autobiographical works by Native American William Apess and former slave Harriet Jacobs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 681 - American Realism: 1865-1915

# ENGL 681 - American Realism: 1865-1915

## 3 Credit Hours

Focus on the realist writers of the late 19th and early 20th century.- Twain, Crane, Wharton, and Cather.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

## ENGL 682 - Modern American Fiction

# ENGL 682 - Modern American Fiction

**3 Credit Hours**

Focuses on early 20th century American fiction from Faulkner, Hemingway, Fitzgerald and others.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 683 - Modern American Poetry**

# ENGL 683 - Modern American Poetry

**3 Credit Hours**

Focuses on poetry from the early 20th century, including Stevens, Eliot, Pound and others.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 686 - Contemporary American Fiction**

# ENGL 686 - Contemporary American Fiction

**3 Credit Hours**

Explores the wide range of styles exhibited by current American writers, from Toni Morrison and Philip Roth to Leslie Scalapino and Don DiLillo.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 687 - Contemp American Poetry**

# ENGL 687 - Contemp American Poetry

**3 Credit Hours**

Explores the wide range of styles exhibited by current American writers, from Lucille Clifton, Philip Levine and Charles Bernstein to Nathaniel Mackey, Edward Hirsch and Susan Howe.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 690 - Seminar: Victorian Authors**

# ENGL 690 - Seminar: Victorian Authors

**3 Credit Hours**

Study of selected topics and authors from this period.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 693 - Seminar: Modern Jewish Fiction**

## **ENGL 693 - Seminar: Modern Jewish Fiction**

**3 Credit Hours**

Study of selected European and American Jewish writers of fiction from the late 19th century to the present.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 694 - Seminar: Contemp Amer Fiction**

## **ENGL 694 - Seminar: Contemp Amer Fiction**

**3 Credit Hours**

Study of selected American poets and poetic movements from the past few decades.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 695 - Sem:Contemporary Amer Poetry**

## **ENGL 695 - Sem:Contemporary Amer Poetry**

**3 Credit Hours**

Study of selected American poets and poetic movements of the past few decades.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences English*

**ENGL 700 - Master's Thesis**

## **ENGL 700 - Master's Thesis**

**3 - 6 Credit Hours**

Individual study leading to the completion of the M.A. thesis. See Director of Graduate program for further information.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ENGL 701 - Master's Thesis**

# ENGL 701 - Master's Thesis

**3 Credit Hours**

Individual study leading to the completion of the M.A. thesis. See Director of Graduate program for further information.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**ENGR 101 - Introduction to Fabrication**

# ENGR 101 - Introduction to Fabrication

**1 Credit Hours**

This course introduces students to a variety of traditional and modern tools & techniques for making physical objects. Students will develop a basic understanding of health and safety in a workshop environment and will develop an introductory understanding of how to use these tools & techniques, providing a framework to build upon with future project work at Xavier and throughout their lives.

**Levels:** Undergraduate

**ENGR 173 - Explorations in Engineering**

# ENGR 173 - Explorations in Engineering

**1 Credit Hours**

This hands-on course is designed to enable students to gain basic engineering experimentation and measurement skills. It provides exposure to fundamental concepts like vibrations, frequency spectra, material constants, electric currents and digital logic. In a project, students develop and conduct an experiment that is aimed at answering a scientific or engineering question in a field of their interest.

**Prerequisites:** Undergraduate level PHYS160 Minimum grade of C- or Undergraduate level PHYS170 Minimum grade of C-

**Course Attributes:** Scientific Perspectives Lab

**Levels:** Undergraduate

**ENGR 180 - Intro to Comp with MATLAB**

# ENGR 180 - Intro to Comp with MATLAB

**2 Credit Hours**

This hands-on course introduces the fundamentals of computer programming such as loops, conditional statements, functions, and scientific plotting utilizing MATLAB, a user-friendly language for engineers and scientists. Graphical user interface and engineering systems simulation methods will also be introduced.

**Prerequisites:** MATH170 or MATH180

**Levels:** Undergraduate

## ENGR 244 - Electronics

# ENGR 244 - Electronics

### 3 Credit Hours

This course introduces the theory, characteristics and operation of semiconductor electronics such as diodes, bipolar junction transistors, MOSFET transistors, and operational amplifiers. Design and analysis of analog and digital electronic circuits such as filters, amplifiers, and logic gates will also be covered.

**Prerequisites:** PHYS242

**Levels:** Undergraduate

## ENGR 245 - Electronics Lab

# ENGR 245 - Electronics Lab

### 1 Credit Hours

Laboratory work to accompany ENGR 244 based on computer simulation design of electronic circuits involving devices such as diodes and transistors. Students will be able to design, build and test electronic circuits such as filters and amplifiers.

**Prerequisites:** PHYS243

**Co-requisites:** ENGR244

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

## ENGR 342 - Material Science

# ENGR 342 - Material Science

### 3 Credit Hours

**Prerequisites:** Undergraduate level PHYS172 Minimum grade of C-

**Levels:** Undergraduate

## ENGR 346 - Signals and Systems

# ENGR 346 - Signals and Systems

### 4 Credit Hours

This course covers the fundamentals of signals and systems, namely the properties of linear time invariant systems and the analysis of continuous-time and discrete-time signals and systems. The course will encompass some experimental exercises using MATLAB programming to support the understanding of time and frequency domain analysis of systems and signals.

**Prerequisites:** MATH230 and ENGR180

**Levels:** Graduate Undergraduate



**ENGR 350 - Digital Logic & Design**

# ENGR 350 - Digital Logic & Design

**3 Credit Hours**

This course introduces numbering systems, Boolean algebra, logic gates, sequential circuits, and computer architecture. Minimization techniques, combinatorial logic and analysis and design of combinatorial circuits, flip-flops, registers, and counters, sequential circuits and electronic circuits for basic logic gates will also be introduced. Laboratory work will include designing, building and testing of digital circuits, logic and sequential circuits.

**Prerequisites:** ENGR244

**Levels:** Graduate Undergraduate

**ENGR 354 - Microprocessors & Digital Syst**

# ENGR 354 - Microprocessors & Digital Syst

**4 Credit Hours**

This hands-on course introduces digital systems and focuses on a wide range of microcontroller or microprocessor design aspects. Topics include digital logic, Boolean principles, digital circuit design, CPU architecture, interfacing techniques, addressing, memory organization, Input and Output devices, assembly language programming, and interrupts.

**Prerequisites:** ENGR244

**Levels:** Graduate Undergraduate

**ENGR 358 - Analog and Digital Comm**

# ENGR 358 - Analog and Digital Comm

**3 Credit Hours**

This course introduces the basic principles that are used in the analysis and design of analog and digital communication systems. Topics such as AM, FM, wireless communication technologies, cellular and satellite communication will be covered.

**Prerequisites:** ENGR346 and PHYS360

**Levels:** Undergraduate

**ENGR 366 - Optics: Phys & Engineering**

# ENGR 366 - Optics: Phys & Engineering

**3 Credit Hours**

This course provides an introduction to optical science with elementary engineering applications. Topics covered in geometrical optics include: ray tracing, aberrations, lens design, apertures and stops, photometry. Topics covered in wave optics include: phase and group velocity, Laser operation, polarization, interference, fiber optics, Fraunhofer diffraction, image formation, resolution. Analytical tools used in optical design are emphasized.

**Prerequisites:** PHYS172 and MATH220

**Co-requisites:** ENGR367

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

### **ENGR 367 - Optics: Phys & Engineering Lab**

# **ENGR 367 - Optics: Phys & Engineering Lab**

#### **1 Credit Hours**

This course accompanies ENGR 366 with hands-on experiments and opportunities to apply the acquired knowledge to the creation of working optical elements and systems.

**Prerequisites:** PHYS172 and MATH220

**Co-requisites:** ENGR366

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

### **ENGR 370 - Fluid Mechanics**

# **ENGR 370 - Fluid Mechanics**

#### **3 Credit Hours**

This course is designed to introduce students to the basic principles of fluid mechanics and their application to a wide range of domains including chemical, metallurgical, biological and ecological fields. The course introduces students to the basic equations governing the mechanics of fluid flows, emphasizing a physical understanding and fundamental approaches for the analysis of a variety of fluid flow problems. Fundamentals of fluid-flow design are also explored through ANSYS simulation software.

**Prerequisites:** MATH220 and PHYS172

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

### **ENGR 380 - Control Systems**

# **ENGR 380 - Control Systems**

#### **3 Credit Hours**

Modeling, analysis, and performance of feedback control systems are introduced in this course. Essential control theory topics such as stability, root locus, design of feedback (Proportional, Integral, and Derivative (PID)) controllers will be covered in details.

**Prerequisites:** ENGR346

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **ENGR 384 - Heat Transfer**

# **ENGR 384 - Heat Transfer**

#### **3 Credit Hours**

This course introduces the basic principles of heat transfer from an engineering perspective. Topics include steady and unsteady conduction, laminar and turbulent convection,

and black-body radiation and radiant exchange between objects.

**Prerequisites:** MATH220 and PHYS172

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **ENGR 390 - Special Topics in Engr I**

## **ENGR 390 - Special Topics in Engr I**

#### **1 - 3 Credit Hours**

Area to be specified in agreement with the department chair and Engineering Physics program director

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **ENGR 395 - Senior Design Project I**

## **ENGR 395 - Senior Design Project I**

#### **2 Credit Hours**

A senior capstone experience is provided through a two-semester sequence that focuses on the product development process typically utilized in the engineering community. This two-course sequence enables students to experience the process from idea conception through product production, and learn the basic steps while understanding the management processes required to be successful.

**Prerequisites:** ENGR346 and ENGR354

**Restrictions:** Must be enrolled in one of the following Majors: Engineering Physics

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **ENGR 397 - Special Topics in Engr II**

## **ENGR 397 - Special Topics in Engr II**

#### **1 - 3 Credit Hours**

Area to be specified in agreement with the department chair and Engineering Physics program director

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **ENGR 398 - Senior Design Project II**

## **ENGR 398 - Senior Design Project II**

#### **2 Credit Hours**

0

**Prerequisites:** ENGR395

**Restrictions:** Must be enrolled in one of the following Majors: Engineering Physics

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**ENTR 301 - Entr & Innovation Mindset**

## **ENTR 301 - Entr & Innovation Mindset**

**3 Credit Hours**

This is an introductory course into the Entrepreneurship and Innovation major and minor that explores the mindset of entrepreneurs, the innovation process, and introduces the many aspects of entrepreneurship and innovation. It is the recommended first course for those interested in a major or minor in the discipline.

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 303 - Co-Op Education/Entrep St: JR**

## **ENTR 303 - Co-Op Education/Entrep St: JR**

**3 Credit Hours**

A cooperative experience where students earn academic credit while performing approved entrepreneurial related work.

**Prerequisites:** ENTR301 and ENTR305

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 305 - Creativity & Innovation**

## **ENTR 305 - Creativity & Innovation**

**3 Credit Hours**

This course teaches students the techniques and process of innovation and creativity, and focuses on applying principles of Design Thinking and Lean Startup. Learn how to understand problems, create solutions, and test/gather feedback in an iterative process of creativity and innovation.

**Course Attributes:** Population Health

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 311 - New Venture Planning**

## **ENTR 311 - New Venture Planning**

**3 Credit Hours**

This course exposes students to entrepreneurship's ambiguity and uncertainty while developing an ability to navigate these challenges via proven new venture planning tools and techniques. The course is organized around new venture creation projects that allow students to experience the messiness of entrepreneurship while applying mindsets, tools, and processes to identify problems, test potential solutions to those problems, and develop business models that sustainably deliver those solutions.

**Prerequisites:** ENTR301

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 335 - Social Entrepreneurship**

# ENTR 335 - Social Entrepreneurship

## **3 Credit Hours**

Introduces students to entrepreneurial processes and practices with visual arts, theatre, dance, and music. Class involves encounters with the arts entrepreneurs, investigation of core studies, and analysis of the creative application of entrepreneurial practices in the arts. Open to business and non-business majors.

**Levels:** Undergraduate

*Williams College of Business Management*

## **ENTR 368 - Small Business Consulting**

# ENTR 368 - Small Business Consulting

## **3 Credit Hours**

This is a highly applied course in which the instructor plays the role of facilitator and managing consultant. Students will participate as consultants assigned to and engaged with a real client. The course should be considered partially as an independent study class, as the student will work with the client outside of the regular class to achieve specific agreed upon objectives.

**Prerequisites:** ENTR301

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **ENTR 403 - Co-Op Education/Entrep St: SR**

# ENTR 403 - Co-Op Education/Entrep St: SR

## **3 Credit Hours**

A cooperative experience where students earn academic credit while performing approved entrepreneurial related work.

**Prerequisites:** ENTR301 and ENTR305

**Restrictions:** May not be enrolled in one of the following Majors: Entrepreneurial Studies

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **ENTR 494 - Contemporary Issues in ENTR**

# ENTR 494 - Contemporary Issues in ENTR

## **1 - 3 Credit Hours**

The field of entrepreneurship changes rapidly and successful entrepreneurs must continually stay abreast of current trends and developments. This course focuses on current issues of importance to those involved in innovation and entrepreneurship.

**Prerequisites:** ENTR301

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **ENTR 495 - Entr & Innovation Capstone**

# ENTR 495 - Entr & Innovation Capstone

### **3 Credit Hours**

This capstone course synthesizes the entrepreneurship and innovation coursework with other business coursework and applies concepts in the entrepreneurial world. This is an experiential learning course in which the student can build a new business, work with startups, and/or engage with organizations in the innovation ecosystem.

**Prerequisites:** ENTR301 and ENTR305 and ENTR335

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **ENTR 605 - Strategic Innovation**

## **ENTR 605 - Strategic Innovation**

### **3 Credit Hours**

This course examines the critical elements that drive an innovative culture and processes in organizations, and focuses on tools, including design thinking, to develop innovative alternatives for addressing strategic business problems. Coursework relies on practical, experiential learning pedagogy.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **ENTR 611 - New Venture Creation**

## **ENTR 611 - New Venture Creation**

### **3 Credit Hours**

Generating, recognizing, and evaluating new venture opportunities. Developing an entry strategy, writing a business plan, and obtaining start-up financing. Entrepreneurial self-assessment.

**Prerequisites:** FINC550 and MKTG550 and ACCT550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **ENTR 621 - Entrepreneurial Marketing**

## **ENTR 621 - Entrepreneurial Marketing**

### **2 Credit Hours**

Understand the challenges and acquire the skills and information needed to maximize marketing results with minimal marketing resources.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **ENTR 631 - Corp Entrepren & Innovation**

## **ENTR 631 - Corp Entrepren & Innovation**

### **3 Credit Hours**

Managing innovation and creativity in large organizations. New venture development teams. Joint venture, acquisition, and licensing strategies.

**Prerequisites:** FINC550 and MKTG550 and ACCT550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 640 - Purch,Sale,Value CloseHeld Frm**

## **ENTR 640 - Purch,Sale,Value CloseHeld Frm**

**3 Credit Hours**

Techniques for valuing closely held firms and methods of structuring a purchase or sale.

**Prerequisites:** FINC640 or FINC550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 641 - Managing New & Grow Venture**

## **ENTR 641 - Managing New & Grow Venture**

**2 Credit Hours**

Develops understanding as to why some ventures (new and/or existing) achieve their goals, grow, and attract resources while others stagnate or go bankrupt. Business simulations, interactive multimedia programs, guest speakers, and field trips will be used to accomplish course objectives.

**Prerequisites:** MGMT550 and MGMT551 and FINC550 and MKTG550 and ACCT550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Arts

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 643 - Venture Capital**

## **ENTR 643 - Venture Capital**

**1 Credit Hours**

Analysis of the venture capital industry. How to find and work with professional investors. Principles and examples of creative deal making.

**Prerequisites:** FINC550 and ENTR611

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 646 - Harvest Entrepreneurial Ventur**

## **ENTR 646 - Harvest Entrepreneurial Ventur**

**1 Credit Hours**

Founding new enterprise, elements of a successful IPO, the transition from entrepreneurial to professional management.

**Prerequisites:** FINC550 and MKTG550 and ACCT550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 651 - Family Business Issues**

## ENTR 651 - Family Business Issues

**2 Credit Hours**

Resolving personal and interpersonal issues, ownership succession issues, and strategic planning issues in family-owned businesses.

**Prerequisites:** FINC550 and MKTG550 and ACCT550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 668 - Small Business Consulting**

## ENTR 668 - Small Business Consulting

**3 Credit Hours**

Student teams serve as consultants to small business enterprises. Site visits, problem analysis, and recommended solutions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 694 - Current Issues in Entr**

## ENTR 694 - Current Issues in Entr

**1 - 3 Credit Hours**

The field of entrepreneurship changes rapidly, and successful entrepreneurs must continually stay abreast of current trends and developments. This course focuses on current issues of importance to those involved in innovation entrepreneurship.

**Prerequisites:** FINC550 and MKTG550 and ACCT550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 695 - Individual Reading & Research**

## ENTR 695 - Individual Reading & Research

**1 - 3 Credit Hours**

Open to especially qualified students with the consent of the chair of the department and the dean.



**Prerequisites:** FINC550 and MKTG550 and ACCT550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ENTR 698 - Small Business Consulting**

## **ENTR 698 - Small Business Consulting**

**3 Credit Hours**

Student teams serve as consultants to small business enterprises. Site visits, problem analysis, and recommended solutions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**ESLG 100 - Pronunciation**

## **ESLG 100 - Pronunciation**

**0 Credit Hours**

Open to students at all levels. Students learn and practice basic articulation of the sounds of English, with additional emphasis on stress, intonation, and rhythm.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ESLG 101 - Individualized Instruction**

## **ESLG 101 - Individualized Instruction**

**0 Credit Hours**

Independent study/tutorial; English language and business communication skills.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ESLG 105 - Speaking Fundamentals**

## **ESLG 105 - Speaking Fundamentals**

**0 Credit Hours**

An introduction to essential speaking skills for non-native speakers. Recommended for beginning and low-intermediate speakers of English.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ESLG 110 - Beginning Reading/Writing**

## **ESLG 110 - Beginning Reading/Writing**

**0 Credit Hours**

Writing objectives for students include development of basic sentence structure, punctuation, and paragraph skills. Focus in reading is on comprehending main ideas; vocabulary study supports both reading and writing.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ESLG 111 - Beginning Grammar**

# ESLG 111 - Beginning Grammar

**0 Credit Hours**

The form, meaning and use of basic English grammar is reviewed.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ESLG 113 - Beginning Listening/Speaking**

# ESLG 113 - Beginning Listening/Speaking

**0 Credit Hours**

Covers the basics of listening for content, with emphasis on understanding main ideas. Note-taking is introduced. Speaking practice reinforces simple grammatical structures.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ESLG 115 - Conv English Through Video I**

# ESLG 115 - Conv English Through Video I

**0 Credit Hours**

Open to students of all levels; suggested for beginning and intermediate levels. With a story-based video series, students improve listening comprehension and learn and practice American English vocabulary, culture, and speech conventions.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ESLG 120 - Intermediate Reading/Writing**

# ESLG 120 - Intermediate Reading/Writing

**0 - 2 Credit Hours**

Simple academic-style texts form the major reading component. Students work to improve comprehension of main ideas and supporting details. Writing is done primarily at the paragraph level, with emphasis on organization, development, and improving grammar.

**Prerequisites:** ESLG110

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**ESLG 121 - Intermediate Grammar**

# ESLG 121 - Intermediate Grammar

## **0 - 2 Credit Hours**

This course covers the form, meaning and use of selected grammatical structures, presented at the intermediate level.

**Prerequisites:** Undergraduate level ESLG111 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **ESLG 122 - Intermediate Listen/Discussion**

# ESLG 122 - Intermediate Listen/Discussion

## **0 - 1 Credit Hours**

Listening to academic lectures for main ideas and supporting details, note-taking and test-taking strategies are covered. Informal listening and speaking includes group discussion, basic presentation skills and role-play. .

**Prerequisites:** Undergraduate level ESLG113 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **ESLG 125 - High Intermediate Read/Writing**

# ESLG 125 - High Intermediate Read/Writing

## **0 - 2 Credit Hours**

Reading skills are practiced and applied to academic texts and fiction. In writing, students learn to self-edit for typical grammar and word-choice errors. Common rhetorical styles are practiced, with more emphasis on essay-length papers.

**Prerequisites:** Undergraduate level ESLG120 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **ESLG 127 - High Intermediate Grammar**

# ESLG 127 - High Intermediate Grammar

## **0 - 2 Credit Hours**

The course covers the form, meaning and use of selected grammatical structures, presented at the high-intermediate level.

**Prerequisites:** Undergraduate level ESLG121 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **ESLG 129 - High Intermediate Listen/Discu**

# ESLG 129 - High Intermediate Listen/Discu

## **0 - 1 Credit Hours**

Course includes listening for advanced-level content, taking notes, and recalling information. Functional speaking tasks, group work, and formal and informal presentation skills

are practiced.

**Prerequisites:** Undergraduate level ESLG122 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ESLG 130 - Advanced Reading/Writing**

## **ESLG 130 - Advanced Reading/Writing**

#### **0 - 2 Credit Hours**

College-level reading skills are practiced and applied to academic textbooks, current news periodicals and journals. (Fiction and literature are not emphasized.) Students work to expand vocabulary and refine editing skills. Longer academic writing tasks are covered, including argumentation, summarizing and paraphrasing, synthesis, and a documented "mini" research paper.

**Prerequisites:** Undergraduate level ESLG125 Minimum grade of D

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ESLG 131 - Advanced Grammar**

## **ESLG 131 - Advanced Grammar**

#### **0 - 2 Credit Hours**

This course covers the form, meaning and use of selected grammatical structures, presented at the advanced level.

**Prerequisites:** Undergraduate level ESLG127 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ESLG 133 - Advanced Listening/Discussion**

## **ESLG 133 - Advanced Listening/Discussion**

#### **0 - 1 Credit Hours**

Course includes listening for advanced-level content, taking notes, and recalling information. Functional speaking tasks, group work, and formal and informal presentation skills are practiced.

**Prerequisites:** Undergraduate level ESLG122 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ESLG 138 - Toefl Preparation**

## **ESLG 138 - Toefl Preparation**

#### **0 - 1 Credit Hours**

Review and practice of the language skills needed for the Test of English as a Foreign Language. Must be at high intermediate or advanced level to enroll. Prerequisite: successful completion of one semester of core courses.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ESLG 139 - Career English**

# **ESLG 139 - Career English**

#### **0 Credit Hours**

Functional business speaking and writing tasks are practiced, with emphasis on American cultural values in the workplace. Students apply concepts from class in a semester-long project requiring interviews and a presentation. Must be at the high intermediate or advanced level to enroll.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **ESLG 140 - Oral Fluency**

# **ESLG 140 - Oral Fluency**

#### **0 Credit Hours**

A course designed to improve students' ability to speak in groups and make presentations. Cultural notions of appropriate participatory style and behavior are emphasized. Must be at high intermediate or advanced level to enroll.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **EXSC 100 - Intro to Exercise Science**

# **EXSC 100 - Intro to Exercise Science**

#### **3 Credit Hours**

Provides a basic overview of exercise science, career opportunity related to exercise science, and the activities related to exercise science professions.

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

### **EXSC 200 - Kinesiology**

# **EXSC 200 - Kinesiology**

#### **3 Credit Hours**

The study of human movement including analysis of muscular physiology, biomechanics, and principles of physics as applied to joint movement through muscular contractions.

**Prerequisites:** ( BIOL140 and BIOL141) or ( BIOL354 and BIOL355)

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

### **EXSC 220 - Independent Study**

# **EXSC 220 - Independent Study**

**1 - 3 Credit Hours**

An independent study under the supervision of an exercise science faculty member. Students may complete 1 - 3 credit hours depending on the scope of the work.

**Prerequisites:** Undergraduate level EXSC100 Minimum grade of C

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

**EXSC 260 - Sports Medicine**

# EXSC 260 - Sports Medicine

**3 Credit Hours**

Introduction to the prevention, recognition, evaluation, and treatment of common musculoskeletal injuries and conditions.

**Prerequisites:** EXSC200 and EXSC300

**Co-requisites:** EXSC261

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

**EXSC 261 - Sports Medicine Laboratory**

# EXSC 261 - Sports Medicine Laboratory

**1 Credit Hours**

Laboratory experiences emphasize basic injury evaluation and management as well as techniques for injury prevention.

**Prerequisites:** EXSC200 and EXSC300

**Co-requisites:** EXSC260

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

**EXSC 300 - Exercise Physiology**

# EXSC 300 - Exercise Physiology

**3 Credit Hours**

Human physiology as it relates to acute and chronic bouts of exercise and physical activities.

**Prerequisites:** ( BIOL140 and BIOL141 and BIOL142 and BIOL143) or ( BIOL354 and BIOL355 and BIOL410 and BIOL411) and EXSC100 and EXSC200

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

**EXSC 320 - Fitness Training Principles**

# EXSC 320 - Fitness Training Principles

**3 Credit Hours**

The design and implementation of fitness programs based on the principles of resistance, cardiovascular, and flexibility training and conditioning

**Prerequisites:** Undergraduate level EXSC200 Minimum grade of C and Undergraduate level EXSC300 Minimum grade of C

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

**EXSC 325 - Resistance Training**

# EXSC 325 - Resistance Training

**1 Credit Hours**

Instruction in proper techniques used to develop muscular strength, power, endurance, and flexibility.

**Prerequisites:** Undergraduate level EXSC200 Minimum grade of C and Undergraduate level EXSC300 Minimum grade of C

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

**EXSC 360 - Nutrition for Sport & Exercise**

# EXSC 360 - Nutrition for Sport & Exercise

**3 Credit Hours**

Nutrition and its role in human performance and wellness. Nutritional supplements and ergogenic aids will also be addressed.

**Prerequisites:** Undergraduate level EXSC300 Minimum grade of C

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

**EXSC 380 - Fitness Assessment & Design**

# EXSC 380 - Fitness Assessment & Design

**3 Credit Hours**

Knowledge necessary to effectively assess, develop, and implement an appropriate exercise prescription for adults.

**Prerequisites:** EXSC300 and EXSC320 and EXSC325 and EXSC360

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

**EXSC 381 - Fitness Assess & Design Lab**

# EXSC 381 - Fitness Assess & Design Lab

**1 Credit Hours**

Skills necessary to effectively assess, develop, and implement an appropriate exercise prescription for adults.

**Prerequisites:** EXSC300 and EXSC320 and EXSC325 and EXSC360

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

### **EXSC 400 - Biomechanics**

# **EXSC 400 - Biomechanics**

#### **3 Credit Hours**

Application of mechanical principles to and quantitative analysis of human movement during sport and physical activity.

**Prerequisites:** EXSC200 and (Undergraduate level PHYS160 Minimum grade of C and Undergraduate level PHYS161 Minimum grade of C) or (Undergraduate level PHYS140 Minimum grade of C and Undergraduate level PHYS141 Minimum grade of C)

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

### **EXSC 420 - Cardiopulmonary Fitness**

# **EXSC 420 - Cardiopulmonary Fitness**

#### **3 Credit Hours**

0

**Prerequisites:** Undergraduate level EXSC300 Minimum grade of C

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

### **EXSC 440 - Fitness in Special Populations**

# **EXSC 440 - Fitness in Special Populations**

#### **3 Credit Hours**

Examines the impact of exercise and physical activity in women, youth, older adults, and those with various health conditions such as obesity and pregnancy.

**Prerequisites:** EXSC300 and EXSC380 and Undergraduate level EXSC381 Minimum grade of C

**Course Attributes:** Diversity Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

### **EXSC 460 - Exercise Science Practicum**

# **EXSC 460 - Exercise Science Practicum**

#### **1 - 6 Credit Hours**

A planned, supervised, and approved exercise science related learning experience. Students must complete a total of 400 clock hours (6 credit hours), which may be divided into 1 - 6 credit hour blocks. Student must become certified in CPR prior to internship approval. Prerequisites: EXSC 380, 381 and 3 credits of Exercise Science Elective.



**Prerequisites:** EXSC380 and EXSC381

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

## **FINC 300 - Business Finance**

# **FINC 300 - Business Finance**

### **3 Credit Hours**

The basic principles and techniques used in the financial management of a business with special emphasis on the corporation.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of D

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 303 - Internship / Finance Junior**

# **FINC 303 - Internship / Finance Junior**

### **3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved finance-related work experience. Student must have 55 credit hours completed, 2.750 GPA, department approval

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D and Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 305 - Personal Investing**

# **FINC 305 - Personal Investing**

### **3 Credit Hours**

Introductory course in investments designed to introduce students to the world of investing. Topics include the stock and bond markets, mutual funds, retirement planning, home mortgages and insurance.

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 350 - Financial Statement Analysis**

# **FINC 350 - Financial Statement Analysis**

### **3 Credit Hours**

An overview of methods to evaluate a firm's financial statements in order to determine the firm's value and ability to meet its financial obligations.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of C and Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 365 - Investments**

# **FINC 365 - Investments**

### **3 Credit Hours**

Evaluation, selection and management of securities and portfolios including a study of theory using analytical approaches.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 370 - Finan Markets & Institutions**

# **FINC 370 - Finan Markets & Institutions**

### **3 Credit Hours**

A study of the operations and management of the major financial institutions in the U.S. and the regulatory environment in which they operate.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 385 - Financial Modeling**

# **FINC 385 - Financial Modeling**

### **3 Credit Hours**

The course is designed to develop the students' ability to integrate an electronic spreadsheet into the identification, analysis and solution stages of financial problems. Through this course, students will gain a conceptual as well as a practical understanding of spreadsheets and will be equipped with the spreadsheet skills needed to engage in economic financial modeling. Consent of instructor required for non-finance majors.

**Prerequisites:** ( INFO120 or BAIS120 or INFO200 or INFO220 or BAIS220) and Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 388 - Entrepreneurial Finance**

# **FINC 388 - Entrepreneurial Finance**

### **3 Credit Hours**

The course examines new business ventures from the development stage through maturity and will cover the basic principles, concepts and analytical tools of financial management for small businesses. The managerial challenges for these firms are different from those of larger, public firms and often require a different approach because of their small scale, lack of liquidity and difficulty attracting and deploying capital. The course will provide a relevant financial analysis base for the entrepreneur in each of the various stages as he or she develops the idea, brings it to market, grows the venture's value and ultimately provides an exit for the venture investors. The course will identify and explain the types and sources of financing available during the various stages and introduce the relevant legal and regulatory environment the entrepreneur must consider when seeking financing.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 390 - Firm Valuation**

# **FINC 390 - Firm Valuation**

### **3 Credit Hours**

Equity Analysis class. Topics include: financial statement analysis, stock valuation, discounted cash flow approaches, relative valuation and equity derivatives.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 401 - Intermediate Financial Mgmt**

# **FINC 401 - Intermediate Financial Mgmt**

### **3 Credit Hours**

Financial theory and its applications to corporation finance.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 403 - Internship / Finance Senior**

# **FINC 403 - Internship / Finance Senior**

### **3 Credit Hours**

An elective cooperative where students earn academic credit while performing approved finance-related work experience. Student must have 55 credit hours completed, 2.750 GPA, departmental approval required

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D and Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 465 - Options & Futures Markets**

# **FINC 465 - Options & Futures Markets**

### **3 Credit Hours**

Options and futures strategies, the valuation of options and futures, and the theory of hedging.

**Prerequisites:** FINC365

**Levels:** Undergraduate

**FINC 475 - Real Estate Finance**

# **FINC 475 - Real Estate Finance**

**3 Credit Hours**

Properties and principles of institutions, instruments, and methods used to finance commercial, industrial and residential real estate.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

**FINC 476 - International Finance**

# **FINC 476 - International Finance**

**3 Credit Hours**

International monetary system, international money and capital markets, and financing of international business.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

**FINC 480 - Risk Management & Insurance**

# **FINC 480 - Risk Management & Insurance**

**3 Credit Hours**

Types of non-speculative risk facing individuals and businesses will be explored. The methods available to handle risks will then be examined. The insurance industry, its regulatory environment, and insurance contracts provided by commercial insurers and federal and state governments and including those for the risk of: premature death, health, disability, automobile ownership, home ownership, and business ownership will be examined.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

**FINC 488 - Applied Financial Strategy**

# **FINC 488 - Applied Financial Strategy**

**3 Credit Hours**

Students will have an opportunity to provide management consulting services to a local firm. The students will work regularly with key personnel from the firm to collect information regarding the company's goals and objectives, industry conditions, competitors, financial strength, etc. Students will present their recommendations to the client along with an action plan for implementation. Participation is limited. Students must have the permission of the instructor to enroll and will be selected by the instructor in consultation with other faculty members in the Department of Finance.

**Prerequisites:** Undergraduate level FINC401 Minimum grade of B

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 490 - Portfolio Management I**

# **FINC 490 - Portfolio Management I**

### **3 Credit Hours**

This course is the first part of the portfolio management experience for the student members of the D'Artagnan Capital Fund (DCF).

**Prerequisites:** Undergraduate level FINC340 Minimum grade of B- or Undergraduate level FINC390 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 492 - Portfolio Management II**

# **FINC 492 - Portfolio Management II**

### **3 Credit Hours**

This course is the second part of the portfolio management experience for the student members of the D'Artagnan Capital Fund (DCF).

**Prerequisites:** Undergraduate level FINC490 Minimum grade of B

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 495 - Cases & Problems in Finance**

# **FINC 495 - Cases & Problems in Finance**

### **3 Credit Hours**

Integrates the subjects of the core finance courses. Consists of case studies involving financial analysis, capital budgeting, capital structure, and related areas.

**Prerequisites:** ( FINC365 or FINC401) and ( FINC350 or ACCT308)

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 497 - Readings in Finance**

# **FINC 497 - Readings in Finance**

### **3 Credit Hours**

Advanced reading and research in finance open only to seniors. Projects must have the approval of the department chair and dean.

**Levels:** Undergraduate

*Williams College of Business Finance*

## **FINC 499 - Tutorial in Finance**

# FINC 499 - Tutorial in Finance

## 3 Credit Hours

Independent study in finance. Participating student works individually with an instructor to develop an understanding of advanced topics. Independent studies must be approved by the Department Chair.

**Levels:** Undergraduate

*Williams College of Business Finance*

## FINC 550 - Fundamentals of Finance

# FINC 550 - Fundamentals of Finance

## 3 Credit Hours

Fundamentals of Finance will help students understand the basic principles and techniques used in the financial management of a business. The purpose of this course is to introduce the student to the fundamentals of finance, with special emphasis on financial decisions within the context of the corporation.

**Prerequisites:** ( ACCT500 or Accounting 500 Financial 500) and ( STAT500 or Statistics 500 500)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Finance*

## FINC 600 - Managerial Finance

# FINC 600 - Managerial Finance

## 3 Credit Hours

In-depth study of finance. Topics include option pricing, advanced capital budgeting, capital structure, financial analysis, decision trees, agency conflicts, capital structure theory, dividend policy, working capital, asset pricing models, risk management & derivatives, and related corporate theory.

**Prerequisites:** FINC550 or FINC500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Finance*

## FINC 602 - Investment Management

# FINC 602 - Investment Management

## 3 Credit Hours

Evaluation, selection, and management of securities and portfolios. Includes a study of theory using analytical approaches.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Finance*

## **FINC 607 - Portfolio and Hedge Const**

# **FINC 607 - Portfolio and Hedge Const**

**3 Credit Hours**

0

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Finance*

## **FINC 621 - Options & Futures Markets**

# **FINC 621 - Options & Futures Markets**

**3 Credit Hours**

Options and futures strategies: the valuation of options and futures, the theory of hedging.

**Prerequisites:** FINC500 or FINC550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Finance*

## **FINC 632 - Multinational Financial Mgmt**

# **FINC 632 - Multinational Financial Mgmt**

**3 Credit Hours**

Background, techniques, and concepts necessary to invest in the global security market: overview of international economic environment, foreign exchange markets, international finance, investment portfolios, equity, bond market and foreign currency futures and options, gold and gold-linked investments.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Finance*

## **FINC 640 - Purch,Sale&Valu CloseHeld Firm**

# **FINC 640 - Purch,Sale&Valu CloseHeld Firm**

**3 Credit Hours**

Techniques for valuing closely held firms and methods of structuring a purchase or sale.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

## **FINC 645 - Mergers and Acquisitions**

# **FINC 645 - Mergers and Acquisitions**

### **3 Credit Hours**

This course provides the student with an introduction to Mergers and Acquisitions as a means of enterprise value creation. This course will outline the legal, tax, and accounting framework for mergers and acquisitions, and provide an overview of valuation methodologies as a foundation upon which the student can build with further education and/or work experience.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **FINC 651 - Money and Capital Markets**

# **FINC 651 - Money and Capital Markets**

### **3 Credit Hours**

Financial institutions and markets, the theory of interest rate determination, monetary policy, and fiscal policy.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

## **FINC 653 - Problems & Cases In Finc**

# **FINC 653 - Problems & Cases In Finc**

### **3 Credit Hours**

Case studies involving financial analysis, capital budgeting, capital structure, and related areas.

**Prerequisites:** FINC550 or FINC500 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

## **FINC 660 - Security Analysis**

# **FINC 660 - Security Analysis**

### **3 Credit Hours**

Equity Analysis class. Topics include: financial statement analysis, stock valuation, discounted cash flow approaches, relative valuation and equity derivatives.



**Prerequisites:** FINC550 or FINC500 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Finance*

### **FINC 663 - Fixed Income & Debt Mgmt**

## **FINC 663 - Fixed Income & Debt Mgmt**

#### **3 Credit Hours**

Evaluation, selection, and management of fixed income securities and debt positions.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Finance*

### **FINC 670 - The Mutual Fund Business**

## **FINC 670 - The Mutual Fund Business**

#### **3 Credit Hours**

This course will provide a comprehensive examination of the mutual fund industry as a setting to examine several functional areas of business. Subject areas will include: Individual and Institutional Investing, Distribution, Operations, Marketing, Customer Service, Management, Economics and Regulation. In addition, a thorough analytical approach to evaluating portfolio performance will be covered including topics such as risk adjusted performance measures, market timing, attribution analysis and style analysis.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Finance*

### **FINC 675 - Real Estate Finance**

## **FINC 675 - Real Estate Finance**

#### **3 Credit Hours**

Analyze investments in real estate with emphasis on financial considerations while also giving explicit attention to the social political, marketing, legal and physical factors affecting investment decisions and performance.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Finance*

### **FINC 683 - Applications in Corporate Finc**

# FINC 683 - Applications in Corporate Finc

## 3 Credit Hours

This course integrates the latest developments in both the theory and practice of corporate finance and gives advanced treatment to questions raised in FINC 600. Topics covered include valuation of financial and real assets, financial risk management, the market for corporate control, financing decisions and market efficiency, dividend policy, capital structure, and ethics in finance.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Finance*

## FINC 684 - Financial Modeling

# FINC 684 - Financial Modeling

## 3 Credit Hours

This course is designed to develop the students' ability to integrate spreadsheets into the identification, analysis and solution stages of financial problems. Through this course, students will gain a conceptual as well as practical understanding of financial models and will be equipped with the spreadsheet skills needed to engage in financial modeling.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Finance*

## FINC 685 - Financial Theory

# FINC 685 - Financial Theory

## 3 Credit Hours

Examines the concepts and foundations of financial theories.

**Prerequisites:** FINC550 or FINC500 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Finance*

## FINC 695 - Individual Readings & Research

# FINC 695 - Individual Readings & Research

## 1 - 3 Credit Hours

Open to especially qualified students with the consent of the chairman of the appropriate department and dean.

**Prerequisites:** FINC500 or FINC550 or Finance 500 500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

## **FINC 750 - Value Creation**

# **FINC 750 - Value Creation**

### **3 Credit Hours**

The course introduces the basic principles, concepts and analytical tools of financial management with special emphasis on the corporation. Topics include the time value of money, risk and return, stock and bond valuation and yield, financial statements and cash flows, capital budgeting techniques (NPV, payback, IRR, MIRR) and what-if analysis, cash flow estimation, and financial environment/ financial markets/rates.

**Prerequisites:** ACCT750

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

## **FINC 751 - Financial Strategy**

# **FINC 751 - Financial Strategy**

### **3 Credit Hours**

In-depth study of finance. Topics include option pricing, capital structure, decision trees, agency conflicts, capital structure theory, dividend policy, working capital management, risk management and derivatives, and mergers and acquisitions.

**Prerequisites:** FINC750

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

## **FREN 101 - Elementary French I**

# **FREN 101 - Elementary French I**

### **3 Credit Hours**

An introduction to basic language skills through emphasizing the acquisition of high-frequency vocabulary and the development of cultural awareness.

**Levels:** Undergraduate

## **FREN 102 - Elementary French II**

# **FREN 102 - Elementary French II**

### **3 Credit Hours**

The second semester elementary course which is a continuation of FREN 101. Pre-requisite: FREN 101 unless waived

**Prerequisites:** Undergraduate level FREN101 Minimum grade of D or Placement - French 102 or Graduate level EDMS999

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 103 - Accelerated Elem French**

## **FREN 103 - Accelerated Elem French**

### **3 Credit Hours**

This is an accelerated beginning French course for students who score 235 or below on the Language Placement Test and have had 2+ years of previous French study. Please consult with the instructor if you have questions regarding placement. The principal goals of language study are to practice the four language skills (speaking, listening, reading and writing) in order to learn to communicate in French (talk with others, express ideas in writing, read and understand what others have written) and learn about the francophone world. This course reviews Elementary French vocabulary and grammar, and moves at an accelerated pace through material normally covered in French 102. Upon successful completion of French 103, students will enroll in Intermediate French I (201) to complete the core language requirement.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 201 - Intermediate French I**

## **FREN 201 - Intermediate French I**

### **3 Credit Hours**

The first semester intermediate course which is a continuation of FREN 102 with a particular emphasis on the development of more creative use of the language. Pre-requisite: FREN 102 unless waived

**Prerequisites:** FREN102 or Placement - French 201 or Graduate level EDMS999 or FREN103

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 202 - Intermediate French II**

## **FREN 202 - Intermediate French II**

### **3 Credit Hours**

A communicative-oriented course emphasizing reading and writing skills through the study of authentic materials dealing with francophone culture. This course includes a comprehensive grammar review. Pre-requisite: FREN 201 unless waived

**Prerequisites:** Undergraduate level FREN201 Minimum grade of D or Placement - French 202 or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 203 - Intro to Business French**

## **FREN 203 - Intro to Business French**

### **3 Credit Hours**

Development of four skills in the context of the contemporary francophone business world by means of readings, discussions and written practice. Emphasis on the terminology of commercial French. May be taken as an alternative to FREN 202.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 205 - French Lit & Moral Imagination**

# FREN 205 - French Lit & Moral Imagination

## 3 Credit Hours

This course is designed to contribute to the Ethics, Religion and Society focus of the core curriculum. Students will study the French philosopher Henri Bergson's analysis of what makes human's laugh and, then, see how this analysis is played out in the comedies of the classical French comic genius, Moliere. Several of his "comedies of manners" and "comedies of character" will be studied and discussions will focus on the universal aspect of the societal or personal problem or foible that is being held up to ridicule.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Lit and Moral Imagination

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 300 - Advanced French I

# FREN 300 - Advanced French I

## 3 Credit Hours

An upper-division course which is a continuation of FREN 202 in that it builds on the language skills and cultural knowledge acquired in FREN 202. Prerequisite: FREN 202/203 or the equivalent.

**Prerequisites:** Undergraduate level FREN202 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 301 - Advanced French II

# FREN 301 - Advanced French II

## 3 Credit Hours

An upper-division course which offers advanced grammar study and further language skill development through the study of authentic texts. Prerequisite: FREN 202/203 or the equivalent.

**Prerequisites:** Undergraduate level FREN202 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 302 - French Conversation

# FREN 302 - French Conversation

## 3 Credit Hours

An upper-division course designed for the development of speaking and listening skills through active participation by students. Discussions and activities are based on contemporary issues. Pre-requisite: FREN 202/203.

**Prerequisites:** Undergraduate level FREN202 Minimum grade of D or Placement - French 300 or EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 303 - French Composition

# FREN 303 - French Composition

**3 Credit Hours**

An upper-division course designed for the development of both formal and informal writing skills. Types of writing include journal, letter, summary, and analytical. Prerequisite: FREN 202/203 or the equivalent.

**Prerequisites:** Undergraduate level FREN202 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 315 - Business French I**

# FREN 315 - Business French I

**3 Credit Hours**

A continuation of FREN 203 as preparation for the Paris Chamber of Commerce examination, the certificat pratique. Prerequisite: FREN 202/203.

**Prerequisites:** Undergraduate level FREN203 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 330 - Methods Curr Assess In For Lan**

# FREN 330 - Methods Curr Assess In For Lan

**3 Credit Hours**

This course provides an introduction to curriculum content, teaching methodologies and assessment techniques as they pertain to candidates preparing for initial licensure in the teaching of foreign languages. Field experiences will also be incorporated into the course curriculum. Individual interview with instructor is required prior to registering for course.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 350 - French Culture/Civilization I**

# FREN 350 - French Culture/Civilization I

**3 Credit Hours**

Representative history and civilization of France. Prerequisite: FREN 202/203 or the equivalent.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 351 - French Culture/Civilization II**

# FREN 351 - French Culture/Civilization II

**3 Credit Hours**

Representative history and civilization of the francophone world. Prerequisite: FREN 202/203 or the equivalent.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 420 - Survey of French Literature I**

# FREN 420 - Survey of French Literature I

## 3 Credit Hours

A chronological study of French literature and civilization in the seventeenth and eighteenth centuries. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 421 - Survey of French Literature II

# FREN 421 - Survey of French Literature II

## 3 Credit Hours

A chronological study of French literature and civilization in the nineteenth and twentieth centuries. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 430 - The Middle Ages & Renaissance

# FREN 430 - The Middle Ages & Renaissance

## 3 Credit Hours

A chronological study of French literature and civilization in the Middle Ages and the sixteenth century. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 432 - The Sixteenth Century

# FREN 432 - The Sixteenth Century

## 3 Credit Hours

An in-depth study of representative authors from the French Renaissance, such as Ronsard, Du Bellay, and Montaigne. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or

Undergraduate level FREN351 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **FREN 434 - The Seventeenth Century**

# **FREN 434 - The Seventeenth Century**

#### **3 Credit Hours**

An in-depth study of representative authors of the French baroque and classical periods, such as Corneille, Descartes, Pascal, La Fontaine, Moliere, Racine. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 303-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **FREN 436 - The Eighteenth Century**

# **FREN 436 - The Eighteenth Century**

#### **3 Credit Hours**

An in-depth study of representative authors of the Age of Enlightenment, such as Diderot, Voltaire, Rousseau. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **FREN 438 - The Nineteenth Century**

# **FREN 438 - The Nineteenth Century**

#### **3 Credit Hours**

An in-depth study of representative authors of French Romanticism and Realism, such as Chateaubriand, Hugo, Balzac, Flaubert. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **FREN 439 - French Theatre**



# FREN 439 - French Theatre

## 3 Credit Hours

This course builds on the four skills of reading, writing, speaking, and listening as developed in French language courses through the 300 level. At the same time, students will study representative works of the French theatre from its origins through the twentieth century. Students are required to have taken at least one French course from the 300-351 level, or obtain departmental approval.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 440 - The Twentieth Century

# FREN 440 - The Twentieth Century

## 3 Credit Hours

An in-depth study of representative authors of the twentieth century, such as Proust, Gide, Sartre, Camus. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 450 - Classical French Theatre: Myth/Mor

# FREN 450 - Classical French Theatre: Myth/Mor

## 3 Credit Hours

An in-depth study of the French classical playwrights, Corneille, Moliere and Racine. Taught in English; does not count toward major, minor or language certification. Fulfills the E/RS Focus elective. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Humanities Elective, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 451 - 20th Century French Theatre

# FREN 451 - 20th Century French Theatre

## 3 Credit Hours

A study of twentieth-century French theatre's major movements and representative dramatic works. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **FREN 452 - French Comedy**

# **FREN 452 - French Comedy**

### **3 Credit Hours**

A chronological study of the development of French comedy from the medieval farce to the present. Students **MUST** have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **FREN 453 - French Tragedy**

# **FREN 453 - French Tragedy**

### **3 Credit Hours**

A chronological study of the development of French tragedy, melodrama, and tragi-comedy from the medieval Passion plays to the present. Students **MUST** have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **FREN 461 - French Women Writers**

# **FREN 461 - French Women Writers**

### **3 Credit Hours**

A chronological study of representative French women writers from the Middle Ages to the present. Students **MUST** have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **FREN 462 - Paris & Parisians in Lit**

# FREN 462 - Paris & Parisians in Lit

## 3 Credit Hours

This course is to introduce students to the changing manner in which Paris and its inhabitants were viewed by means of an in-depth study of their reflection in selected texts from the literary canon - one text from each the seventeenth-, eighteenth-, nineteenth- and twentieth-centuries. The readings will expose students to the genres of theatre, political and philosophical writings, and the novel. While enhancing their vocabulary, students will develop their linguistic skills of reading, writing, speaking, listening and their cultural competence. At its conclusion, students should be able to discuss with confidence the changing attitudes toward Paris and Parisians from the seventeenth through the first half of the twentieth century. As well, they will be able to highlight the evolution of the capital itself throughout this time period.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 495 - Directed Study: Language

# FREN 495 - Directed Study: Language

## 0 - 9 Credit Hours

Independent study. Students MUST have successfully completed FREN 202/203 before enrolling in this course.

**Prerequisites:** Undergraduate level FREN202 Minimum grade of D and Undergraduate level FREN203 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 496 - Directed Study: Culture/Civ

# FREN 496 - Directed Study: Culture/Civ

## 0 - 3 Credit Hours

Independent study. Students MUST take at least one of the following courses before enrolling in other upper division courses: FREN 303-351.

**Prerequisites:** Undergraduate level FREN202 Minimum grade of D and Undergraduate level FREN203 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 497 - Directed Study: Literature

# FREN 497 - Directed Study: Literature

## 0 - 6 Credit Hours

Independent study. Students MUST take at least one of the following courses before enrolling in this course: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## FREN 499 - Senior Research Project

# FREN 499 - Senior Research Project

**1 Credit Hours**

Research for senior project is required for all majors in French. Most of the required upper-division coursework for the major must be completed before enrolling in this course.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**FREN 700 - Graduate Research: French**

# FREN 700 - Graduate Research: French

**3 Credit Hours**

Research for M.A. Degree. Students MUST have successfully completed at least one of the following courses before enrolling in other upper division courses: FREN 300-351.

**Prerequisites:** Undergraduate level FREN300 Minimum grade of D or Undergraduate level FREN301 Minimum grade of D or Undergraduate level FREN302 Minimum grade of D or Undergraduate level FREN303 Minimum grade of D or Undergraduate level FREN315 Minimum grade of D or Undergraduate level FREN350 Minimum grade of D or Undergraduate level FREN351 Minimum grade of D

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Classics & Modern Languages*

**GDST 206 - Intro to Gender & Diversity**

# GDST 206 - Intro to Gender & Diversity

**3 Credit Hours**

This course provides an intersectional and interdisciplinary introduction to the academic study of social diversity, focusing on a number of different dimensions of privilege and oppression within the national and international context.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**GDST 498 - Capstone**

# GDST 498 - Capstone

**1 Credit Hours**

This 1 credit hour capstone course is designed to guide the GDST student through the process of planning their senior thesis. In the Spring of their senior year, all GDST students must submit a research thesis for public defence. Students are expected to independently design and complete a research-based project on a specific diversity studies topic that synthesizes the scholarly literature in at least two of the disciplines that inform diversity studies and presents a clear, arguable thesis supported by evidence drawn from appropriate sources. In the Fall semester (GDST 498), the student designs their project, identifies two faculty readers from two different disciplines and submits a polished proposal by the end of the course to both the capstone director and their second reader. The following semester, they sign up for GDST 499 a 2 CH course designed to facilitate the writing and completion of the student's thesis. Note that all thesis readers must be GDST affiliated faculty and must be approved by the director of the program as well as the chairs of the faculty members' respective home departments. The focus of the thesis is multidisciplinary and addresses issues concerning gender and diversity studies that stem from the student's own elective concentration or interests. For example, projects may include an internship component or be limited to textual analysis depending on the primary methodologies of the disciplines with which they are working.

**Restrictions:** Must be enrolled in one of the following Majors: Gender & Diversity Studies Must be enrolled in one of the following Classifications: Senior

**Levels:** Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**GDST 499 - Thesis Direction**

# GDST 499 - Thesis Direction

**2 Credit Hours**

0

**Prerequisites:** GDST498

**Restrictions:** Must be enrolled in one of the following Majors: Gender & Diversity Studies Must be enrolled in one of the following Classifications: Senior

**Levels:** Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**GERM 101 - Elementary German I**

## GERM 101 - Elementary German I

**3 Credit Hours**

An introduction to basic language skills through the acquisition of high-frequency vocabulary and the development of cultural awareness.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**GERM 102 - Elementary German II**

## GERM 102 - Elementary German II

**3 Credit Hours**

The second semester elementary course with added emphasis on reading and speaking in the target language. Pre-requisite: GERM 101 (or by placement test)

**Prerequisites:** Undergraduate level GERM101 Minimum grade of D or Placement -German 102

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**GERM 103 - Accelerated Elem German**

## GERM 103 - Accelerated Elem German

**3 Credit Hours**

This course reviews Elementary German vocabulary and grammar, and moves at an accelerated pace through material normally covered in German 102.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**GERM 201 - Intermediate German I**

## GERM 201 - Intermediate German I

**3 Credit Hours**

The first semester intermediate course with emphasis on the development of more creative, independent use of the target language. Pre-requisite: GERM 102 (or by placement test)

**Prerequisites:** GERM102 or GERM103 or Placement -German 201

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 202 - Intermediate German II**

# **GERM 202 - Intermediate German II**

### **3 Credit Hours**

A communicative-oriented course emphasizing reading and writing skills through the study of authentic materials dealing with the culture of the German speaking world. Pre-requisite: GERM 201 or placement by test.

**Prerequisites:** Undergraduate level GERM201 Minimum grade of D or Placement -German 202

**Course Attributes:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 205 - Germ Lit & Moral Imagination**

# **GERM 205 - Germ Lit & Moral Imagination**

### **3 Credit Hours**

Situating contemporary debates about im/migration in a broader historical context, this course examines how authors challenge and reconfigure national and regional identities in the twentieth and twenty-first centuries. We attend to experiences of forced migration within (refugees from Nazism and the Soviet bloc, Balkan refugees) and to Europe (refugees from Africa and the Middle East). Taught in English.

**Course Attributes:** Diversity Flag, Lit and Moral Imagination, Writing Flag Core

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 300 - Advanced German I**

# **GERM 300 - Advanced German I**

### **3 Credit Hours**

The course offers advanced grammar study through active reading and discussion of authentic, everyday German texts. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 301 - Advanced German II**

# **GERM 301 - Advanced German II**

### **3 Credit Hours**

A communicative-oriented course with particular emphasis on the fine details of "educated German." Authentic texts from "Der Spiegel" and other news-magazines and newspapers and authentic German newscasts are examined in preparation for the international German proficiency exam administered by the Goethe Institute, the "Zertifikat Deutsch." This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

## **GERM 302 - German Conversation**

# **GERM 302 - German Conversation**

### **3 Credit Hours**

A course designed for the development of speaking and listening skills through active participation by students. Discussions and activities are based on contemporary issues. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

## **GERM 303 - German Composition**

# **GERM 303 - German Composition**

### **3 Credit Hours**

The goal of this course is the development of both formal and informal writing skills within a cultural or literary framework. Types of writing include among others journal entries, letters, summaries and analyses of texts and audio materia. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

## **GERM 315 - Business German**

# **GERM 315 - Business German**

### **3 Credit Hours**

German business etiquette and business practice as well as the language of German business are practiced through discussions of texts from German business magazines and authentic business letters as well as recreations of real life business situations. This course is a preparation for the international German Business Exam. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

## **GERM 316 - Advanced Business German**

# **GERM 316 - Advanced Business German**

### **3 Credit Hours**

Advanced Business German is a continuation of GERM 315: Business German. The emphasis is on intercultural conduct in business situations, the vocabulary of German business and economics, advanced grammar review, and ultimately the preparation for the international Business German examination "Prüfung Wirtschaftsdeutsch" (PWD) which is usually administered in April of each year. The course offers an in-depth exposure to the spoken and written language of the German-speaking business world: formalities and conventions of business correspondence, 'Lebenslauf,' business in the media, conference terms and codes of behavior, abbreviation usage in the corporate world, documents relating to forms of enterprises and their financing, taxes, reports on the economics of German-speaking countries, and simulations of business situations. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D and Undergraduate level GERM315 Minimum grade of D

**Levels:** Graduate Undergraduate

## **GERM 320 - Stylistics & Advanced Reading**

# **GERM 320 - Stylistics & Advanced Reading**

### **3 Credit Hours**

To sharpen both the grammar and the written/oral communication skills of the participants through reading and discussing diverse German texts from Spiegel, FAZ, Profil is the goal. Particular emphasis will be placed on written analysis. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

## **GERM 330 - Methods Curr Assess In Foreign**

# **GERM 330 - Methods Curr Assess In Foreign**

### **3 Credit Hours**

This course provides an introduction to curriculum content, teaching methodologies and assessment techniques as they pertain to candidates preparing for initial licensure in the teaching of foreign languages. Field experiences will also be incorporated into the course curriculum. Individual interview with instructor is required prior to registering for course.

**Levels:** Graduate Undergraduate

## **GERM 340 - German History & Civilization**

# **GERM 340 - German History & Civilization**

### **3 Credit Hours**

This overview of the history and culture of the German speaking world offers an introduction into the socio-political, economic and philosophical issues from 800A.D. to the present. This content based advanced German course is intended to sharpen the oral and written communication skills of the students as well as deepen their knowledge of Central European history and thought. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

## **GERM 350 - German Culture I**

# **GERM 350 - German Culture I**

### **3 Credit Hours**

The historical, cultural, socio-economic, political and philosophical background of the German speaking world are explored to help understand events leading up to 1933. German contributions to world culture in literature, art, music, science, and other fields are analyzed. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate



## **GERM 351 - German Culture II**

# **GERM 351 - German Culture II**

### **3 Credit Hours**

The tremendous changes that the German speaking countries underwent since 1933 are examined through among others the medium of contemporary political rhetoric (and propaganda), documentaries, editorials, cartoons, cabaret songs. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 410 - The German Fairy Tale**

# **GERM 410 - The German Fairy Tale**

### **3 Credit Hours**

An in-depth study of the concerns and impact of Grimm's Fairy Tales on the contemporary and the present-day reader that also presents modernized versions as well as a comparison to the American versions of the Grimm Tales. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 420 - Intro to German Literature I**

# **GERM 420 - Intro to German Literature I**

### **3 Credit Hours**

A chronological survey of Germanic literature from its Medieval beginnings (Hildebrandslied) to the highlights of the Romantic period (Taugenichts). Presentation based on genres and movements. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 421 - Intro to German Literature II**

# **GERM 421 - Intro to German Literature II**

### **3 Credit Hours**

A chronological study of Germanic literature from the highlights of the Classical period (Goethe, Schiller) to the present. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 430 - The German Short Story**

# **GERM 430 - The German Short Story**

### **3 Credit Hours**

Social, political, cultural, and economic issues of contemporary Germany are discussed as presented in the postwar short stories of among others Borchert, Boll, Kaschnitz, Langasser, Siegfried Lenz, Bichsel, etc. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **GERM 440 - Contemporary German Literature**

## **GERM 440 - Contemporary German Literature**

### **3 Credit Hours**

Various forms of literature from poetry to the radio and television play are used to explore commonalities/differences in the works of Grass, Boll, Johnson, Eich, Walser, Bernhard, Hildesheimer, Seghers, Frisch, etc. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **GERM 441 - German Women Writers**

## **GERM 441 - German Women Writers**

### **3 Credit Hours**

A chronological study of representative Germanic women writers from the Middle Ages to the present with special emphasis on the literature of the former GDR women writers vs. those of the former FRG ("The Third Way"). This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **GERM 444 - Germ Speaking World 1945-1995**

## **GERM 444 - Germ Speaking World 1945-1995**

### **3 Credit Hours**

The breathtaking events of the years after WWII are explored through historical texts, newspaper and magazine articles as well as contemporary prose, drama, poetry, and radio play. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **GERM 454 - East German Writers**

## **GERM 454 - East German Writers**

### **3 Credit Hours**

Novels, stories, poems and songs of "East German Writers" reflecting the "East German" reality are used to examine the clash of "socialist realism" with communist reality and censorship. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **GERM 460 - German Literature in Film**

## **GERM 460 - German Literature in Film**

#### **3 Credit Hours**

Introduces a series of contemporary German films, all of which are based on German literary masterpieces, and seeks to compare and contrast the literary works and their film adaptations. Taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **GERM 465 - Culture as Reflected in Drama**

## **GERM 465 - Culture as Reflected in Drama**

#### **3 Credit Hours**

On the basis of discussing German dramas, the periods they reflect are discussed. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Course Attributes:** Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **GERM 468 - Cultural Reflections in Lit**

## **GERM 468 - Cultural Reflections in Lit**

#### **3 Credit Hours**

Poems, novellas, novels, and short stories are examined as genres and how they deal with the socio-political issues of their time. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **GERM 494 - Selected Reading**

## **GERM 494 - Selected Reading**

#### **3 Credit Hours**

An independent study course created specifically for the special needs of a particular student. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**GERM 495 - Directed Study: Language**

# **GERM 495 - Directed Study: Language**

**1 - 3 Credit Hours**

Independent study. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**GERM 496 - Directed Study: Culture/Civ**

# **GERM 496 - Directed Study: Culture/Civ**

**1 - 3 Credit Hours**

Independent study. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**GERM 497 - Directed Study: Literature**

# **GERM 497 - Directed Study: Literature**

**1 - 3 Credit Hours**

Independent study. Pre-requisite: GERM 202 or by placement test.

**Prerequisites:** Undergraduate level GERM202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**GERM 499 - Senior Research Project**

# **GERM 499 - Senior Research Project**

**1 Credit Hours**

Research for senior project is required for all majors in German. Most of the required upper-division coursework for the major must be completed before enrolling in this course.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**GERM 616 - Advanced Business German**

# **GERM 616 - Advanced Business German**

**3 Credit Hours**

Advanced Business German is a continuation of GERM 315: Business German. The emphasis is on intercultural conduct in business situations, the vocabulary of German business and economics, advanced grammar review, and ultimately the preparation for the international Business German examination "Prüfung Wirtschaftsdeutsch" (PWD) which is usually administered in April of each year. The course offers an in-depth exposure to the spoken and written language of the German-speaking business world: formalities and conventions of business correspondence, Lebenslauf, business in the media, conference terms and codes of behavior, abbreviation usage in the corporate world, documents relating to forms of enterprises and their financing, taxes, reports on the economics of German-speaking countries, and simulations of business situations. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 640 - German History & Civilization**

# **GERM 640 - German History & Civilization**

### **3 Credit Hours**

This overview of the history and culture of the German speaking world offers an introduction to the socio-political, economic, and philosophical issues from 800 A.D. to the present. This content based advanced German course is intended to sharpen the oral and written communication skills of the students as well as deepen their knowledge of Central European history and thought. This course is taught entirely in German. Pre-requisite: GERM 202 or by placement test.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 700 - Graduate Research: German**

# **GERM 700 - Graduate Research: German**

### **3 Credit Hours**

Research for the M.A. Degree. Pre-requisite: Students must have successfully completed at least one upper-division course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Classics & Modern Languages*

## **GREK 101 - Elementary Greek I**

# **GREK 101 - Elementary Greek I**

### **3 Credit Hours**

One semester. The ancient Greek language. syntax, vocabulary, and morphology. The skills necessary to read ancient Greek.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GREK 102 - Elementary Greek II**

# **GREK 102 - Elementary Greek II**

### **3 Credit Hours**

One semester. A continuation of GREK 101.

**Prerequisites:** Undergraduate level GREK101 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GREK 201 - Attic Prose**

# **GREK 201 - Attic Prose**

### **3 Credit Hours**

For students who have had six hours of college level Greek or its equivalent. Selected readings from various Greek authors and genres.

**Prerequisites:** Undergraduate level GREK101 Minimum grade of D and Undergraduate level GREK102 Minimum grade of D

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GREK 202 - Attic Tragedy**

# **GREK 202 - Attic Tragedy**

### **3 Credit Hours**

Selected readings from various authors and genres.

**Prerequisites:** Undergraduate level GREK201 Minimum grade of D

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GREK 203 - Plato: Selected Readings**

# **GREK 203 - Plato: Selected Readings**

### **3 Credit Hours**

The Apology and other selections.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GREK 241 - Koine Greek I**

# **GREK 241 - Koine Greek I**

### **3 Credit Hours**

Readings from the New Testament and Septuagint.

**Prerequisites:** Undergraduate level GREK101 Minimum grade of D and Undergraduate level GREK102 Minimum grade of D

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

**GREK 242 - Koine Greek II**

# GREK 242 - Koine Greek II

**3 Credit Hours**

A continuation of GREK 241. Readings may also include non-scriptural writings.

**Prerequisites:** Undergraduate level GREK241 Minimum grade of D

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

**GREK 311 - History of Ancient Greece**

# GREK 311 - History of Ancient Greece

**3 Credit Hours**

An intensive introduction to the history of Greece from the prehistoric period to the Hellenistic Age, relying upon a reading of primary sources.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

**GREK 321 - Homer Iliad**

# GREK 321 - Homer Iliad

**3 Credit Hours**

A study of the epic.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

**GREK 322 - Homer Odyssey**

# GREK 322 - Homer Odyssey

**3 Credit Hours**

A study of the epic.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

**GREK 331 - Plato: The Republic**

# GREK 331 - Plato: The Republic

**3 Credit Hours**

A critical reading of selections from the Republic.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

**GREK 341 - Thucydides**

# GREK 341 - Thucydides

**3 Credit Hours**

A critical reading of selections from the Histories.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

**GREK 351 - Aeschylus**

# GREK 351 - Aeschylus

**3 Credit Hours**

A selection of readings from several plays.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Theatre Minor

**Levels:** Graduate Undergraduate

**GREK 355 - Attic Orators**

# GREK 355 - Attic Orators

**3 Credit Hours**

In this course we will gain an understanding of ancient Greek rhetorical usage and style through a close reading of famous Athenian orators. We will furthermore learn about rhetorical figures and the parts of a speech, and consider why the precision, beauty, and point of Attic oratory influenced the rhetorical practices of subsequent cultures starting with the Romans and continuing to our own day.

**Prerequisites:** GREK201

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate



**GREK 361 - History of Greek Literature**

# **GREK 361 - History of Greek Literature**

**3 Credit Hours**

A final Greek course meant to be a summation and synthesis of the achievement of Greek literature.

**Restrictions:** May not be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

**GREK 371 - Greek Patristics**

# **GREK 371 - Greek Patristics**

**3 Credit Hours**

This course will guide students through biblical Greek excerpts from notable figures and writing within the early Church. The readings will broaden students' understanding of biblical Greek by translating less familiar Greek readings. Excerpts will be taken from such writings as: The Didache, Martyrdom of Ignatius, Martyrdom of Carpus, Martyrdom of Polycarp, Justin Martyr's Apology, Luian's view of Christians, the Liturgy of Chrysostom. Students will memorize some of the early creeds in Greek and become familiar with the Greek liturgy of Chrysostom, which is still used today in the Greek Orthodox Church.

**Course Attributes:** Honors

**Levels:** Graduate Undergraduate

**GREK 380 - Greeks and Moderns**

# **GREK 380 - Greeks and Moderns**

**3 Credit Hours**

In addition to reading Greek texts in the original language, Greek 380 is designed to have an academic service learning component and/or a topic that engages a modern question to which ancient thought can be applied. The focus of the course will vary from semester to semester, but examples could include: war and peace, class, aesthetics, modern Italy, classics and the civil rights movement, feminism and classical literature, immigration, criminal justice, race, education; This requirement will make explicit the enduring connection between antiquity and the present.

**Prerequisites:** GREK201

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

**GREK 397 - Special Study: Prose**

# **GREK 397 - Special Study: Prose**

**3 Credit Hours**

Credit and content by arrangement.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

**GREK 398 - Special Study: Poetry**

# **GREK 398 - Special Study: Poetry**

**3 Credit Hours**

Credit and content by arrangement.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

**GREK 399 - HAB Capstone Thesis**

# **GREK 399 - HAB Capstone Thesis**

**1 - 3 Credit Hours**

Credit and content by arrangement.

**Levels:** Graduate Undergraduate

**HECO 521 - Intro to Stats for HECOR**

# **HECO 521 - Intro to Stats for HECOR**

**3 Credit Hours**

This is the first in a three-course series on applied statistics for health economics and clinical outcomes research. It will provide a detailed overview of descriptive statistics, and will also cover basic inferential statistics using univariate analysis methods. This course will introduce students to the concepts of multivariable and multivariate analysis procedures.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**HECO 522 - Applied Analysis for HECOR I**

# **HECO 522 - Applied Analysis for HECOR I**

**3 Credit Hours**

This course is intended as the second in a three-course series on applied statistics for health economics and clinical outcomes research. The first course is a detailed overview of statistical methods with emphasis on descriptive statistics, univariate analysis, and categorical data analysis. The second course goes deeper into univariate analysis and introduces non-parametric methods and sample size estimation. In the third course, simple and multiple regression methods will be covered in great depth. A strong emphasis on applied methods of data analysis using programming software will be present in all three courses in this series.

**Prerequisites:** HECO521

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## HECO 523 - Applied Analysis for HECOR II

### 3 Credit Hours

This course is the third in a three-course series on applied statistics for health economics and clinical outcomes research. It will provide a survey of more advanced statistical methods with a focus on causal inference, i.e. methods designed to address research questions that concern the impact of some potential cause (e.g., a medical intervention, a change in treatment, economic conditions, or policies) on some outcome (e.g., time to event, comorbidity, health-care utilization and expenditures). Students will be introduced to propensity score theory and time-dependent statistics; they will also reinforce and apply the concepts and skills learned in HECO 521 and 522 on a data-analysis project.

**Prerequisites:** HECO522

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### HECO 567 - Applied Epidemiology

## HECO 567 - Applied Epidemiology

### 3 Credit Hours

Knowledge and skills useful to health service managers related to population health management, and also managerial epidemiologic analyses and assessment of medical care processes/outcomes are taught in this course. Epidemiology is defined and its applications in health services management and health policy are discussed. Population based epidemiologic assessment methods are presented and utilized. Methods for assessing outcomes of health programs are discussed. Students are introduced to the application of risk factor epidemiological literature in health services management through an applied project.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### HECO 571 - Introduction HECOR

## HECO 571 - Introduction HECOR

### 3 Credit Hours

This course will expose students to a general overview of health economics and clinical outcomes research (HECOR). The topics covered in this course represent a broad selection of major themes in the field; each topic will provide students with the opportunity to develop their understanding of the field as well as learn how economists, epidemiologists, and statisticians think about and conduct HECOR research.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### HECO 575 - Health Economics

## HECO 575 - Health Economics

### 3 Credit Hours

This course will examine the application of economic principles to the allocation of scarce resources in health care; the use of economic theory to understand problems of organization, delivery, and financing of health services; and the choices available to society regarding these issues. In this course we will use methods from microeconomics to investigate how different aspects of the health care system function and to assess the implications for different policies designed to improve that functioning. We will use economic tools and techniques from the sub-disciplines of information economics, industrial organization, labor economics, public economics, behavioral economics, and decision theory to think about these questions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HECO 585 - Health Ethics: Inform/Research**

# **HECO 585 - Health Ethics: Inform/Research**

### **3 Credit Hours**

This course is a graduate-level introduction to basic ethical theory, language, and methodology needed to critically examine contemporary cases in HECOR including such topics as health informatics, health data use, patient confidentiality, large-scale data management, fraud, and retrospective analyses. The course will cover the tension of patient-centered vs. population health research, and the use of personal health records for post-market studies. Students will investigate ethical and practical issues by participating in and leading discussion, and written reflective case analysis.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HECO 598 - Independent Study**

# **HECO 598 - Independent Study**

### **.5 - 4 Credit Hours**

An independent study course is defined as an area of study or research necessitating a high level of self-directed learning in the field of HECOR. This learning requires students to read, conduct research, or complete written examinations, reports, projects, research papers, portfolios, or similar assignments that are designed to measure competency in the stated educational objectives. Opportunities to enroll in course work on an Independent Study basis are limited. A student interested in this option should complete the Independent Study Registration Form and this syllabus template. The student shall fill in all sections with italicized descriptors. The instructor and program director must approve both documents prior to the student proceeding with the Independent Study.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HECO 601 - Intro to Stat. Prog. for HECOR**

# **HECO 601 - Intro to Stat. Prog. for HECOR**

### **1 Credit Hours**

This course will introduce statistical programming for HECOR. Students will learn the basics of a common statistical language and how to conduct simple data programming. This course is designed to give students the universal tools all HECOR practitioners should know when performing statistics with large data sets common to HECOR.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HECO 631 - Global Health Systems**

# **HECO 631 - Global Health Systems**

### **3 Credit Hours**

HECO631 compares the structure and function of health systems to improve population health and connect your understanding of the full breadth of health economics and clinical outcomes research (HECOR) in various types of health systems around the world. Students will study health needs (health indicators, burden of disease measures) and innovative solutions, through financing, regulation and reimbursement systems, under vastly different economic, political and cultural structures. Students will apply information from current "real world" observational and economic analyses to inform healthcare decision-making and adoption by clinicians and consumers. You will learn about the latest global regulatory changes for technology and software that will impact HECOR professionals over the next several years.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### **HECO 674 - Intro to Cost Benefit Analysis**

## **HECO 674 - Intro to Cost Benefit Analysis**

### **3 Credit Hours**

This course will introduce students to the basics of economic evaluations of health care interventions or technology. This value depends not only on how effective a treatment is, but also how costly it is. Economic evaluations provide a method for assimilating different costs and health outcomes associated with medical treatments into a common metric that allows one to assess that treatment's worth in relation to other possible alternatives. By the end of this course, students should be familiar with the basic types of economic evaluations and should understand what issues should be addressed in performing a sound economic evaluation. Through examples and applications, students should also become familiar with how specific economic evaluations are performed, and what are the major challenges and limitations of these approaches.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### **HECO 675 - Economic Eval & Sim Modeling**

## **HECO 675 - Economic Eval & Sim Modeling**

### **3 Credit Hours**

This course will introduce the development, methodological approach, and application of quantitative models used to inform health care decisions. The course will emphasize decision trees and Markov models and introduce agent based modeling techniques. Approaches to uncertainty in the model will be addressed through one-way, two-way, and probabilistic sensitivity analyses. The course will consider the application and presentation of the model to stakeholders with an emphasis on the ethical use and proper disclosure of the limitations inherent in the data and methods.

**Prerequisites:** HECO674

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### **HECO 692 - HECOR Capstone I**

## **HECO 692 - HECOR Capstone I**

### **3 Credit Hours**

This course is the first in a two-course series that integrates the specialized disciplines and knowledge learned from previous HECOR courses through the use of case analyses. Students will be challenged to identify the specific research question, methodologies to answer the question, conduct the analysis, and disseminate the results. This course will focus on how to formulate an answerable research question, query the literature, search for evidence, develop the study design, assemble data, and prepare a research proposal. Student must have completed 24 program credit hours before enrolling in this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **HECO 693 - HECOR Capstone II**

# **HECO 693 - HECOR Capstone II**

### **3 Credit Hours**

This course is the second in a two-course series that integrates the specialized disciplines and knowledge learned from previous HECOR courses through the use of case analyses. Students will execute their research proposal prepared in HECO 692. The course will emphasize the dissemination of scientific research covering the principles of good scientific writing for publication and peer-review, and will culminate in the development of an abstract and oral presentation of their research. Student must have completed 27 program credit hours before enrolling in this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **HESA 101 - Intro To US Health Care**

# **HESA 101 - Intro To US Health Care**

### **3 Credit Hours**

This course is an introduction to the structure, operation and financing of the US healthcare system. It examines the major industry participants; how healthcare services are allocated and financed; the factors that influence the cost and quality of care; and opposing positions on the future of healthcare reform.

**Course Attributes:** Population Health, Writing Flag Core

**Levels:** Undergraduate

## **HESA 110 - Medical Terminology**

# **HESA 110 - Medical Terminology**

### **3 Credit Hours**

This course introduces students to the language of medicine while reviewing the major organ systems of the body.

**Levels:** Undergraduate

## **HESA 120 - Health Care Management**

# **HESA 120 - Health Care Management**

### **3 Credit Hours**

This course is about learning how to manage in health care organizations. Students will learn key principles, practices and personalities of management. As an introductory course, the purpose is to expose participants to a wide range of areas and topics relevant to management, including the four major topical divisions: Plan, Organize, Lead, and Control.

**Prerequisites:** HESA101 and HESA110

**Levels:** Undergraduate

## **HESA 201 - Health Policy**

# **HESA 201 - Health Policy**

### **3 Credit Hours**

This course provides students with a basic framework for health policy analysis and examines major strands of the US health policy. Detailed consideration and discussion are given to the relationship of national policy to the planning, implementation, and funding of health care services, with particular emphasis on low income and minority populations. This course will cover topics such as healthcare policy environment in the U.S., government-funded healthcare through Medicaid and Medicare.

**Prerequisites:** HESA101 and ECON200 and HESA110 and ( MATH116 or MATH156)

**Levels:** Undergraduate

## **HESA 210 - HC Marketing & Strategic Mgmt**

# **HESA 210 - HC Marketing & Strategic Mgmt**

### **3 Credit Hours**

Marketing in health care has changed drastically in the last ten years. In the past, most health care professionals scorned the idea and interpreted it solely as advertising. This has changed as the health care environment continues to evolve at a fast pace and it is necessary for all health care professionals to understand the principles and applications of marketing in a new competitive environment.

**Prerequisites:** HESA101 and HESA110

**Levels:** Undergraduate

## **HESA 220 - HC Reimbursement Systems**

# **HESA 220 - HC Reimbursement Systems**

### **3 Credit Hours**

In this course, the student will become familiar with common medical billing practices, the health insurance industry, legal and regulatory issues and differences in reimbursement methodologies. the student will learn principles of medical billing related to proper claim form preparation, submission and payment processing. This course is recommended for anyone who is preparing for a career in a medical billing department at a physician's office, clinic or similar positions.

**Prerequisites:** HESA110 and HESA101

**Levels:** Undergraduate

## **HESA 230 - Health Care Finance**

# **HESA 230 - Health Care Finance**

### **3 Credit Hours**

Managerial aspects of financial analysis. Includes analysis of financial statements, costs, capital projects, and working capital; Medicare, Medicaid, changes and rate setting under reimbursement schedules; budgeting, return on investment methodology, forecasting, and strategic planning.

**Prerequisites:** ACCT200 and HESA101 and HESA110

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **HESA 245 - Intro to Population Health**

# **HESA 245 - Intro to Population Health**

### **3 Credit Hours**

This course will introduce the concept of population health. Unlike the medical model of healthcare, population health aims to address health on a level of a population not on the level of an individual. Population health describes a collaborative interdisciplinary, customizable approach to prevention of medical illness. We will discuss the precursors of disease, and specifically the role social and environmental determinants of health (such as education, wealth, and environmental factors) on the genesis of disease. This course will introduce interventions for improvement of health on the level of the population in the context of a value-based care delivery system. It will introduce the skills and tools necessary to assess the needs of a population (including subpopulations), and social determinants that influence access and delivery of healthcare within a population. The course will also introduce the application of population health concepts in different careers, from healthcare, to economics, and business.

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **HESA 250 - Public Health**

# **HESA 250 - Public Health**

### **3 Credit Hours**

This course examines the major domains of the public health especially introducing what is public health and how to potentially apply public health to dealing with health issues in the United States of America. A review will be integrated to include the biomedical basis of public health, some historical developments of public health, the role of health ethics especially in research and the future challenges to public health. The course will also present an introduction to the cross-cutting areas of public health including: communication and informatics, diversity and culture, leadership, public health biology, professionalism, program planning, and systems thinking.

**Prerequisites:** HESA101 and HESA110

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **HESA 341 - Health Informatics**

# **HESA 341 - Health Informatics**

### **3 Credit Hours**

Students will learn how informatics expands both provider and patient access to health care, with an emphasis on information and knowledge management. Current applications in informatics are presented, including bibliographic, numeric, and geographic databases.

**Prerequisites:** HESA101 and HESA110

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **HESA 345 - Population Health Management**

# **HESA 345 - Population Health Management**

### **3 Credit Hours**

Health systems have ever-increasing responsibilities to the population they serve as the United States moves to a value-based care delivery system. It is imperative for a health system to meet the needs of the population it serves to be successful. This course will define population health in the context of a value-based care delivery system. It will



introduce the skills and tools necessary to assess the needs of a population (including subpopulations), and determinants that influence access and delivery of healthcare within a population.

**Prerequisites:** HESA101 and HESA110

**Course Attributes:** Population Health

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

**HESA 351 - Electronic Health Records**

## **HESA 351 - Electronic Health Records**

### **3 Credit Hours**

This course serves as an introduction to Electronic Health Record (EHR) systems. The course covers the background, history, issues and barriers to system adoption and health information technology. Students will be exposed to various types of EHR systems and understand the strengths and weaknesses of the various EHR systems.

**Prerequisites:** HESA341 and HESA101 and HESA110

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

**HESA 355 - Quant Methods for Health Serv**

## **HESA 355 - Quant Methods for Health Serv**

### **3 Credit Hours**

An introduction to the importance of biostatistics in guiding health care decision makers.

**Prerequisites:** ( HESA341 or HESA345) and HESA101 and HESA110

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

**HESA 361 - Health Data Management**

## **HESA 361 - Health Data Management**

### **3 Credit Hours**

The purpose of this course is to provide students with the ability to define operational and strategic objectives for health services management information systems and to guide the design of systems to meet those objectives. Particular emphasis will be placed upon the conceptualization of variables to be included in such systems; the design of systems (including an understanding of the hardware, software and communication links); and the proper interpretation and utilization of processed information for program management purposes. Software for employee management will be addressed; and software for clinical data collection, storage and patient management, including the maintenance of confidentiality, will also be addressed. The exercises will emphasize the application of these concepts to practical examples that one may encounter in the health services industry.

**Prerequisites:** ( HESA341 or HESA345) and HESA101 and HESA110 and BAIS220

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

**HESA 370 - Internship Preparation**

## **HESA 370 - Internship Preparation**

### **1 Credit Hours**

This course focuses on preparing students for a summer internship through conversations with internship preceptors in various areas of health care. These conversations focus on current topics in health care, such as innovations in health care and issues facing providers. Students will also be given instruction in writing cover letters, resumes and interviewing strategies.

**Prerequisites:** HESA101 and HESA110

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

### **HESA 371 - Internship I**

## **HESA 371 - Internship I**

### **1 - 3 Credit Hours**

The administrative internship is a 10 to 12 week, full time work experience. It provides students with an opportunity to apply their developing knowledge and skills in the health services field. The internship experience uniquely prepares students by exposing them to other professionals in the field and to the work environment in a way that cannot be duplicated in the classroom. Students gain a better appreciation for the pressures that affect decision making in today's healthcare environment and are able to identify additional skills they will need to better prepare them for a rewarding career in health services. Students must have a 2.0 GPA, cannot be on departmental probation, and have must completed at least 15 hours within their Health Services major in order to register.

**Prerequisites:** Undergraduate level HESA370 Minimum grade of B- and HESA101 and HESA110

**Restrictions:** Must be enrolled in one of the following Majors: Health Services Health Services Administration Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

### **HESA 372 - Internship II**

## **HESA 372 - Internship II**

### **1 - 3 Credit Hours**

The administrative internship is a 10 to 12 week, full time work experience. It provides students with an opportunity to apply their developing knowledge and skills in the health services field. The internship experience uniquely prepares students by exposing them to other professionals in the field and to the work environment in a way that cannot be duplicated in the classroom. Students gain a better appreciation for the pressures that affect decision making in today's healthcare environment and are able to identify additional skills they will need to better prepare them for a rewarding career in health services.

**Prerequisites:** HESA101 and HESA110

**Course Attributes:** Population Health, Service Learning

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

### **HESA 380 - Qual Mgmt & Performance Imp**

## **HESA 380 - Qual Mgmt & Performance Imp**

### **3 Credit Hours**

Understand and manage quality principles and process management systems in the context of contemporary quality systems, their history and commitment to customer focus. This course gives students a broad based understanding of quality principles, management systems, place present day quality systems and initiatives in historical context, and manage and modify quality systems to maintain customer focus.

**Prerequisites:** HESA101 and HESA110

**Levels:** Undergraduate

## **HESA 389 - Applied Health Sciences Sem**

# **HESA 389 - Applied Health Sciences Sem**

### **3 Credit Hours**

This course provides an overview of professional careers and educational paths in health sciences. Professionals from a variety of fields of health science are recruited to present information and prompt discussions concerning scope of professional practice, years of education, admission competitiveness, job market, professional progression (e.g., degree levels, graduate school, and certifications), resources helpful for making career decisions, and career progression in health science professions. Each student completes a career course completion plan for the applied health sciences minor and links the plan to health science careers to explore each student's professional progression and development.

**Levels:** Undergraduate

## **HESA 390 - Foundation of HC Law & Ethics**

# **HESA 390 - Foundation of HC Law & Ethics**

### **3 Credit Hours**

This interdisciplinary course will explore interconnections among ethics, law and health care by examining classic legal-medical ethics cases, legal rules and ethical principles, controversial issues such as access to health care, beginning of life issues, patients' rights, end-of-life issues, disorders of consciousness, and organ transplantation. Special attention will be given to ethical conflicts, as well as the roles of ethics consultants and ethics committees.

**Prerequisites:** PHIL100 and HESA101 and HESA110

**Course Attributes:** ERS Focus Elective, Oral Communication Flag, Population Health

**Levels:** Undergraduate

## **HESA 401 - Health Policy**

# **HESA 401 - Health Policy**

### **3 Credit Hours**

This course provides students with a basic framework for health policy analysis and examines major strands of the US health policy. Detailed consideration and discussion are given to the relationship of national policy to the planning, implementation, and funding of health care services, with particular emphasis on low income and minority populations. This course will cover topics such as healthcare policy environment in the U.S., government-funded healthcare through Medicaid and Medicare.

**Prerequisites:** HESA101 and HESA110 and ECON200

**Levels:** Undergraduate

## **HESA 410 - Public Health**

# **HESA 410 - Public Health**

### **3 Credit Hours**

This course examines the major domains of the public health especially introducing what is public health and how to potentially apply public health to dealing with health issues in the United States of America. A review will be integrated to include the biomedical basis of public health, some historical developments of public health, the role of health ethics especially in research and the future challenges to public health. The course will also present an introduction to the cross-cutting areas of public health including:

communication and informatics, diversity and culture, leadership, public health biology, professionalism, program planning, and systems thinking.

**Prerequisites:** HESA101 and HESA110

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **HESA 451 - Aging In Society**

# **HESA 451 - Aging In Society**

### **3 Credit Hours**

Examines the areas of biology, sociology, and psychology of aging to provide students with a better context for understanding how health-related services are provided to this population.

**Prerequisites:** HESA101 and HESA110

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **HESA 455 - Admin Of Agencies Serv Aged**

# **HESA 455 - Admin Of Agencies Serv Aged**

### **3 Credit Hours**

Examines and evaluates the spectrum of community services and health care delivery systems that serve an aging population, the relationships between such entities, and potential future directions for care delivery to this population.

**Prerequisites:** HESA101 and HESA110 and HESA451

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **HESA 459 - Admin of Post-Acute Care**

# **HESA 459 - Admin of Post-Acute Care**

### **3 Credit Hours**

Examines the role of the administrator in developing and administering policies and programs to meet the needs of chronically ill patients and an aging population.

**Prerequisites:** HESA101 and HESA110 and HESA451

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **HESA 498 - Indep Study in Health Admin**

# **HESA 498 - Indep Study in Health Admin**

### **1 - 4 Credit Hours**

This course prepares the student to design and complete projects that will provide them with advanced skill development in an area of their choosing within health services administration (e.g. finance, process improvement, marketing). Student will apply lessons learned in courses related to their project as they work with faculty in the creation and implementation of their project.

**Prerequisites:** HESA101 and HESA110

**Course Attributes:** Population Health

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

**HESA 511 - Managerial Concepts in H.C Org**

## **HESA 511 - Managerial Concepts in H.C Org**

**3 Credit Hours**

Discusses behavioral theory and its underlying principles as applied to the development of managerial and team work skills for health services administrators.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 515 - Health Care Workforce Strategy**

## **HESA 515 - Health Care Workforce Strategy**

**2 Credit Hours**

Introduces students to fundamental human resource functions: recruitment and selection, performance management, compensation and benefits, training and development, employee labor relations as they are implemented in health care organizations. The course will explore the unique strategic imperatives and challenges of workforce development in a health care organization.

**Prerequisites:** Graduate level HESA511 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 516 - Human Resource Mgmt in HC**

## **HESA 516 - Human Resource Mgmt in HC**

**3 Credit Hours**

The course introduces students to human resource functions as they are implemented in health care organizations and explore the specific issues related to workforce development in health care organizations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 519 - Strategic Mgmt & Marketing**

## **HESA 519 - Strategic Mgmt & Marketing**

**3 Credit Hours**

Applies organizational theories to the understanding and management of the processes by which leaders and their top management teams formulate organizational mission, assess external environments and align internal resources in the implementation of organizational strategies designed to maximize strengths and opportunities and to eliminate weaknesses and threats.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 521 - Quant Methods for HC Admin**

# HESA 521 - Quant Methods for HC Admin

**3 Credit Hours**

Discusses the nature and application of various quantitative methods for analyzing and improving organizational systems and processes within the health care field.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 523 - Quality & Process Improvement**

# HESA 523 - Quality & Process Improvement

**3 Credit Hours**

Introduces the theoretical application of statistical quality management in health care as well as the practical application of quality improvement methods in health care settings.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 529 - Info Systems for Health Servs**

# HESA 529 - Info Systems for Health Servs

**2 Credit Hours**

This course introduces students to theory, technology, and practical application of information systems. Emphasis is placed on preparing managers to interact with multidisciplinary personnel to design, acquire and maintain information systems for integrated health care delivery.

**Prerequisites:** Graduate level HESA511 Minimum grade of C and Graduate level HESA561 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 534 - Health Anal & Decision Support**

# HESA 534 - Health Anal & Decision Support

**3 Credit Hours**

This course introduces students to theory, technology, and practical application of information systems. Emphasis is placed on preparing managers to interact with multidisciplinary personnel to design, acquire and maintain information systems for integrated health care delivery.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 539 - Informatics for Hlth Industr**

# HESA 539 - Informatics for Hlth Industr

**2 Credit Hours**

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**Prerequisites:** HESA529

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 551 - Fundamentals of HC Finance**

# HESA 551 - Fundamentals of HC Finance

**3 Credit Hours**

Examines basic concepts of the structure and use of information to support managers' decision models. Introduces activity-based techniques for costing sales of health services, delivery activities and alternative organization structures. Covers accounting techniques to support the control of operations. Focuses on the relationship of costs to revenues in competitive, integrated care delivery systems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 552 - HC Revenue Cycle & Insurance**

# HESA 552 - HC Revenue Cycle & Insurance

**3 Credit Hours**

All healthcare providers need to get paid to keep their doors open. The vast majority of that payment comes from insurance, both commercial and governmental. This course breaks down the key elements within the chain of events that most occur accurately and timely to turn clinical activity into cash flow. The course also covers the principles of healthcare insurance and the evolving models of payment and the impact that has on providers and patients.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 555 - Applications in HC Finance**

# HESA 555 - Applications in HC Finance

## **3 Credit Hours**

Examines basic principles and techniques used in the financial management of a health care facility, with special emphasis on the capital acquisition problems within the health care industry and their relationship to external pressures on the industry's structure.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 559 - Healthcare Project Admin**

# HESA 559 - Healthcare Project Admin

## **3 Credit Hours**

Examines special financial management topics in the health care industry, such as leasing, refunding debt, risk analysis, outsourcing and merging. Places special focus on the management implications of revenue flows under various payment systems within integrated delivery systems and the effects of regulation.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 561 - Clinical Medicine for HC Admin**

# HESA 561 - Clinical Medicine for HC Admin

## **3 Credit Hours**

Prepares students to become conversant with clinicians by introducing them to basic concepts, terminology, disease processes and clinical issues, and by exposing them to clinical experiences in the classroom and in patient care environments.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 567 - Applied Epidemiology**

# HESA 567 - Applied Epidemiology

## **3 Credit Hours**

Students are introduced to epidemiologic concepts, skills and data, the application of epidemiology to population health and health services and to the application of epidemiologic literature in health services management through an applied project using a health status analysis. Methods to determine risk factors for health problems are discussed and examined in this project.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 571 - Healthcare Services in the U.S**



# HESA 571 - Healthcare Services in the U.S

## **2 Credit Hours**

Provides (1) an historical perspective on the development of health care services in the United States, (2) a description of the key factors and issues which influence the development of the current health care delivery systems and (3) a description of the current health care delivery systems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 572 - Healthcare Systems**

# HESA 572 - Healthcare Systems

## **3 Credit Hours**

Provides (1) an historical perspective on the development of healthcare services in the USA, (2) a description of the key factors and issues which influence the development of the current healthcare delivery systems, (3) a description of the current healthcare delivery systems, including reimbursement and (4) discussion of the future US healthcare system.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 575 - Economics for HC Admin**

# HESA 575 - Economics for HC Admin

## **3 Credit Hours**

Examines the application of economic principles to the allocation of scarce resources in health care; the use of economic theory to understand problems of organization, delivery, and financing of health services; and the choices available to society regarding these issues.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 578 - Health Economics and Policy**

# HESA 578 - Health Economics and Policy

## **3 Credit Hours**

Focuses on how best allocate scarce resources to optimize the provision of health services and well-being of society and analyze how public and private policies impact various stakeholders.

**Prerequisites:** HESA521 and HESA572

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## HESA 579 - Healthcare Policy

# HESA 579 - Healthcare Policy

### 3 Credit Hours

Provides an overview of health policy in the United States and introduces both qualitative and quantitative methods for analyzing health policy with attention given to the political and economic perspectives on health policy questions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## HESA 581 - Health Care Legal Aspects

# HESA 581 - Health Care Legal Aspects

### 3 Credit Hours

Describes the legal climate within which the health care institution operates with an emphasis on the legal concepts that influence the activities of health care administrators.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## HESA 582 - Ethics and Law in Healthcare

# HESA 582 - Ethics and Law in Healthcare

### 3 Credit Hours

Describes the legal climate within which the healthcare institutions operate particularly as they pertain to the activities of healthcare administrators. Introduces the dominant ethical theories and principles in healthcare, relating them to current ethical issues (professional, clinical, social, business, and organizational). Examines the relationships between ethical and legal concepts, and how the two relate and influence each other. Provides the opportunity to begin to formulate ethical and legal positions related to contemporary issues and situations in healthcare.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## HESA 583 - Ethical Issues in Health Care

# HESA 583 - Ethical Issues in Health Care

### 3 Credit Hours

Introduces students to the dominant ethical theories and principles, and the current ethical issues in health care (professional, clinical, social, business, organizational). Provides students with the opportunity to begin to formulate an ethical position related to these issues.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

# HESA 599 - MHA Integrative Capstone Proj

## 2 Credit Hours

Integrates the specialized disciplines and knowledge learned from previous HESA courses through the use of case analyses. Students are challenged to formulate strategies that address complex problem situations faced by managers of health services organizations. This course will utilize an industry case study to examine issues associated with the strategic change and the alignment of health services organizations within their environment. Member of the faculty and experts from the community will present views on these issues and challenge students to formulate and implement strategies and business plans to address problems faced today in the world of health care delivery.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## HESA 600 - Capstone Project in HSA

# HESA 600 - Capstone Project in HSA

## 3 Credit Hours

Integrates the specialized knowledge and skilled learned from the previous online HESA courses through the completion of a project relevant to a health organization.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## HESA 601 - Professional Development I

# HESA 601 - Professional Development I

## 1 Credit Hours

Introduces students to executive basics, including communication skills, presentation skills, business success skills, networking skills, and healthcare administration career opportunities. Executive guest speakers present the class sessions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## HESA 602 - Professional Development II

# HESA 602 - Professional Development II

## 1 Credit Hours

Interprofessional care recognizes a culture of respect, concisely clear communication, interdependent care for client-centered outcomes, and integration of services through shared decision making. This course will provide students with an opportunity to practice across disciplines in teams to meet the needs of individuals, families and the community.

**Prerequisites:** Graduate level HESA601 Minimum grade of S

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

### **HESA 603 - Professional Development III**

# **HESA 603 - Professional Development III**

#### **1 Credit Hours**

Focuses on the administrative residency and beyond, and includes contemporary topics such as facility planning, change management, sustainability, etc. Executive guest speakers present the class sessions.

**Prerequisites:** HESA601 and HESA602

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

### **HESA 604 - Professional Development IV**

# **HESA 604 - Professional Development IV**

#### **1 Credit Hours**

Prepares students for the administrative residency through interaction with senior level healthcare executives on a variety of high-level topics. These executive guest speakers present the class sessions.

**Prerequisites:** HESA601 and HESA602 and HESA603

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

### **HESA 634 - Adv Quality Improvemnt Methods**

# **HESA 634 - Adv Quality Improvemnt Methods**

#### **3 Credit Hours**

Applies quality improvement practices including total quality management and quality function deployment to service organizations at an advanced level.

**Prerequisites:** Graduate level HESA523 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

### **HESA 646 - Marketing in Managed Care Env**

# **HESA 646 - Marketing in Managed Care Env**

#### **2 Credit Hours**

Examines the use of marketing concepts, functions and policies as well as the role of marketing within the current managed health care environment. Data sources on the Internet and software/databases related to health care marketing are utilized in class experiences and in a project.

**Prerequisites:** Graduate level HESA571 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### **HESA 651 - Aging in Our Society**

# **HESA 651 - Aging in Our Society**

**3 Credit Hours**

Examines the areas of biology, sociology, and psychology of aging with an emphasis on the application of research methodologies to the field of aging.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### **HESA 655 - Adm Agencies Serving the Aged**

# **HESA 655 - Adm Agencies Serving the Aged**

**3 Credit Hours**

Examines and evaluates the range and relationship of community services, both existing and proposed, for chronically ill patients and an aging population.

**Prerequisites:** Graduate level HESA651 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### **HESA 659 - Adm of Insts Serving the Aged**

# **HESA 659 - Adm of Insts Serving the Aged**

**3 Credit Hours**

Examines the role of the administrator in developing and administering policies and programs to meet the needs of chronically ill patients and an aging population.

**Prerequisites:** Graduate level HESA651 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

### **HESA 662 - Medical Group Management**

# **HESA 662 - Medical Group Management**

**2 Credit Hours**

Expands and applies knowledge of teamwork, statistical analysis, financial management, organizational theory, strategic management and interpersonal skills to enhance the

student's ability to engage physicians in the development, governance and management of medical groups.

**Prerequisites:** Graduate level HESA571 Minimum grade of C and Graduate level HESA519 Minimum grade of C and Graduate level HESA521 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 672 - Health Ins Systems & Concepts**

# **HESA 672 - Health Ins Systems & Concepts**

### **2 Credit Hours**

Covers the fundamental knowledge and skills necessary for interacting with or operating managed care insurance organizations in the current health care environment. Projects will be completed using problems related to managed care insurance and management of health care utilization risk.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 682 - Hospitals:Struct/Function/Mgmt**

# **HESA 682 - Hospitals:Struct/Function/Mgmt**

### **2 Credit Hours**

This course describes hospital structures, functions, management, and evolutionary growth.

**Prerequisites:** Graduate level HESA511 Minimum grade of C and Graduate level HESA561 Minimum grade of C and Graduate level HESA571 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 686 - Corporate Ethical Issues in HC**

# **HESA 686 - Corporate Ethical Issues in HC**

### **3 Credit Hours**

Develops systematic methods of analyzing the ethical implications of corporate policies, practices and strategic decisions as they relate to internal and external stakeholders as well as to society itself. Pre-requisite: HESA 583.

**Prerequisites:** Graduate level HESA589 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 710 - Ind Stud in Health Admin I**

# **HESA 710 - Ind Stud in Health Admin I**

**1 - 3 Credit Hours**

Permits the student to individually investigate current issues related to the management of healthcare organizations under the guidance of a faculty member.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 711 - Ind Study in Health Admin II**

# HESA 711 - Ind Study in Health Admin II

**1 - 3 Credit Hours**

Continuation of HESA 710.

**Prerequisites:** Graduate level HESA710 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 720 - Residency I**

# HESA 720 - Residency I

**3 Credit Hours**

Provides the student with firsthand, in-depth skills in analyzing the internal operations of a health care institution, including governance, departmental structure, planning and financial management, and human resources development, as well as the external environments impacting the organization.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 730 - Residency II**

# HESA 730 - Residency II

**3 Credit Hours**

Provides students with the opportunity to observe executive role models and to assess and develop their own management philosophies.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

**HESA 750 - Residency III**

# HESA 750 - Residency III

**3 Credit Hours**

This course requires students to conduct individual integrative projects that address topics important both to the student and the preceptor through demonstration of program-defined competencies.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 751 - Residency & Master Project II**

# **HESA 751 - Residency & Master Project II**

### **3 Credit Hours**

Continuation of HESA 750 and HESA 730.

**Prerequisites:** Graduate level HESA730 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HIST 101 - American Roots 1400-1700**

# **HIST 101 - American Roots 1400-1700**

### **3 Credit Hours**

This course examines the history of North America during the early period of colonization. We will study Native American societies on the eve of contact; the cultural encounter between peoples of the Old and New Worlds; the ecological transformation of the continent; and the creation and development of key European colonies. We will also reflect on how patterns established hundreds of years ago continue to influence life in North America today.

**Course Attributes:** Historical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 103 - Immigration to America**

# **HIST 103 - Immigration to America**

### **3 Credit Hours**

This course examines the impact of immigration and ethnicity on American culture. It covers both the immigrant experience as well as the emergence of ethnic identities, communities, and customs. The course also analyzes the politics of immigration, nativist backlash to immigration, and the ways in which ethnicity has transformed notions of class, gender, nationalism, popular culture, and race. We will study the global economics of immigration, the politics of identity, and the impact that multiculturalism has had on American ethnicity.

**Course Attributes:** Historical Perspectives, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 104 - Africans in the Americas**

# **HIST 104 - Africans in the Americas**



**3 Credit Hours**

From the early 1500s through the 1860s, more than 12 million Africans—almost all of them enslaved—crossed the Atlantic Ocean. In the plantation societies, port cities, and mining centers of the Americas, Africans and their descendants struggled to survive under brutal conditions, negotiated new relationships with one another and with their enslavers, and reconfigured African cultural practices. This course will examine the everyday lives, cultures, and survival strategies of these African and African-descended people, with an emphasis on plantation societies in Latin America and the Caribbean.

**Course Attributes:** Africana Studies Minor, Historical Perspectives, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

**HIST 105 - World Civilizations I**

# HIST 105 - World Civilizations I

**3 Credit Hours**

A survey of pre-1500 non-Western world societies, including the Pre-literate Period, Ancient Mesopotamia and Egypt, Ancient India, Early and Imperial China, Islamic Middle East, Pre-Modern Japan, and Africa below the Sahara.

**Levels:** Undergraduate

*College of Arts & Sciences History*

**HIST 106 - World Civilizations II**

# HIST 106 - World Civilizations II

**3 Credit Hours**

A survey of non-Western world societies since 1500, with emphasis on the modern historical development of China, Japan, the Middle East, India, and Africa below the Sahara.

**Levels:** Undergraduate

*College of Arts & Sciences History*

**HIST 110 - American Women Win the Vote**

# HIST 110 - American Women Win the Vote

**3 Credit Hours**

This course examines the woman suffrage movement from the demand for enfranchisement in the Seneca Falls Declaration of Sentiments in 1848 to the ratification of the Nineteenth Amendment in 1920. We will study primary and secondary sources focusing on arguments for and against women's enfranchisement, suffragists' political strategies, and the relationship of the women's rights movement to other social and political movements.

**Course Attributes:** Historical Perspectives, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

**HIST 113 - Law & Order 19th-C US West**

# HIST 113 - Law & Order 19th-C US West

**3 Credit Hours**

This course examines contact, conflict, and conflict resolution in the 19th-century American West. It studies encounters between/among Native Americans, Spanish/Mexicans,

Americans, and other peoples in a variety of contexts, including the fur trade, settlement, mining and industrialization.

**Course Attributes:** Historical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 114 - History of Native Am Health**

# **HIST 114 - History of Native Am Health**

### **3 Credit Hours**

This course will examine the health-related impact of European contact and colonization on Native peoples in North America since 1600. The course will blend elements of history, anthropology, and public health in studying the effects of disease, forced acculturation, and mental and physical health issues (including those linked to poverty and substance abuse), and the effects of resource extraction on Native American communities, as well as those communities' responses to those problems.

**Course Attributes:** Historical Perspectives, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 115 - Women in the American West**

# **HIST 115 - Women in the American West**

### **3 Credit Hours**

This course examines the history of women in what would become the American West from 1500 to the present. It will examine the roles of women in various societies and cultures in the West, and the ways in which women shaped (and were shaped by) the history of the region.

**Course Attributes:** Diversity Flag, Historical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 123 - African History I**

# **HIST 123 - African History I**

### **3 Credit Hours**

A survey of African societies from human evolution and hunter-gathering societies to the mighty states of West Africa in the medieval era. Attention is paid as well to historiography and historical sources in early African history.

**Course Attributes:** Africana Studies Minor, Diversity Flag, Environ Science/Studies Elect, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 124 - African History II**

# **HIST 124 - African History II**

### **3 Credit Hours**

A survey of African societies from 1500 on. Examines both internal political and economic developments as well as the trans-Atlantic slave trade and the era of colonialism that result from European contact.

**Prerequisites:** Undergraduate level HIST123 Minimum grade of D

**Course Attributes:** Africana Studies Minor, Diversity Flag, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 125 - Latin America Cortes to Castro**

# **HIST 125 - Latin America Cortes to Castro**

### **3 Credit Hours**

This course will examine the development of Latin American societies over more than five hundred years of history. A primary goal of the course will be to understand continuity and change in a complex range of social, economic, and cultural structures. The course will explore topics such as the impact of religion, colonialism, and movements for social change on the long-term development of Latin American societies, and the rise of cities, from the first urban settlements to the "mega-cities" of the 21st century.

**Course Attributes:** Historical Perspectives, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 133 - European History I**

# **HIST 133 - European History I**

### **3 Credit Hours**

A topical survey of Western Civilization from Greece to the Reformation emphasizing aspects of political, social and cultural history.

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 134 - European History II**

# **HIST 134 - European History II**

### **3 Credit Hours**

A topical survey of European history from the 16th century to the 20th century emphasizing aspects of political, social, and economic and intellectual history.

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 136 - Europe at War 1914-1945**

# **HIST 136 - Europe at War 1914-1945**

### **3 Credit Hours**

This course examines the history of Europe during and between the twin military conflicts that devastated the continent.

**Course Attributes:** Historical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 138 - Francis: The Making of a Saint**

# **HIST 138 - Francis: The Making of a Saint**

### **3 Credit Hours**

St. Francis of Assisi is the most famous Catholic saint of all time. Why is St. Francis historically important? How can we know anything about him now, hundreds of years after his death? Why do historians, and others, find Francis interesting and relevant? This course examines St. Francis in the time, place, and culture that gave rise to his own piety and his reputation of sanctity: medieval Europe.

**Course Attributes:** Historical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 140 - Britain Sherlock to Britpop**

# **HIST 140 - Britain Sherlock to Britpop**

### **3 Credit Hours**

This class will explore the social, political, and cultural history of Britain from the late 19th century to the late 20th century. In particular, we will consider the impact of the British Empire on British society, the rise and (perhaps) fall of the working class, the nature and effect of "total war," the rise and (perhaps) fall of the Welfare State, and the nature and significance of youth culture. Primary source material will largely be drawn from popular culture, including novels, music, films, plays, advertisements, and propaganda.

**Course Attributes:** Historical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 143 - U.S. History I**

# **HIST 143 - U.S. History I**

### **3 Credit Hours**

Study of the United States from its colonial beginnings through the Civil War, with particular emphasis on the American Revolution, the formative years of the new nation, and the coming of the Civil War.

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 144 - U.S. History II**

# **HIST 144 - U.S. History II**

### **3 Credit Hours**

Study of the United States from the aftermath of the Civil War to the present, with particular emphasis on Reconstruction, impact of industrialization and urbanization, foreign policies, and post-World War II American culture. Pre-requisite: HIST 143.

**Levels:** Undergraduate

## **HIST 151 - Latin American History I**

# **HIST 151 - Latin American History I**

### **3 Credit Hours**

This course will survey major developments in Latin American history and civilization from pre-conquest times through the Independence era of the nineteenth century. Our particular emphasis will be on understanding the unique ethnic and cultural interaction that resulted from the diverse encounters among indigenous peoples, Europeans, and Africans in the Americas.

**Course Attributes:** Diversity Flag, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Latin American Studies Minor, Peace & Justice Studies Minor

**Levels:** Undergraduate

## **HIST 152 - Latin American History II**

# **HIST 152 - Latin American History II**

### **3 Credit Hours**

This course will survey major developments in Latin American history from approximately 1810 to the present. Through lectures, a variety of readings, in-class discussions, and films, this course will explore the political, economic, and social processes that have shaped modern Latin America.

**Prerequisites:** Undergraduate level HIST151 Minimum grade of D

**Course Attributes:** GDST Race and Ethnicity Conc, Gender & Diversity Studies, Latin American Studies Minor, Peace & Justice Studies Minor

**Levels:** Undergraduate

## **HIST 153 - Africa's Past Our Future**

# **HIST 153 - Africa's Past Our Future**

### **3 Credit Hours**

This course introduces students to the rich and deep history of the African continent. Ten historical developments and sociocultural institutions (such as ancient climate change, matriliney and the informal economy) that are long-standing provide a survey of African history that can inform our understanding of Western history and institutions as well as the choices that human societies face in creating a sustainable future.

**Course Attributes:** Gender & Diversity Studies, Historical Perspectives, Peace & Justice Studies Minor, Writing Flag Core

**Levels:** Undergraduate

## **HIST 154 - Papyrus, Parchment and Paper**

# **HIST 154 - Papyrus, Parchment and Paper**

### **3 Credit Hours**

For most of history, only the tiniest proportions of human beings were capable of reading and writing. Written texts nevertheless played a central role in most pre-modern civilizations, and ancient texts passed down across thousands of years continue to shape our world today. This course focuses on the diffusion of writing before the industrial age, especially around the Mediterranean basin, with special attention to the preservation of lightweight, portable texts, and to their modern discovery.

**Course Attributes:** Historical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 161 - Asian History I**

# **HIST 161 - Asian History I**

### **3 Credit Hours**

In our modern-day, interconnected world, events in Asian countries such as Afghanistan, India, Iraq or Indonesia, for example, directly affect our lives in the US. Yet cross-cultural encounters - both friendly and hostile - have taken place for thousands of years. Moreover, modern-day interactions are deeply rooted in past experiences and events, and can only be fully understood with knowledge of this history. We will examine Asian history until 1500 CE, giving special attention to the role of religions in Asian societies, including Islam, Buddhism, and Hinduism. Forms of government, types of economies, and art and culture will also be explored.

**Course Attributes:** GDST Race and Ethnicity Conc, Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 162 - Asian History II**

# **HIST 162 - Asian History II**

### **3 Credit Hours**

In this course we will examine the history of Asia from 1500 CE to the present, looking at how societies developed, changed, and interacted with one another in a pre-modern context. In the current day, there is an ever greater amount and intensity of contact between peoples and cultures from different parts of the world. In our interconnected world, what happens in Afghanistan, India, Iraq or Indonesia, for example, directly affects our lives in the United States. These modern-day interactions are deeply rooted in past experiences and events, and can only be fully understood when we have knowledge of this history. In the course we will pay special attention to the impact of and responses to European colonial expansion in Asia. Pre-requisite: HIST 161.

**Course Attributes:** GDST Race and Ethnicity Conc, Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 164 - Middle East 1800 to Today**

# **HIST 164 - Middle East 1800 to Today**

### **3 Credit Hours**

This course will explore themes and issues in the Mideast since 1800. Topics will include: the fall of the Ottoman Empire; national realignment after W.W. I; Colonialism and Independence; Palestinian-Israeli Conflict; Arab Spring; and the resurgence of Fundamentalism.

**Course Attributes:** Historical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 199 - Historical Perspectives**

# **HIST 199 - Historical Perspectives**

**3 Credit Hours**

The course introduces students to the study of history through a particular topic in global history. Students will learn how to identify and analyze sources, construct arguments about the past and explain change over time. Each section will be identified by a descriptor.

**Course Attributes:** Historical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences History*

**HIST 200 - Eur Antiquity To Reformation**

# HIST 200 - Eur Antiquity To Reformation

**3 Credit Hours**

A topical survey of European history from Rome to the Reformation with particular attention paid to aspects of political, social and cultural history. Special emphasis will be placed upon methods of historical inquiry.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 201 - Europe Reform to Present**

# HIST 201 - Europe Reform to Present

**3 Credit Hours**

An overview of European history from the Protestant Reformation to the present. Special emphasis will be placed upon methods of historical inquiry.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 210 - Sophomore Colloquium**

# HIST 210 - Sophomore Colloquium

**3 Credit Hours**

This team-taught course introduces history majors to the sources and methods of historical inquiry and thereby prepares them for upper-level electives and seminars. A cross-cultural set of issues or events will serve as the vehicle for the investigation of sources and methods and will also acquaint history majors with the uses of comparative history. The specific issues of events as well as the geographic and chronological focus will vary from year to year.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 231 - Transatlantic Slave Trade**

# HIST 231 - Transatlantic Slave Trade

### **3 Credit Hours**

Scholars are continually exploring the historical connections between continents and regions of the world. One major area of study that has emerged from this effort has been the Atlantic World. The slave trade that occurred between the early 1500s to the mid-1880s is one of the experiences that link the continents of Europe, Africa and the Americas. Using the Atlantic World as the focus, we will examine the themes of slave trade, slavery, abolition, and emancipation on both sides of the Atlantic over three and a half centuries. We will be particularly interested in comparing experiences of slavery and emancipation in different parts of the New World and Africa. This course is very much a history from below in which we examine the lives and experiences of those who were enslaved. The role of slave owners and slave traders will be considered as well, but they will not be the focus of the course.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

### **HIST 233 - Women In American History**

## **HIST 233 - Women In American History**

### **3 Credit Hours**

This course examines the central experiences of diverse groups of American women from the colonial era to the present. We will focus on women's political activism, paid and unpaid labor, individual and collective relationships, the emergence of modern feminism, women and war, and consumer culture. The course will also explore the changing nature and meanings of masculinity and femininity.

**Levels:** Graduate Undergraduate

*College of Arts and Sciences History*

### **HIST 245 - Cincinnati History & Politics**

## **HIST 245 - Cincinnati History & Politics**

### **3 Credit Hours**

A political history of Cincinnati with an analysis of contemporary urban politics.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

### **HIST 247 - US Contact to Civil War**

## **HIST 247 - US Contact to Civil War**

### **3 Credit Hours**

An overview of the United States from its colonial beginnings through the Civil War. Special emphasis will be placed upon methods of historical inquiry.

**Course Attributes:** Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

### **HIST 248 - US Civil War to the Present**

## **HIST 248 - US Civil War to the Present**



**3 Credit Hours**

An overview of the United States from the Civil War to the present. Special emphasis will be placed upon methods of historical inquiry.

**Course Attributes:** Humanities Elective, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 256 - Biking the Bioregion**

# HIST 256 - Biking the Bioregion

**0 - 3 Credit Hours**

This course introduced students to Cincinnati's bioregion through bicycling and local tours, presentations, and discussions of readings. Raising fundamental questions about what it has meant and what it means to be human and civilized, the course encourages students to recognize and embrace the peril and promise of humanity in an age of environmental challenges and opportunities. Anyone of any level of fitness can participate in the course. Students need to have access to a bicycle of any kind: road, hybrid, etc.

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 260 - Jewish Civilization I**

# HIST 260 - Jewish Civilization I

**3 Credit Hours**

This course will cover the history, literature, and thought of the Jews from the Second Temple Period (5th century B.C.E.) through the rise of Rabbinic Judaism. Considerable attention will be given to the various forms of Judaism during the Second Temple Period, the emergence of Christianity, and the transition from a Priestly to Rabbinic Religion.

**Course Attributes:** Humanities Elective, Jewish Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

**HIST 262 - Jewish Civilization II**

# HIST 262 - Jewish Civilization II

**3 Credit Hours**

This course will explore Jewish history and life as it developed in the Middle ages by closely examining the religious, philosophical, mystical, and legal texts produced by Jewish communities throughout Europe, the Middle East, and North Africa.

**Course Attributes:** Humanities Elective, Jewish Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 263 - Jewish Civilization III**

# HIST 263 - Jewish Civilization III

**3 Credit Hours**

This course will cover the history, literature and thought of the Jews from the Enlightenment to the present. Students will examine Jews and Judaism, completing the sequence of Jewish Civilization I and II as part of the Jewish Studies minor.

**Course Attributes:** Humanities Elective, Jewish Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 275 - Urban Imaginaries In Asia**

# HIST 275 - Urban Imaginaries In Asia

**3 Credit Hours**

The course introduces students to competing imaginations of Asian cities and the socio-economic processes that have shaped urban space in the region from the 18th century until the turn of the 21st century. In this course, we will study some of the important cities in the region such as Bombay (Mumbai), Jakarta, Delhi, Shanghai, Tokyo, and Dubai. We will focus on themes like the changing political economy of these cities, its lived and everyday experiences, and the visual and textual representations of urban space.

**Levels:** Graduate Undergraduate

*College of Arts and Sciences History*

**HIST 276 - History of Nicaragua**

# HIST 276 - History of Nicaragua

**3 Credit Hours**

Taught as a component of the Academic Service Learning Semester in Nicaragua, the goal of this course is to introduce students to the history of Nicaragua from the independence era to the present. Topics of study will include the nation building process of the early nineteenth century, the Walker Affair and the National War, the triumph of liberalism as a guiding force in politics and economics, the struggle to overcome persistent violence, contemporary popular culture, and the turn toward new economic, political and cultural realities in the twenty-first century. Academic Service Learning Program Only.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 280 - Alfred Hitchcock in Hollywood**

# HIST 280 - Alfred Hitchcock in Hollywood

**0 - 2 Credit Hours**

This course is designed for undergraduates and serves as both an in-depth investigation of a major artist and an exploration of American attitudes and institutions during World War II, the Cold War, and the upheavals of the 1960s and early 70s. Students are required to do a significant amount of reading and writing.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 285 - Hollywood: A Soc & Cult Hist**

# HIST 285 - Hollywood: A Soc & Cult Hist

**0 - 3 Credit Hours**

Hollywood has always taken historical themes for some of its most ambitious projects, a trend that has become even more pronounced in the past decade. What has not always been understood is that Hollywood and the development of the American movie industry has been a central element in the social and cultural history of 20th century America. Thus, this workshop has two purposes: to critically examine various film images of American history and equally important, to place Hollywood and its products in the larger context of 20th century American history.

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 286 - America Through the Lens**

# HIST 286 - America Through the Lens

**0 - 3 Credit Hours**

Films and television programs will be analyzed in order to both identify the cultural and historical messages they contain. The formulas and conventions of Hollywood genres will be examined. This understanding of genre will serve as a primary analytical tool as we de-construct the films and television programs studied in class.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 287 - Baseball & American Culture**

# HIST 287 - Baseball & American Culture

**2 - 3 Credit Hours**

Commentators have long argued that baseball is a key to understanding American culture and the American character. Over the past two decades historians of the sport have unearthed an enormous amount of material that not only verifies this insight but allows us to be more precise about the connection between baseball and the development of American culture.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 288 - Un-"Happy Days": Fear in 1950**

# HIST 288 - Un-"Happy Days": Fear in 1950

**2 Credit Hours**

This course is designed for undergraduates and serves to introduce students to the study of mass media as well as a crucial decade in American history. It also explores the use and misuse of history, calling into question the tendency to serve up history in ten year units (i.e. the opening lecture is "The Fifties: 1935-1992"). Students are required to do a significant amount of reading (two books and a handful of reviews) and writing (five short reaction papers and a longer analytical paper).

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 289 - Movies & Cities**

# HIST 289 - Movies & Cities

## 0 - 3 Credit Hours

The course is designed for undergraduates and serves as an introduction to both American urban history and the history of movies. It also acquaints students with interdisciplinary methods. Students are required to do a significant amount of reading and writing.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 290 - Introduction to Public History

# HIST 290 - Introduction to Public History

## 3 Credit Hours

This course will introduce students to the practice of presenting history to the public at large. It will provide students with basic preparation for work in cultural resource management, historic preservation, and museum fields. This is the required introductory course for Xavier's minor and concentration in Public History.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 300 - Writing in Public

# HIST 300 - Writing in Public

## 3 Credit Hours

Writing in Public is a tutorial for sophomores in the philosophy, politics, and the public honors program. Designed to promote the development of public intellectuals, the tutorial emphasizes writing on public issues for a general audience. Writing in Public is taught in conjunction with POLI 324 Legislative Politics.

**Co-requisites:** PPUB211

**Restrictions:** Must be enrolled in one of the following Majors: Philos, Politics & The Public

**Course Attributes:** Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 301 - Colonial America

# HIST 301 - Colonial America

## 3 Credit Hours

Examines the establishment and evolution of Anglo-American colonial societies to 1754, emphasizing their social, economic, cultural, and political development.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 302 - Formative Yrs of Rep:1763-1789**

## **HIST 302 - Formative Yrs of Rep:1763-1789**

**3 Credit Hours**

Thirteen colonies become a national state. Emphasis on the causes of the American Revolution and the writing of the Constitution of 1789.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 303 - The New Nation 1785-1825**

## **HIST 303 - The New Nation 1785-1825**

**3 Credit Hours**

The U.S. Constitution and the ideas and issues which conceived and influenced the shaping of the new nation.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 304 - The Age of Jackson**

## **HIST 304 - The Age of Jackson**

**3 Credit Hours**

Probes the origins of the market revolution in America and its impact upon social, cultural and political institutions.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 306 - Civil War & Reconstruction**

## **HIST 306 - Civil War & Reconstruction**

**3 Credit Hours**

Examines the causes and consequences as well as the experience of civil war, focusing on 1848 to 1877.

**Course Attributes:** Diversity Flag, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 308 - Urban History, Geography & GIS**

## **HIST 308 - Urban History, Geography & GIS**

### **3 Credit Hours**

GIS tools and the skills to use them are a critical part of what is expected of professionals in the various fields related to urban sustainability. This requires an understanding of when and why to display information geographically. Introducing students to geographic mapping skills, this course is designed to develop an understanding of the geography of place at many levels (site, community, city, region, watershed, national, and global). Students will learn how maps are constructed, what information is best presented in geographic form, and how to analyze information in geographic format. As students work through this course they will also gain a better understanding of the geographic relationships between uses and places and how geography and distance shape urban development, urban systems, and their sustainability. The past, present, and future of the city of Cincinnati will provide the foundation for practical applications of GIS.

**Levels:** Undergraduate

*College of Arts & Sciences History*

## **HIST 309 - Age of Big Business:1869-1912**

# **HIST 309 - Age of Big Business:1869-1912**

### **3 Credit Hours**

A survey of the period emphasizing political, social, and economic topics.

**Course Attributes:** Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 310 - History of Rome**

# **HIST 310 - History of Rome**

### **3 Credit Hours**

This course explores the history of ancient Rome to gain an understanding and critical appreciation of Roman civilization and the historiography of ancient Rome through a study of its history, government, art, literature, social development, and prominent personalities. Primary source readings will reveal Roman views on politics, warfare, slavery, women, sexuality, and religion among other aspects of Roman life. The course will also focus on historiography, that is, how historians have interpreted the past. Through such means, students will increase their understanding of another society and their ability to reflect and think critically about change in a political system over time. This course may have as its focus different topics from different periods of Roman history.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 313 - United States Since 1932**

# **HIST 313 - United States Since 1932**

### **3 Credit Hours**

Beginning with an analysis of the Great Depression and the federal response in the New Deal, this course traces the development of domestic and foreign policy in terms of New Deal liberalism and its challengers.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 315 - The Great Depression**

# HIST 315 - The Great Depression

## 3 Credit Hours

This course examines the Great Depression as a cultural event that challenged Americans core assumptions about the economy, the state, and the progress of modernity. We will examine not only origins, politics, and legacies of the Depression, but also how Americans made sense of this event through art, literature, music, film, politics, protests, and new amusements. We will examine the culture of the Depression and its place within American iconography and memory. We will ask what the Depression meant to those who experienced it and what it has meant to us since.

**Course Attributes:** Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 317 - Religion in American Life

# HIST 317 - Religion in American Life

## 3 Credit Hours

Surveys American religious life from Puritanism to Televangelism, exploring such topics as revivalism as a distinctly American mode of religious expression and the relationship between religion and society.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 320 - U.S. Economic History

# HIST 320 - U.S. Economic History

## 3 Credit Hours

A brief overview of the historical development of the American economy, examines in depth such topics as industrialization and its discontents, the rise and demise of slave labor, and the economic history of women.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 321 - Native American History

# HIST 321 - Native American History

## 3 Credit Hours

This course provides an overview of Native American history from the peopling of the Americas to the present. It challenges students to consider the ways in which the history of Indian peoples is intertwined with the larger narrative of American history. Topics covered include the development of agriculture in North America, Native American cultural diversity, the encounter with European and African peoples, the ongoing struggle for sovereignty. Emphasis is placed upon the ways Native American peoples coped with the colonization of their continent and continue to perpetuate their cultural identities in the midst of a non-Native American population.

**Course Attributes:** Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 324 - African-Am Struggle for Equity**

## **HIST 324 - African-Am Struggle for Equity**

**3 Credit Hours**

Examines African-American movements for racial equality within a chronological framework. Focusing on African-American writers and activists, it will stress relationships between racial and national identities. The course will examine continuing debates over the meaning of equality. Based on their historical understanding, students will discuss current arguments about Black identity, affirmative action, and multiculturalism.

**Course Attributes:** Africana Studies Minor, Diversity Flag, ERS Focus Elective, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 329 - Urban America**

## **HIST 329 - Urban America**

**3 Credit Hours**

Focused on the period from the Civil War to the end of the New Deal this course examines urban industrialization and its impact on American society, politics, and culture.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 333 - Hist of American Childhood**

## **HIST 333 - Hist of American Childhood**

**3 Credit Hours**

Modern Americans generally view childhood as a natural stage in the human life cycle distinct from the work and responsibilities of adulthood. Since the pathbreaking work of Philippe Aries (*Centuries of Childhood*, 1962), historians have challenged this popular assumption, arguing that far from being natural or universal, childhood is socially constructed. From this perspective, individual experiences and cultural expectations have been shaped by historical context, including social and economic conditions, race, ethnicity, religion, class, and gender. Students in this class will examine critically both popular and historical definitions of childhood, adolescence, and youth through reading in primary and secondary sources, class discussion, and formal written exercises. Common readings in Harvey Graff, ed., *Growing Up in America* (1987), and anthology designed for classroom use will provide a chronological and thematic framework for the course. Each student will also read, discuss, and prepare brief essays on autobiographical accounts, which may include works by Benjamin Franklin, Lucy Larcom, Frederick Douglass, Richard Wright, Sandra Cisneros, or Ann Moody. Each student will also write a review of the secondary literature on a topic in the history of childhood to be chosen in consultation with the instructor.

**Course Attributes:** Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 335 - The "Sixties" : 1945-2008**

## **HIST 335 - The "Sixties" : 1945-2008**

**0 - 3 Credit Hours**

Taking issue with the ideology that history comes in neat ten-year packages, this course places the period of upheaval often called "the sixties" into a larger historical framework. We will identify and analyze movements and ideologies that preceded, overlapped and followed the 1960's.

**Course Attributes:** Humanities Elective



**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 336 - Sports & Leisure in the US**

# **HIST 336 - Sports & Leisure in the US**

### **3 Credit Hours**

This course examines the histories of American sport as not only a form of exercise, leisure, competition and entertainment but also as a form of monopolistic business, nationalism, and contesting identities of race, class and gender. We trace the multiple histories of sport (including colonial notions of play, bare-knuckle boxing in the early republic, the Victorian bifurcation of "amateur" and "professional," the rise of folk heroes, racial inclusion and exclusion, the nationalistic struggles of the Olympics, the industry of sport, gender equality and inequalities, and medical understandings of brain injuries dating back to the 19th century) because sport and sport culture serves as a useful mirror of American society.

**Course Attributes:** Diversity Flag, ERS Focus Elective, Humanities Elective, Population Health

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 340 - History of Mexico**

# **HIST 340 - History of Mexico**

### **3 Credit Hours**

Examines major themes of Mexican social, political, and cultural history from 1810 to the present. The course pays particular attention to the ways that race, class, religion, and gender have intersected over time, and the impact of these intersections on the making of modern Mexico.

**Course Attributes:** Humanities Elective, Latin American Studies Minor, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 346 - Modern Japan**

# **HIST 346 - Modern Japan**

### **3 Credit Hours**

A survey of Japan since 1600, including the Tokugawa Era, the Collapse of the Shogunate, the Meiji Period, the Rise of Militarism and World War II, and the Postwar Reconstruction and Economic Resurgence.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 347 - Modern China**

# **HIST 347 - Modern China**

### **3 Credit Hours**

A survey of China since 1600, including the Rise of the Qing Dynasty, the Decline of the Manchus, the Chinese Revolution, the Warlord and Guomindang Periods, the Anti-Japanese War of Resistance, and the Communist Era.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 350 - Globalization**

# **HIST 350 - Globalization**

### **3 Credit Hours**

One can hardly open a book or newspaper or turn on the television without hearing something about "globalization." We hear about the promise and the problems of economic globalization, about newly emerging global cultural forms, and we have now fully entered an era of global terrorism. Businesses attempt to strategize about it, students and workers both in the United States and abroad protest it, and scholars attempt to define it and to understand its impacts upon our laws, our economies, our identities and our values. Even a cursory review of the range of treatments leaves one convinced of the importance of the topic; at the same time it leaves one confused about the term's meaning(s), about whether we should feel hopeful or threatened by it, and about what it will mean for our individual, communal and national lives. One thing is certain: "globalization" is and will continue to define critical dimensions of our present and our future. This course will employ interdisciplinary, integrative approach to explore globalization in its economic, political, culture, environmental and ethical dimensions.

**Course Attributes:** ERS Focus Elective, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 351 - Zionism & Modern Israel**

# **HIST 351 - Zionism & Modern Israel**

### **3 Credit Hours**

This course traces the growth of the Zionist movement at the end of the 19th century, first in Russia and then in Western Europe and the U.S., and its role in the creation of modern Israel coupled with an examination of Israel's history since 1948. There are two major goals in this course: to trace the development of modern Jewish nationalism as a response to 19th century anti-Semitism and understand its relationship to the creation of Israel; and second, to examine how new interpretations of Israel's history published in the past decade challenge the myths and presuppositions underlying the creation and development of the state.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 352 - Modern Middle East**

# **HIST 352 - Modern Middle East**

### **3 Credit Hours**

This course will survey Middle Eastern History from 1500 until the present. Topics include: The Rise and Fall of the Ottoman Empire, European Colonization, World War I and World War II and the Formation of New Nations, and the critical importance of Oil, Secularism, Zionism, and Islam in the Modern Period.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 357 - History of Communication Tech**

# HIST 357 - History of Communication Tech

## 3 Credit Hours

This class explores a series of historical revolutions in the technology of human communication. We will focus in particular on writing, printing, and hypertext technologies, tracing the story from the invention of writing through the medieval book, the printing press and up to the internet and the World Wide Web. Students will complete a wide variety of projects, including research projects culminating in public websites.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 358 - Renaissance Europe

# HIST 358 - Renaissance Europe

## 3 Credit Hours

This course traces the growth of the Zionist movement at the end of the 19th century, first in Russia and then in Western Europe and the U.S., and its role in the creation of modern Israel coupled with an examination of Israel's history since 1948. There are two major goals in this course: to trace the development of modern Jewish nationalism as a response to 19th century anti-Semitism and understand its relationship to the creation of Israel; and second, to examine how new interpretations of Israel's history published in the past decade challenge the myths and presuppositions underlying the creation and development of the state.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 359 - Reformation Europe

# HIST 359 - Reformation Europe

## 3 Credit Hours

A study of the interaction between religious, social, and political reforms with an emphasis on the ideas of Luther, Zwingli, Calvin, and the peasants.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 360 - Europe 1648-1815

# HIST 360 - Europe 1648-1815

## 3 Credit Hours

Social, political, and intellectual developments in the period from absolutism to enlightened monarchy. Emphasis will be placed on the evolution of state institutions and bureaucracies.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 362 - Global Cultures & Publics

# HIST 362 - Global Cultures & Publics

## 3 Credit Hours

This course will look at the creative tensions that framed the encounters between western modernity and the 'non-west.' Primarily, this course will explore how various forms, practices, and processes related to modernity are transformed and constituted within the context of the non-west. Using scholarly texts, popular literature, and visual materials the course will attempt to examine critically the relationship between modernity and its 'others.'

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 363 - Cathedrals, Crusaders & Coll

# HIST 363 - Cathedrals, Crusaders & Coll

## 3 Credit Hours

This course examines medieval civilization in Europe for the period generally known as the High Middle Ages (1000-1300). We will organize our exploration of this period with three emblematic developments of the High Middle Ages: cathedral-building, the crusading movement, and the rise of universities. We will discuss the foundations of these developments, addressing the nature of the agricultural and commercial revolutions, high medieval religion, and medieval politics and patronage.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 364 - Vikings!

# HIST 364 - Vikings!

## 3 Credit Hours

What do we know about Vikings? Scandinavian marauders who pillaged at will throughout Europe, or highly efficient tradesmen who built kingdoms on their success? Or perhaps they were great poets who tamed time, space, and gods with their words and raised memorials in stone to their loved ones? Or men with horned helmets and furry leg-warmers who quaffed mead in copious quantities while yearning to die in battle and fly to Valhalla, the sky-hall of the gods? We will use their own words, as well as the words of their enemies, friends and descendants, to address these questions.

**Course Attributes:** Humanities Elective, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 365 - Tudor England

# HIST 365 - Tudor England

## 3 Credit Hours

The course will examine how different cultures, Roman and German, dealt with marriage and sexual activity outside marriage; it will also examine how Christian moralists began to influence marriage customs and morality and how Christian morality was influenced by those customs. Changes brought about by feudalism and the urban revolution of the eleventh century will also be covered.

**Course Attributes:** Catholicism & Culture Minor, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 366 - Movie Knights

# HIST 366 - Movie Knights

### 3 Credit Hours

Knights in shining armor, bow-wielding vigilantes in green tights and a cart-pushing cretin admonishing his neighbors to "bring out your dead" - all these well-known images come to us from films, the primary means by which most of us encounter medieval history. The Middle Ages seem to us at once terribly romantic (think of chivalrous knights) and horribly uncivilized (think of "medieval" table manners). This class will explore modern popular imaginings of the Middle Ages through film. We will view several feature-length films and numerous clips, interspersed with readings from and about the Middle Ages. Our aim will be to develop a more critical perspective on historical films and other historical genres, allowing us to evaluate historical films critically without sacrificing our enjoyment of them. Films will range from Monte Python's "Holy Grail" to "The Seventh Seal" and "The Kingdom of Heaven." Themes will include Robin Hood, the Crusades, the Black Death and Joan of Arc. Some reading will need to be completed before the course begins.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 367 - Stuart England

# HIST 367 - Stuart England

### 3 Credit Hours

A survey of the political, intellectual, social and economic history of England from 1608 - 1688.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 368 - The English Reformation

# HIST 368 - The English Reformation

### 3 Credit Hours

An examination of the historiography of the English Reformation and of the political, social, and religious backgrounds course of the reformation in England from the late middle ages through the reign of Elizabeth I.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 370 - The British Empire

# HIST 370 - The British Empire

### 3 Credit Hours

An examination of issues of 19th and 20th century British Empire.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 372 - Victorian & Edwardian England**

# **HIST 372 - Victorian & Edwardian England**

### **3 Credit Hours**

Survey of English history 1830s - World War One.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 373 - England Since 1914**

# **HIST 373 - England Since 1914**

### **3 Credit Hours**

Survey of English history and England's role in world affairs with major emphasis on 1914-1945.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 375 - Modern Ireland**

# **HIST 375 - Modern Ireland**

### **3 Credit Hours**

Survey of Irish history with major emphasis on the period after 1840; includes the history of Northern Ireland.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 377 - Modern France**

# **HIST 377 - Modern France**

### **3 Credit Hours**

Survey of French history and culture since 1789.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 378 - French Revolution**

# HIST 378 - French Revolution

## 3 Credit Hours

The French revolution entailed far more than just the toppling of a king. It also included massive changes in religious practice, warfare, national identity, language and even clothing. The very institutions that made up French society - the Catholic Church, the Absolutist state, noble privilege-came under attack, but it was not clear what would take their place. Europe went to war for over twenty years, and the French underwent periods of civil war, terror and dictatorship. We will examine the influence of prominent individuals, such as Marie Antoinette, Robespierre and Napoleon, on the course of these events, while also considering long-term social, political and cultural change. We study these events in order to understand modern France, the revolutionary process, and the world we live in today.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 380 - Post-1945 Europe

# HIST 380 - Post-1945 Europe

## 3 Credit Hours

This class will explore the recovery of Europe after the devastation of World War II. Topics will include: collective memory of the war, the Cold War, and European unity.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 386 - Russia 1801-1917

# HIST 386 - Russia 1801-1917

## 3 Credit Hours

A general survey of the late imperial period from the reign of Alexander I to the 1917 Revolution.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 387 - Lenin to Putin 20th Cent Russi

# HIST 387 - Lenin to Putin 20th Cent Russi

## 3 Credit Hours

This course covers the history of the Soviet Union from the Russian revolution of 1917 to the end of the Khrushchev era. Rather than developing a straight chronology of events, during the semester we will explore various approaches to the "big" problems of Soviet history, contrasting the views of various historians and incorporating a variety of primary documents. Readings and class discussions will explore the Bolshevik seizure of power, the experimental nature of Soviet society during the 1920s, collectivization and industrialization during the 1930s, interpretations of the purges and terror of the 1930s, the impact of the Second World War, Stalin's last years, and the post-Stalin era, especially concentrating on Khrushchev's rule.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 389 - Women in European History

# HIST 389 - Women in European History

### 3 Credit Hours

This course examines the central experiences of European women from the French Revolution to the Present. We will focus on women's involvement in social and political movements (progressive and reactionary), women's work, the changing relationship to the state (suffrage, welfare, legislation), the family, the emergence of modern feminism, women and war, and consumer culture. The course will also explore the evolution of the nature and meanings of masculinity and femininity.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 393 - History of the Jesuits

# HIST 393 - History of the Jesuits

### 3 Credit Hours

This course will introduce students to religion in the late Middle Ages and the place of organized religious life in that Society. Students will then read about Ignatius Loyola and the formation of the Society of Jesus and its place in changing religious life because of the criticisms of the Christian Humanists. The students will then read about the work of the Society in education, in Latin and South America, in China and Japan, in exploring the North American continent and in astronomy. The Jesuits ran the only world wide school system from its beginnings in Messina in 1540 until the suppression of the Society in 1784.

**Course Attributes:** Catholicism & Culture Minor, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 395 - History of South Africa

# HIST 395 - History of South Africa

### 3 Credit Hours

South Africa is one of the wealthiest nations on the African continent and yet for the last three hundred years its riches have been in the hands of the white minority. The history of South Africa cannot be understood only within the context of European/African relations. For Dutch (Afrikaaner) and British settlers often have not shared economic and political interests. Moreover, Africans, such as Khoi, Xhosa, and Zulu have also been in conflict. The history of South Africa then, provides the opportunity to study a racially complex society in which interracial relations, and sometimes intraracial relations, were (and still are) troublesome.

**Course Attributes:** GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 397 - A History of Saving the World

# HIST 397 - A History of Saving the World

### 3 Credit Hours

This course will examine the various ways that Europeans have tried to "save the world" from the Enlightenment to the present. Topics include human rights, humanitarianism, charity, abolition and environmentalism.

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate



*College of Arts & Sciences History*

## **HIST 398 - History of Agriculture**

# **HIST 398 - History of Agriculture**

### **3 Credit Hours**

Agriculture is both viewed as essential to civilization and as the critical development in fundamentally altering the human relationship to the environment (its soil, air and water systems). It is the examination of these contrasting realities that is at the heart of this course. Using Mazoyer and Roudart's *History of World Agriculture*, this course examines the 10,000 year trajectory of agricultural intensification in multiple places in the world with an emphasis in Africa, Europe and the United States.

**Course Attributes:** Environ Science/Studies Elect, Humanities Elective, Oral Communication Flag, Peace & Justice Studies Minor, Quantitative Reason Flag Full

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 402 - SEM: Religion in American Life**

# **HIST 402 - SEM: Religion in American Life**

### **3 Credit Hours**

Examines the relationship between religion and culture in a specific era of American life (e.g. colonial America, Jacksonian America, the Gilded Age). Fulfills the E/RS Focus elective. Pre-requisite: PHIL 100, THEO 111.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** ERS Focus Elective, Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 405 - SEM: American Revolution**

# **HIST 405 - SEM: American Revolution**

### **3 Credit Hours**

A study of the causes and issues which contributed to the coming and character of the American Revolution.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 408 - SEM: Constructing the Public**

# **HIST 408 - SEM: Constructing the Public**

### **3 Credit Hours**

The first half of this honors seminar is a rigorous, intensive, multi-disciplinary investigation of the historical development of the civic culture of the United States from 1700 (before there was a U.S.) to 2002. Students **MUST** take both halves of the course.

**Restrictions:** Must be enrolled in one of the following Majors: Philos, Politics & The Public Must be enrolled in one of the following Classifications: Sophomore

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 409 - Travel in the Middle Ages**

## HIST 409 - Travel in the Middle Ages

### 3 Credit Hours

Historians conventionally date the start of "globalization" to either the 1500s (when Europeans reached the Americas) or as late as the 1970s. Yet many characteristics of "global" societies were present much earlier, during the middle ages: These include long-distance trade, voluntary and forced migration, multi-ethnic empires, and the transmission of cultural forms across long distances. In fact, medieval people routinely traveled across thousands of miles and encountered people with different cultures, religions, social structures, and beliefs. Many wrote about the experience of doing so. This upper-level seminar will introduce students to the "global middle ages" and the history of travel in the medieval period. Students will learn about how and why medieval people traveled, and they will read and analyze a variety of medieval travel narratives originally composed in Latin, Hebrew, Arabic, Norse, and Chinese.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 410 - SEM: Urban America**

## HIST 410 - SEM: Urban America

### 3 Credit Hours

Examines the impact of urbanization on American thought, culture, and society between the Civil War and the Great Depression.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 412 - SEM: The American Dream**

## HIST 412 - SEM: The American Dream

### 3 Credit Hours

The purpose of this course is to study aspects of the American Dream. Conceived in the imagination of sixteenth and seventeenth century Western Europeans who looked to America for greater individual freedom and liberty and as a land that offered more opportunities, the concept of the Dream has been part of the American fabric ever since and helped shape American civilization.

**Restrictions:** Must be enrolled in one of the following Majors: Philos, Politics & The Public

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 414 - SEM: Topics in Native Amr Hist**

## HIST 414 - SEM: Topics in Native Amr Hist

**3 Credit Hours**

This course will introduce students to the history of Native American peoples and to the particular methodological problems involved in studying peoples who have left limited documentation.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 415 - Practicum in Public History**

# HIST 415 - Practicum in Public History

**3 Credit Hours**

This course will provide students with basic preparation for work in cultural resource management, historic preservation, and museum fields.

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 428 - SEM: Latin Amer Revolutions**

# HIST 428 - SEM: Latin Amer Revolutions

**3 Credit Hours**

Examines major revolutions in Latin America from a variety of historical perspectives. Students will explore the origins and goals of revolutionary change; the outcomes of revolutionary struggle; and the important roles that gender, class, race, religion, and culture have played in revolutionary movements and post-revolutionary societies. Both primary and secondary sources will form a significant part of our shared reading and a major part of students; independent research.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 429 - SEM: Latin America & the US**

# HIST 429 - SEM: Latin America & the US

**3 Credit Hours**

This course examines the evolution of Latin American relations with the United States from the late 18th century to the present, using a wide variety of political, economic, military, and cultural sources. Although diplomacy will serve as a platform for our study, the primary emphasis of the course will be on the political and cultural responses of Latin Americans to U.S. policy and how those responses have shaped inter-American relations over almost two centuries. Readings of both primary and secondary sources will provide a framework for students' individual research on topics that they choose in consultation with the professor.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 432 - SEM: European Histry/Historian

# HIST 432 - SEM: European Histry/Historian

### 3 Credit Hours

Analysis of the methods, practices, and theoretical assumptions employed by contemporary historians of Europe.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 433 - Saints:Origins to the Internet

# HIST 433 - Saints:Origins to the Internet

### 3 Credit Hours

Histories, legends, and stories of saints - they tell the tales of ages past and cultures present. Saints are created by and for those who admire their holy way of life, miracles, or witness for the faith. Saints and sanctity are also the focus of rich and varied sources that historians can draw from to understand the past. As such, studying holy men and women tell us much about the societies that venerated them, wrote about them, and included them in official lists of holy intercessors and role models.

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 434 - SEM: History of Modern Paris

# HIST 434 - SEM: History of Modern Paris

### 3 Credit Hours

A history of the transformation of Paris due to revolutionary upheaval, city planning, mass transit, wars, and immigration. The course examines competing political and artistic visions of Paris, and the ethical and religious frameworks that influenced these visions. History majors and minors must complete a historiographic essay to receive seminar credit for this course.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 435 - SEM: The Great War

# HIST 435 - SEM: The Great War

### 3 Credit Hours

This course approaches the Great War of 1914-18 from a variety of perspectives, including trench warfare, the home front, military strategy, wartime intellectual and artistic movements, and the cult of memory. We will pay particular attention to the influence of gender, class, race, religion, and nationality on the war experience.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

### **HIST 436 - SEM Urban Ecologies and Econ**

## **HIST 436 - SEM Urban Ecologies and Econ**

**3 Credit Hours**

This course is an historical investigation of the intersections, collisions, and synergies between urban ecologies and urban economies. With an eye on the future of the city as a form of settlement and a means of production, the course focuses mainly but not exclusively on American cities, including Cincinnati.

**Course Attributes:** Environ Science/Studies Elect, Humanities Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

### **HIST 441 - SEM: Tudor England**

## **HIST 441 - SEM: Tudor England**

**3 Credit Hours**

An examination of selected topics in English history 1485 - 1603.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

### **HIST 450 - SEM: African Women**

## **HIST 450 - SEM: African Women**

**3 Credit Hours**

This course seeks to place the role of women in African societies in an historical context exploring how their roles and lives have changed (and stayed the same) under the influence of their own societies and cultures, economic development, colonial rule, Islam, and Christianity. The primary goal is to seek to understand African women from their own perspective. Thus, we begin the course by exploring the differences between Western ideas of feminism and gender and African constructions of the same.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Africana Studies Minor, Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

### **HIST 465 - SEM: Modern Russia**

## **HIST 465 - SEM: Modern Russia**

**3 Credit Hours**

Selected topics in the history of late Imperial Russia.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 466 - SEM: The Stalin Era**

## **HIST 466 - SEM: The Stalin Era**

**3 Credit Hours**

Selected topics in the era of Josef Stalin from the pre-revolution to his death.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 468 - SEM: European Social History**

## **HIST 468 - SEM: European Social History**

**3 Credit Hours**

Reading and research on 19th and 20th century European social and family issues.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 471 - SEM: Black Death**

## **HIST 471 - SEM: Black Death**

**3 Credit Hours**

The outbreak of disease and death known as the Black Death killed up to one-half of the European population in the fourteenth century and dramatically affected European society. In this seminar, we will explore the causes, general effects, and specific repercussions of this epidemic. Each student will complete the common course readings (primary and secondary sources), make class presentations on other assigned readings, and write a significant research paper.

**Restrictions:** Must be assigned one of the following Student Attributes: PPPU & Honors University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 476 - SEM: Britain and World War II**

# HIST 476 - SEM: Britain and World War II

## 3 Credit Hours

This class offers an intensive study of the historiography of the British experience during World War II. For many years, a rather rosy picture of the home front prevailed: ordinary Britons worked together harmoniously to preserve their nation against the Nazis and, in the process, demanded a more equal society after the war. Recent historians have questioned, however, whether the home front was as harmonious as once assumed. We will read scholarship that addresses significant social divisions and tensions within Britain during the war, particularly those related to class, race and gender. As with all 400 level courses in the history department, students will also produce a significant research paper by the end of the semester. The first half of the course will prepare students to select a research topic related to Britain and World War II. The second half of the course will emphasize the careful development and completion of the research paper.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 478 - Atlantic Slavery

# HIST 478 - Atlantic Slavery

## 3 Credit Hours

From the early 1500s through the 1860s, some 12 million enslaved Africans were shipped across the Atlantic Ocean. In the plantation societies of the Americas, Africans and their descendants struggled to survive under brutal conditions, negotiating new social, economic, and political realities and navigating new relationships with one another and with their European enslavers. In this seminar students will examine enslaved people's everyday lives and survival strategies by reading a wide range of primary and secondary sources and by conducting original research on topics they will choose in consultation with the professor.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 481 - The U.S.-Mexico Borderlands

# HIST 481 - The U.S.-Mexico Borderlands

## 3 Credit Hours

This course is an advanced research seminar that will examine the historical evolution of the U.S.-Mexico border region from its earliest indigenous civilizations to the present. Through both common readings and individual research, students in this course will develop the ability to evaluate and take part in the ongoing political, economic, and social debates over how best to meet the many promises and challenges of the border region. The nearly 2,000-mile border shared by the United States and Mexico has been described as a "third country," neither American nor Mexican, but also both at the same time. Since the delineation of the current borderline in 1848, this region has been the site of metaphoric and literal "crossings," intercultural exchanges, and conflicts. How did this region transform from a frontier on the fringes of European empires to a "border" marked by a line of demarcation between two sovereign nations? What meaning does this border have for the people of Mexican, Anglo-American, African-American, and Native-American descent who live in the region? And what challenges does the border region, at once a shared and a contested space, pose for both the Mexican and U.S. national cultures and the political, economic, social, and environmental boundaries of both nations? This course will tackle these and other conceptual questions throughout the semester. We will also explore the concrete ways in which our own community (Cincinnati) has become inextricably linked to the border region in recent years, and the ways that contemporary actors are working to achieve peace and justice in public policy and everyday life in the borderlands. Readings of both primary sources (including novels, memoirs, oral histories, and government documents) and secondary sources (including scholarly articles, monographs, and documentary films) provide a framework for in-class discussions and for students' individual research on topics that they choose in consultation with the professor.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 498 - Reading & Research

# HIST 498 - Reading & Research

**1 - 3 Credit Hours**

Special topics examined through independent research.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 536 - Urban Ecologies & Economics**

# HIST 536 - Urban Ecologies & Economics

**3 Credit Hours**

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**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences History*

**HIST 554 - Urban History, Geography & GIS**

# HIST 554 - Urban History, Geography & GIS

**3 Credit Hours**

GIS tools and the skills to use them are a critical part of what is expected of professionals in the various fields related to urban sustainability. This requires an understanding of when and why to display information geographically. Introducing students to geographic mapping skills, this course is designed to develop an understanding of the geography of place at many levels (site, community, city, region, watershed, national, and global). Students will learn how maps are constructed, what information is best presented in geographic form, and how to analyze information in geographic format. As students work through this course they will also gain a better understanding of the geographic relationships between uses and places and how geography and distance shape urban development, urban systems, and their sustainability. The past, present, and future of the city of Cincinnati will provide the foundation for practical applications of GIS.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences History*

**HIST 555 - The City as Vocation**

# HIST 555 - The City as Vocation

**3 Credit Hours**

This is the thesis course for the M.A. in urban sustainability and resilience. Students will work with the directors of the M.A., a Xavier faculty member of their choice, and a community partner to research and write a thesis related to their intended vocation in the field. Class discussions will focus on the concept of vocation and its application in the various fields of urban sustainability and resilience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences History*

**HIST 588 - Soviet & Post-Soviet Politics**

# HIST 588 - Soviet & Post-Soviet Politics



**3 Credit Hours**

A survey of the Soviet period emphasizing the 1917 Revolution and the Stalin era to better understand contemporary events.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences History*

**HIST 598 - Directed Readings**

# HIST 598 - Directed Readings

**3 Credit Hours**

Special topics examined through independent research.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences History*

**HONR 300 - Connections**

# HONR 300 - Connections

**3 Credit Hours**

Paired sections of HONR 300: Connections explore a topic selected by faculty from two different fields. This team-taught course trains students to ask-and answer-important questions from the perspective of multiple disciplines, helping students to master thinking, working, writing, and presenting orally across disciplinary boundaries. Paired sections meet together for at least part of the semester, according to instructor plans.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPU & Honors

**Course Attributes:** Honors

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**HRDE 650 - Intro Adult Org Learn**

# HRDE 650 - Intro Adult Org Learn

**4 Credit Hours**

Provides a general introduction to HRD, adult learning, and organization behavior and analysis. Develops self-awareness which serves as a foundation for working effectively with others in groups and organizations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

**HRDE 651 - Org Effectiveness & Change**

# HRDE 651 - Org Effectiveness & Change

**3 Credit Hours**

Presents theoretical and practical perspectives of organization development and consulting. Introduces ethical issues and basic processes of influencing and supporting

organizational change initiatives.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

**HRDE 652 - Applied Adult & Org Learn**

## **HRDE 652 - Applied Adult & Org Learn**

### **2 Credit Hours**

Focuses on applying adult learning theory and group development theory. Emphasizes reflective practice and ethical frameworks for respecting individual and organizational differences and goals.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

**HRDE 653 - Career Develop In HRD**

## **HRDE 653 - Career Develop In HRD**

### **2 Credit Hours**

Analyzes and evaluates career management as a sub-system in organizations. Provides opportunity for individual career exploration and introduces key organizational career management processes.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

**HRDE 654 - Needs Assess & Eval In HRD**

## **HRDE 654 - Needs Assess & Eval In HRD**

### **3 Credit Hours**

Presents processes for identifying current and desired workplace performance, diagnosing causes of the gap, selecting appropriate solutions, and determining the impact of HRD interventions on organizational goals.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

**HRDE 660 - Designing HRD Programs**

## **HRDE 660 - Designing HRD Programs**

### **3 Credit Hours**

Applies adult learning design principles and processes to blended HRD programs. Involves creating learning objectives, and selecting content and activities that meet individual and organizational needs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **HRDE 670 - Technology In HRD**

# **HRDE 670 - Technology In HRD**

### **2 Credit Hours**

Explores blended and e-learning principles and the role of technology in designing, delivering, and managing HRD programs in organizations. Provides opportunities for designing and creating e-learning activities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **HRDE 671 - Applied HRD Research Pt 1**

# **HRDE 671 - Applied HRD Research Pt 1**

### **1 Credit Hours**

Emphasizes fundamental research concepts to create confident consumers of HRD research. Includes critiquing, interpreting, and applying research findings to help improve organizational effectiveness.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **HRDE 672 - Facilitating Learning In HRD**

# **HRDE 672 - Facilitating Learning In HRD**

### **3 Credit Hours**

Develops skills in creating collaborative learning environments, presenting information, directing structured learning experiences, and managing group discussions and processes so that the intended purpose is achieved.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **HRDE 673 - Applied HRD Research Pt 2**

# **HRDE 673 - Applied HRD Research Pt 2**

### **2 Credit Hours**

Presents a practical approach to plan, evaluate, and use HRD research for improved individual and organizational performance.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **HRDE 674 - Trends & Issues In HRD**

# HRDE 674 - Trends & Issues In HRD

## 2 Credit Hours

Explores current workplace trends and issues and the implications for organizations and HRD professionals.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## HRDE 675 - Strategic Lead & Ethics In HRD

# HRDE 675 - Strategic Lead & Ethics In HRD

## 3 Credit Hours

Examines the role of strategic and ethical leadership to promote human resource development in support of organizational goals. Explores HRD management processes and integration with other organizational systems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Human Resource Development

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## INNV 101 - Create: Innovation Eng I

# INNV 101 - Create: Innovation Eng I

## 3 Credit Hours

This foundational course presents a systematic approach to the generation of creative ideas. As the first of a series of four courses in Innovation Engineering offered in partnership with the Innovation Engineering Institute, Create introduces students to skills and processes that will increase their ability to innovate in any field. This course is designed for students in any major and may be taken independently of the other courses in the sequence.

**Levels:** Undergraduate

*College of Arts and Sciences Interdisciplinary Studies*

## ITAL 101 - Elementary Italian I

# ITAL 101 - Elementary Italian I

## 3 Credit Hours

An introduction to basic language skills through emphasizing the acquisition of high frequency vocabulary and development of cultural awareness.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## ITAL 102 - Elementary Italian II

# ITAL 102 - Elementary Italian II

## 3 Credit Hours

A continuation of ITAL 101.

**Prerequisites:** Undergraduate level ITAL101 Minimum grade of D or Placement - Italian 102

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **ITAL 201 - Intermediate Italian I**

# **ITAL 201 - Intermediate Italian I**

### **3 Credit Hours**

A continuation of ITAL 102 with a particular emphasis on the development of more creative use of the language.

**Prerequisites:** Undergraduate level ITAL102 Minimum grade of D or Placement - Italian 201

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **ITAL 202 - Intermediate Italian II**

# **ITAL 202 - Intermediate Italian II**

### **3 Credit Hours**

A communicative-oriented course emphasizing reading and writing skills through a study of authentic materials dealing with Italian culture.

**Prerequisites:** Undergraduate level ITAL201 Minimum grade of D or Placement - Italian 202

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **ITAL 258 - Language & Culture in Italy**

# **ITAL 258 - Language & Culture in Italy**

### **3 Credit Hours**

This communicative course will provide students participating in the Xavier summer program in Rome with an opportunity to use their language skills in context as well as learn and use other high-frequency structures and vocabulary. Through conversational practice, vocabulary building, and task completion, students will build on their language and skills and cultural knowledge of Italy while being able to communicate more comfortably in everyday situations. The class will also have the opportunity to discuss culturally relevant themes while reinforcing new grammar and vocabulary through the reading of short stories, articles, and essays. This course does not count towards language credits in the undergraduate core curriculum.

**Prerequisites:** ITAL102

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **ITAL 300 - Advanced Italian I**

# **ITAL 300 - Advanced Italian I**

### **3 Credit Hours**

This course is designed for students who have completed intermediate-level studies of Italian. It will increase vocabulary and communicative ability and fluency through the use of grammar review and usage, in-class conversational activities and presentations, the reading of authentic texts, and writing on a variety of topics. Grammar will be reviewed and practiced in context, focusing on seven communicative functions of language: describing, comparing, recommending and expressing opinions, talking about the past, expressing likes and dislikes, making hypotheses, and talking about the future.

**Prerequisites:** Undergraduate level ITAL202 Minimum grade of D

**Levels:** Graduate Undergraduate

**ITAL 301 - Advanced Italian II**

# ITAL 301 - Advanced Italian II

**3 Credit Hours**

This upper-level course emphasizes a strengthening of the skills of listening, speaking, reading, and writing in Italian through conversational activities, vocabulary building, and reading of authentic texts. The course will focus on improving conversation skills and will include a review of advanced grammar structures.

**Prerequisites:** Undergraduate level ITAL300 Minimum grade of D

**Levels:** Graduate Undergraduate

**JAPN 101 - Elementary Japanese I**

# JAPN 101 - Elementary Japanese I

**3 Credit Hours**

An introduction to basic language skills such as reading and writing hiragana, katakana, and about 30 kanjii. Emphasizes the acquisition of high-frequency vocabulary and practical conversation.

**Course Attributes:** Asian Studies Minor

**Levels:** Undergraduate

**JAPN 102 - Elementary Japanese II**

# JAPN 102 - Elementary Japanese II

**3 Credit Hours**

The second semester elementary course which is a continuation of JAPN 101. Emphasizes listening and situational conversation.

**Prerequisites:** Undergraduate level JAPN101 Minimum grade of D

**Levels:** Undergraduate

**JAPN 201 - Intermediate Japanese I**

# JAPN 201 - Intermediate Japanese I

**3 Credit Hours**

The first semester intermediate course which is a continuation of JAPN 102 with a particular emphasis on the development of more creative use of the language

**Prerequisites:** Undergraduate level JAPN102 Minimum grade of D

**Course Attributes:** Asian Studies Minor

**Levels:** Graduate Undergraduate

**JAPN 202 - Intermediate Japanese II**

# JAPN 202 - Intermediate Japanese II

## 3 Credit Hours

A communicative-oriented course integrating the skills of reading, writing, listening, and speaking situational, functional Japanese through the study of authentic materials. The course includes a comprehensive grammar review.

**Prerequisites:** Undergraduate level JAPN201 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## JAPN 300 - Advanced Japanese I

# JAPN 300 - Advanced Japanese I

## 3 Credit Hours

An upper-division course that is a continuation of JAPN 202 in that it builds on the basic language skills of listening, speaking, reading, writing and cultural understanding along with an intensive study of grammar.

**Prerequisites:** Undergraduate level JAPN202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## JAPN 301 - Advanced Japanese II

# JAPN 301 - Advanced Japanese II

## 3 Credit Hours

An upper-division course which emphasizes listening, speaking, reading, writing and culture with development of advanced structures. Requires permission of instructor.

**Prerequisites:** Undergraduate level JAPN202 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 101 - Elementary Latin I

# LATN 101 - Elementary Latin I

## 3 Credit Hours

The ancient Latin language. Syntax, vocabulary, and morphology. The skills necessary to read Latin.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 102 - Elementary Latin II

# LATN 102 - Elementary Latin II

## 3 Credit Hours

A continuation of LATN 101 with readings from simpler Latin texts.

**Prerequisites:** Undergraduate level LATN101 Minimum grade of D or Placement - Latin 102

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 111 - Intensive Elementary Latin I**

# LATN 111 - Intensive Elementary Latin I

**3 Credit Hours**

An accelerated introduction and review of the ancient Latin language syntax, vocabulary, and morphology. The skills necessary to read Latin.

**Prerequisites:** Placement - Latin 102

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 112 - Intensive Elementary Latin II**

# LATN 112 - Intensive Elementary Latin II

**3 Credit Hours**

For students who have had six hours of college level Latin , or its equivalent. Selected, short readings from Vergil with an emphasis on intensive grammar review.

**Prerequisites:** Undergraduate level LATN111 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 201 - Intermediate Latin I: Prose**

# LATN 201 - Intermediate Latin I: Prose

**3 Credit Hours**

For students who have had six hours of college level Latin, or its equivalent. Short readings from various Latin prose authors and genres.

**Prerequisites:** Undergraduate level LATN102 Minimum grade of D or Placement - Latin 102

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 202 - Intermediate Latin II: Poetry**

# LATN 202 - Intermediate Latin II: Poetry

**3 Credit Hours**

For students who have had six hours of college level Latin or its equivalent. Selected short readings from Vergil with an emphasis on intensive grammar review.

**Prerequisites:** Undergraduate level LATN201 Minimum grade of D or Placement - Latin 202

**Course Attributes:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 211 - Cicero: Orations**



# LATN 211 - Cicero: Orations

## 3 Credit Hours

A critical reading of selections from the orations.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 212 - Vergil: Aeneid

# LATN 212 - Vergil: Aeneid

## 3 Credit Hours

A comprehensive, critical, and in depth reading of the Aeneid.

**Course Attributes:** Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 231 - Horace: Odes and Epodes

# LATN 231 - Horace: Odes and Epodes

## 3 Credit Hours

Reading and study of the majority of the shorter poems.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 232 - Catullus

# LATN 232 - Catullus

## 3 Credit Hours

Examination and explication of his poems.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 241 - Latin Prose Composition

# LATN 241 - Latin Prose Composition

**3 Credit Hours**

Intensive grammar instruction through composition into Latin from English.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 253 - Livy**

# LATN 253 - Livy

**3 Credit Hours**

A critical reading of selections from the Histories, the main source for the history of the Roman Republic.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 263 - Caesar**

# LATN 263 - Caesar

**3 Credit Hours**

Readings from the de Bello gallico and de Bello civili.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 273 - Cicero: Letters**

# LATN 273 - Cicero: Letters

**3 Credit Hours**

An examination of the society and history revealed through Cicero's private correspondence.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 283 - Cicero: Essays**

# LATN 283 - Cicero: Essays

**3 Credit Hours**

A critical reading of the importance of Cicero's contribution to the history of philosophy through his essays.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **LATN 293 - Horace Satires and Epistles**

# **LATN 293 - Horace Satires and Epistles**

### **3 Credit Hours**

Reading and study of Horace's longer poems, which wittily upbraid contemporary Roman society.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **LATN 307 - Martial's Epigrams**

# **LATN 307 - Martial's Epigrams**

### **3 Credit Hours**

This course focuses on Martial's epigrams and the main purpose is to gain experience and proficiency in translating his Latin while becoming familiar with his meters and themes.

**Course Attributes:** Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **LATN 311 - History of Ancient Rome**

# **LATN 311 - History of Ancient Rome**

### **3 Credit Hours**

An intensive introduction to the history of Rome from the early Republican period to the rise of Christianity, relying upon a reading of primary sources.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **LATN 321 - Roman Comedy**

# **LATN 321 - Roman Comedy**

### **3 Credit Hours**

Selections from Plautus and Terence with a view to their influence on Renaissance and modern comedy.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 331 - Lucretius

# LATN 331 - Lucretius

### 3 Credit Hours

Detailed reading of selections from Lucretius' philosophical epic poem.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 341 - Tacitus

# LATN 341 - Tacitus

### 3 Credit Hours

A critical reading of selections from the Annales, the main source for the history of the early Roman Empire.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 351 - Roman Satire

# LATN 351 - Roman Satire

### 3 Credit Hours

Translation and comparison of selections from the satirical works of Varro, Horace, Seneca, Persius, and Juvenal.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Course Attributes:** Humanities Elective, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 361 - History of Latin Literature

# LATN 361 - History of Latin Literature

### 3 Credit Hours

A final Latin course meant to be a summation and synthesis of the achievement of Latin literature.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## LATN 371 - Medieval Latin

# LATN 371 - Medieval Latin

**3 Credit Hours**

Students will closely read and translate Latin texts from the close of antiquity to around 1400. A review of the basics of Latin grammar empirically, analyzing the language and style of each text and attending to variations in usage and vocabulary in "medieval" Latin.

**Restrictions:** Must be enrolled in one of the following Degrees: Honors Bachelor of Arts

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 380 - Romans and Moderns**

# LATN 380 - Romans and Moderns

**3 Credit Hours**

In addition to reading Latin texts in the original language, Latin 380 is designed to have an academic service learning component and/or a topic that engages a modern question to which ancient thought can be applied. The focus of the course will vary from semester to semester, but examples could include: war and peace, class, aesthetics, modern Italy, classics and the civil rights movement, feminism and classical literature, immigration, criminal justice, race, and education. This will make explicit the enduring connection between antiquity and the present.

**Prerequisites:** LATN211

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 397 - Special Study: Prose**

# LATN 397 - Special Study: Prose

**3 Credit Hours**

Credit and content by arrangement.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 398 - Special Study: Poetry**

# LATN 398 - Special Study: Poetry

**3 Credit Hours**

Credit and content by arrangement.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & Honors

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LATN 399 - Hab Capstone Thesis**

# LATN 399 - Hab Capstone Thesis

**1 - 3 Credit Hours**

Credit and content by arrangement.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**LEAD 854 - Theory & Pract of High Ed Gov**

## **LEAD 854 - Theory & Pract of High Ed Gov**

**3 Credit Hours**

This course will focus on the theory and practice higher education as it interconnects with the development of Higher Education Professionals. The course will follow the development of Higher Education from a historical perspective through current issues in governance and administration. This course will combine in person and online elements and focus on connecting the presentations and course materials to interactive case based problems.

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

**LEAD 855 - College Student Experience**

## **LEAD 855 - College Student Experience**

**3 Credit Hours**

Using a theoretical foundation, students will gain an understanding of the developmental dynamics relating to be expected to practice the methodologies to demonstrate their understanding of the variety inherent to Higher Education.

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

**LEAD 856 - Finance, Econ & Pol in High Ed**

## **LEAD 856 - Finance, Econ & Pol in High Ed**

**3 Credit Hours**

This course will examine the complex financial processes involved in Higher Education, including the impact of political, economic, and societal forces upon budgetary decisions in public and private settings. Through and overview of financial administration in higher education, with special focus upon theoretical basis upon which these decision are often based, students with analyze the inherent strengths and weaknesses throughout the systems.

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

**LEAD 860 - Org Metaphors & Contexts**

## **LEAD 860 - Org Metaphors & Contexts**

**3 Credit Hours**

This course provides an interdisciplinary social sciences perspective on the nature of organizing in modern society and the variety of organizational forms that provide contexts in which leadership matters. Students will consider the structural forms and underlying purposes served by organizations in multiple sectors of society, including corporate, non-profit, health care and educational domains. Differences and similarities among types of organizations will be considered through a variety of metaphorical lens that facilitate our understanding and interpreting the systemic, organismic, cultural and political dynamics that govern the societal contributions and ends serves by different types of organizations. Consideration will be given to both the functional and dysfunctional dynamics that shape and sometimes limit the range of proactive human behavior fostered by alternative forms of organizing. Strategies for improving the health and performance of 21<sup>st</sup> century organizations experiencing challenges in the face of trends in population, economy, health care, and environmental stewardship.

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 861 - Org Communication Proccses**

# **LEAD 861 - Org Communication Proccses**

### **3 Credit Hours**

This cognate course provides an overview of challenges and best practices respecting a range of issues pertaining to organizational communication. Normative processes governing the use and abuse of information and power are explored within the structural and normative contexts of different types of organizations. The dynamics of social relations, networking and team work provide a backdrop for understanding specific problems of organizational communication relating to identity, participation, conflict and its resolution. Special problems relating to global and cross-cultural communication are covered as well as the unique challenges of communicating organizational ethics and values. Assigned coursework lays the groundwork for conducting effective analyses of communication processes in a variety of organizational and community contexts.

**Prerequisites:** LEAD860 and LEAD870

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 862 - Theory & App Adult Dev & Learn**

# **LEAD 862 - Theory & App Adult Dev & Learn**

### **3 Credit Hours**

This doctoral course introduces and explores significant theories and factors affecting adult development and learning that affect leadership and organizational effectiveness. The course provides a broad survey of social science theories on adult development and learning including: a) the reciprocal relationship between development and learning in adulthood; b) the underlying role of self in adult development and learning; c) higher-order manifestations of adult development and learning; d) contextual moderators or adult development and learning; e) assessment and applications. Students are afforded opportunities to integrate dimensions of adult development and learning with the application of theories of leadership within the context of a targeted organizational context. Assigned coursework lays the groundwork for engaging in successful leadership practice in a variety of organizational and community contexts.

**Prerequisites:** LEAD870 and LEAD880

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Education Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 863 - Global Persp Nat Culture-Lead**

# **LEAD 863 - Global Persp Nat Culture-Lead**

### **3 Credit Hours**

The continuing trend towards globalization has resulted in a growing need for leaders who can work effectively in multinational contexts. This has prompted increased need for awareness among leaders about distinctions among national cultures and the conceptual dimensions that define these differences. This course will define these conceptual dimensions and explore how they manifest in a variety of non-Western countries. Students will also identify ways in which leaders can prepare themselves and others in their organizations to work effectively across these cultural differences with sensitivity and respect.

**Prerequisites:** LEAD880 and LEAD881

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## LEAD 864 - Internat Bus Ethics - Ldrshp

# LEAD 864 - Internat Bus Ethics - Ldrshp

### 3 Credit Hours

This course provides doctoral students an international learning experience highlighting similarities and distinctions among countries in addressing issues relating to corporate ethics and leadership. The course includes discussions and presentations pertaining to ethics and leadership related material, including: privacy, compliance, governance, fraud, corruption and corporate social responsibility. Students demonstrate their capacity to integrate experiential learning with theoretical knowledge and ethical perspectives covered in the Leadership Core of the doctoral program. The course is a cooperative between the Cintas Institute for Business Ethics and the Leadership Studies Doctoral Program and includes a required international trip to the UK and France, typically scheduled during Spring Break. The first portion of the course coincides with a Master's level course taught in the Williams College of Business by a business professor; the final assessment is facilitated by a professor in Leadership Studies doctoral program.

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## LEAD 866 - Leadership Internship I

# LEAD 866 - Leadership Internship I

### 3 Credit Hours

As the first of two internship courses in the Leadership Studies doctoral program, this course is designed to guide students through the process of negotiating the terms of their internship experience with a sponsor organization that conforms to established programmatic criteria and aligns with the student's career objectives. Once the internship has been established, the course provides a structure and context for reporting and monitoring the first half of the student's internship experience. Students are responsible for selecting a sponsor organization in conjunction with the course instructor, contacting and meeting with representatives of the sponsor organization to negotiate terms of their placement, in accordance with published program requirements, including the identification of a set of project-based responsibilities, leading to specified deliverables. Leadership objectives, responsibilities and outcomes, as well as hours to be committed by the intern, must all be approved by both the instructor and the program director before any internship activities commence. Progress and outcomes will be recorded and monitored throughout by means of an internship portfolio.

**Prerequisites:** LEAD862 and LEAD870 and LEAD880 and LEAD881 and LEAD882 and LEAD883 and LEAD884

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## LEAD 867 - Leadership Internship II

# LEAD 867 - Leadership Internship II

### 3 Credit Hours

As the second of two internship courses in the Leadership Studies doctoral program, this course is designed to continue monitoring students engaged in a negotiated internship experience with a sponsor organization that conforms to established programmatic criteria and aligns with the student's career objectives. The course provides a structure and context for reporting and monitoring the progress and outcomes of the second half of the student's internship experience. Students are responsible for completing their negotiated project-based responsibilities and producing the specified deliverables to their sponsor organization by established deadlines. Leadership objectives, responsibilities and outcomes, as well as hours to be committed by the intern, must all be fulfilled by completion of the course. Progress and outcomes will be recorded and monitored throughout by means of an internship portfolio. At the conclusion of the course, fulfillment of the terms of the internship will be documented and evaluated on the basis of a final report and presentation of learning outcomes, illustrating leadership concepts applied during the completion of project-based responsibilities.

**Prerequisites:** LEAD862 and LEAD870 and LEAD880 and LEAD881 and LEAD882 and LEAD883 and LEAD884 and LEAD886

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## LEAD 869 - Capstone Cognate Lead Seminar

# LEAD 869 - Capstone Cognate Lead Seminar

### 3 Credit Hours

Drawing upon the various strands of theory, research and professional expertise introduced in the Leadership Core, as well as the practical knowledge emphasized in the



Specialized Application Cognate, this capstone course affords students the opportunity to integrate multiple aspects of theory and practice. Opportunities are provided to apply this integrated knowledge to concrete, enduring and emerging challenges affecting leaders in specific type of organization. Issues related to serving distinct sectors of the community, adapting leadership expertise to targeted organizational contexts, addressing ethical dilemmas unique to each cognate domain, and identifying strategies for sustaining continued professional development and are some of the areas that will be featured. elating to service the adapting leadership expertise to specialized organizational contexts, professional advancement, The focus will be on building practical knowledge, developing self-insight and constructing individualized schemas pertaining to the practice of leadership in specialized organizations. Emphasis will be placed on trends and best practices as well as self-development and efficacy.

**Prerequisites:** LEAD880 and LEAD882 and LEAD883

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 870 - Fund of Doct Research Design**

# **LEAD 870 - Fund of Doct Research Design**

### **3 Credit Hours**

Providing an introduction to the fundamentals of social and behavioral research, this course provides a conceptual framework for doctoral students in Organizational Learning and Leadership to understand the conceptual foundations underlying effective research design. Students will begin to understand how research methods are predicated upon the theoretical frameworks and research questions or hypotheses derived from a comprehensive review pertinent literature in relevant disciplines. Students will learn how to evaluate existing research using a variety of theoretical and methodological perspectives. As a result of developing a greater understanding of research methods, students will demonstrate the ability to critique the efficacy of research methods used in a various types of published research.

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 871 - Doctoral Statistics I**

# **LEAD 871 - Doctoral Statistics I**

### **3 Credit Hours**

This course is intended for doctoral students who require a working knowledge of statistical methods used in behavioral and social science research. The course covers (1) measurement scales, (2) frequency tables and graphs, (3) measures of central tendency and variability, (4) transformed scores, (5) normal distributions, (6) sampling distributions, (7) hypothesis testing, (8) z test, t test, and ANOVA-F test, (9) chi square and other nonparametric statistics, (10) correlation and regression. Emphasis is on the conceptual understanding of statistics within the context of research and the interpretation of statistical results. Calculators are required.

**Prerequisites:** LEAD870

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 872 - Qual & Quant Res Meth in Lead**

# **LEAD 872 - Qual & Quant Res Meth in Lead**

### **3 Credit Hours**

Providing a detailed examination of social science research methods applied to the study of organizational learning and leadership, this course focuses on the conceptual dimensions and pragmatic issues involved in designing and justifying defensible research proposals. Introducing a broad range of quantitative and qualitative research methodologies the course emphasizes decision points and selection criteria to be considered in making effective choices regarding dimensions of investigator control, types of empirical design, means of data collection, population selection, and modes of information extraction during analysis and interpretation of results. Course work is designed to enhance students' mastery of and appreciation for the full range of social and behavioral research paradigms. A combination of active learning and peer facilitation helps prepare students to assume responsibility for becoming independent researchers capable of selecting, defending and implementing solid dissertation proposals.

**Prerequisites:** LEAD870

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 873 - Doctoral Statistics II**

# **LEAD 873 - Doctoral Statistics II**

### **3 Credit Hours**

This course is intended for doctoral students who require a working knowledge of advanced statistical methods used in behavioral and social science research. The course covers (1) multivariate analysis of variance, (2) multiple regression, (3) exploratory and confirmatory factor analysis, (4) structural equation modeling, (5) path analysis, (6) cluster analysis, and (7) metaanalysis. Strategies for computing power and estimating sample sizes will be covered. Emphasis is on the mastering the operation intricacies of data transformation, computation and interpretation of results. required conceptual understanding of statistics within the context of research and the interpretation of statistical results. Calculators are required.

**Prerequisites:** LEAD870 and LEAD871

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 874 - Develop Eff Res Prop in Lead**

# **LEAD 874 - Develop Eff Res Prop in Lead**

### **3 Credit Hours**

This course covers the social, technical, institutional and ethical dimensions of developing and defending doctoral-level research proposals. Guidance is provided for selecting and working with a committee chair, stating researchable problems and hypotheses, organizing and presenting scholarly arguments, developing a theoretical framework, selecting instrumentation, sampling and gaining access to populations, anticipating and addressing ethical concerns, and obtaining IRB approval. Understanding the structural elements of proposal writing will be emphasized, as well as considerations pertaining to the organization and presentation of ideas, issues relating to motivation and writing, organizing literature reviews, and developing a theoretical framework. The importance of articulating explicit plans for conducting data analysis, protecting human subjects, preserving data integrity, and preparing for an oral defense of design decisions will be stressed. In addition, students will create a plan for dealing effectively with the personal challenges of completing the dissertation phase of their program, including issues of time management, balancing competing priorities, overcoming writing blocks, developing discipline, and maintaining commitment to a goal. Doctoral candidates often face competing demands, negative environmental cues, social or institutional detractors, and internalized messages that foster a fear of success, the threat of failure, and the unknown consequences of achieving a life intension. This course provides practical strategies for navigating these common impediments to translating academic aspirations into reality.

**Prerequisites:** LEAD870 and LEAD872

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 880 - Comparative Leadership Theory**

# **LEAD 880 - Comparative Leadership Theory**

### **3 Credit Hours**

This doctoral seminar provides a context for the scholarly and practical analysis, critique and synthesis of foundational theories of leadership, including classical, neo-classical, contemporary and emergent perspectives. Guided by an understanding of the principles of theory construction, the fundamental tenets of each theory are considered in relation to stated propositions, accrued evidence, organizational utility and unanswered questions. Throughout the course, comparative analysis and critique of leadership theory is fostered with respect to the perennial questions informing research, scholarship and practice in the field of leadership studies. The outcomes of the course are focused on promoting an understanding of the multifaceted nature of leadership; the limitations of adopting a single theoretical perspective, an appreciation for the roles and functions framing leadership: individuals, groups, processes, contexts & relationships; the synergistic framework shaping leadership emergence & practice; the fallacy of leader-centric perspectives, and the importance of developing theoretical fluidity as scholars and practitioners.

**Prerequisites:** LEAD870

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 881 - Leading Org Culture & Change**

# **LEAD 881 - Leading Org Culture & Change**

### **3 Credit Hours**

This course focuses on the role of leaders in understanding and managing the reciprocal processes of organizational culture and change. Normative and ethnographic approaches to analyzing organizational culture are introduced as core competencies for affecting change. Classical content and process theories of change are explored with respect to individual, social and anthropological implications. Cultural dynamics and processes of acculturation in organizations are examined in the context of evolutionary, teleological, life cycle, political and social cognitive perspectives on leading change. A model of organizational change in cultural context is introduced, along with research tools and strategies for assessing the extent to which leaders influence cultural dynamics and change processes in organizations.

**Prerequisites:** LEAD870 and LEAD880

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 882 - Psychosocial Dimen of Ldrshp**

# **LEAD 882 - Psychosocial Dimen of Ldrshp**

### **3 Credit Hours**

This doctoral course introduces and explores significant psychological and social constructs that mediate or moderate leadership behavior and effectiveness. Theories of motivation, personality, identity, self-concept, cognition, emotion, psychosocial development, and the dimensions of values, character and spirituality are explored, as they relate to the complex mechanisms that underlie leader and follower behavior. Interdisciplinary research illustrating the pervasive role and function of psychosocial dimensions in the construction and understanding of leadership dynamics in organizations and communities provides a context for developing more nuanced approaches to advancing leadership theory and practice.

**Prerequisites:** LEAD870 and LEAD880

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## **LEAD 883 - Eth, Spirit & Char Dimen of Ld**

# **LEAD 883 - Eth, Spirit & Char Dimen of Ld**

### **3 Credit Hours**

This integrative leadership seminar explores ethical, spiritual and character-based theories of leadership. Traditional justifications underlying leader's deviation from ethical norms of behavior are interpreted through multiple philosophical lenses rooted in the moral psychology of leadership. Individual character strengths and virtues are explicated, as well as character flaws and the processes of self-deception that lead to leadership failure and leader derailment. Practical strategies for assessing and developing character strengths and overcoming character flaws rooted in unconscious dynamics of self-deception provide a framework for overcoming habitual patterns of destructive leader behavior and building leadership capacity in individuals, organizations and communities. Theoretical perspectives on spiritual leadership are examined through the lens of multiple religious traditions, stewardship, self-sacrifice and social responsibility. Jesuit values and spiritual exercises are explored with respect to their alignment (or misalignment) with various leadership theories. Consideration is given to the extent to which leadership practice itself represents a set of disciplines that promote higher forms of consciousness and stewardship in organizations and societies.

**Prerequisites:** LEAD870 and LEAD880

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## LEAD 884 - Dev Lead Capac in Ind Org Comm

# LEAD 884 - Dev Lead Capac in Ind Org Comm

### 3 Credit Hours

This capstone course in the doctoral Leadership Core integrates knowledge of leadership theory and practice through a systematic exploration of techniques for assessing and developing leadership capacity in individuals, groups, organizations and communities. Students will master state-of-the-art strategies for developing integrated leadership development programs targeting identified populations based on diagnostic assessment and interpretation of existing leadership capacities. Theories of adult development and comparative models of leadership development provide a foundation for introducing an array of effective strategies proven to enhance leadership potential. Research on the efficacy of alternative intervention strategies guides the selection and application of leadership theories for purposes of assessment, interpretation and construction of targeted developmental plans.

**Prerequisites:** LEAD870 and LEAD880 and LEAD882 and LEAD883

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## LEAD 885 - Independent Study

# LEAD 885 - Independent Study

### 1 - 3 Credit Hours

This 1-3 credit independent study will be focused on topics and specialized study related to the field of leadership.

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## LEAD 890 - Dissertation Advisement

# LEAD 890 - Dissertation Advisement

### 1 - 15 Credit Hours

This 1-15 credit hour course is the culminating scholarly activity required for completion of the doctoral degree in Leadership Studies. Work on the dissertation commences with the selection of a faculty advisor to supervise the development and completion of an approved doctoral research project. All dissertation advisement credits are completed under the supervision of this faculty advisor who serves as co-investigator on the dissertation. Dissertation advisement includes guidance in the development of a viable research question, a comprehensive review of relevant literature, an effective plan of inquiry and data analysis, thorough articulation of findings and appropriate presentation and interpretation of results. Preparation and oral defense before a dissertation committee chaired by the faculty advisor are required for both the dissertation proposal and the final dissertation. Committee approval is required before the proposed research can be conducted. A successful defense of the final dissertation is required for graduation. Fifteen total hours of dissertation advisement are required but may be spaced out over multiple semesters. Continuous enrollment in Dissertation Advisement is required until graduation to maintain degree eligibility, until the nine-year statute of limitation expires.

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Professional Sci Leadership Studies & HRD*

## MACC 504 - Acct Info Systems & Controls

# MACC 504 - Acct Info Systems & Controls

### 3 Credit Hours

A business process approach is used to illustrate how information flows through an organization and its effect on information system integration risk and internal control. Students learn how to document, evaluate and analyze accounting systems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 507 - Financial Acct & Reporting**

## **MACC 507 - Financial Acct & Reporting**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 508 - Financial Acct & Reporting II**

## **MACC 508 - Financial Acct & Reporting II**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 509 - Financial Acct & Reporting III**

## **MACC 509 - Financial Acct & Reporting III**

**3 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 511 - Introduction to Taxation**

## **MACC 511 - Introduction to Taxation**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 514 - Corporate Taxation**

# MACC 514 - Corporate Taxation

## 3 Credit Hours

This course introduces students to income tax planning and compliance under U.S. tax law, and financial reporting under U.S. GAAP, for business entities taxed as C-corporations.

**Prerequisites:** Graduate level MACC511 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 521 - Nonprofit & Govt Acct

# MACC 521 - Nonprofit & Govt Acct

## 3 Credit Hours

This course is designed to introduce students to Governmental Accounting Standards and reporting for governmental entities at the municipal, state and federal level as well as other non-governmental not-for-profit organizations.

**Prerequisites:** Graduate level MACC508 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Course Attributes:** Service Learning

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 525 - Cost Accounting

# MACC 525 - Cost Accounting

## 3 Credit Hours

The study of the integrated audit process from the perspectives of standards, audit planning, internal controls, ethics and the application of sound judgement in the decision making process.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 529 - Adv Fin Actg & Reporting

# MACC 529 - Adv Fin Actg & Reporting

## 3 Credit Hours

Study of financial accounting theory and principles applicable to the accumulation, analysis, measurement, reporting and interpretation of selected economic events

**Prerequisites:** Graduate level MACC508 Minimum grade of B-

**Restrictions:** Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

### **MACC 531 - Advanced Financial Accounting**

# **MACC 531 - Advanced Financial Accounting**

**3 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

### **MACC 590 - Auditing Concepts & Practices**

# **MACC 590 - Auditing Concepts & Practices**

**3 Credit Hours**

The study of the integrated audit process from the perspectives of standards, audit planning, internal controls, ethics and the application of sound judgement in the decision making process.

**Prerequisites:** Undergraduate level ACCT308 Minimum grade of C and (Undergraduate level ACCT304 Minimum grade of C or Graduate level MACC504 Minimum grade of C)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Accountancy*

### **MACC 595 - Analysis of Accounting Systems**

# **MACC 595 - Analysis of Accounting Systems**

**3 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

### **MACC 603 - Accounting Internship**

# **MACC 603 - Accounting Internship**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 612 - Income Tax Review & Advising**

## **MACC 612 - Income Tax Review & Advising**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 616 - Tax of Flow Through Entities**

## **MACC 616 - Tax of Flow Through Entities**

**3 Credit Hours**

0

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 620 - Law & Prof Ethics**

## **MACC 620 - Law & Prof Ethics**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 622 - Fraud Examination**

## **MACC 622 - Fraud Examination**

**3 Credit Hours**

This course is designed to enhance a student's understanding of the emerging field of fraud examination and forensic accounting. The course is intended for those interested in new and emerging areas of accounting.

**Prerequisites:** (Undergraduate level ACCT304 Minimum grade of C or Undergraduate level MACC504 Minimum grade of C) and (Undergraduate level ACCT490 Minimum grade of C or Undergraduate level MACC590 Minimum grade of C)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

**MACC 625 - Cur Topics In Acct Practice**



# MACC 625 - Cur Topics In Acct Practice

## 3 Credit Hours

Study of recent developments in the field of accounting, with emphases on accounting research and communication.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 631 - Advanced Financial Acct

# MACC 631 - Advanced Financial Acct

## 3 Credit Hours

This course covers more advanced topics in Financial Accounting including consolidation accounting, foreign currency transactions, translation of foreign currency denominated financial statements and segment accounting.

**Prerequisites:** Undergraduate level ACCT309 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 632 - Adv Managerial Acct

# MACC 632 - Adv Managerial Acct

## 3 Credit Hours

**Prerequisites:** ( ACCT321 or ACCT550) and FINC550 and STAT500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 641 - Capstone Seminar I

# MACC 641 - Capstone Seminar I

## 3 Credit Hours

This course prepares students to sit for the FAR section of the Certified Public Accountant examination. The course includes coverage of financial accounting and reporting principles and applications, CPA exam format, and the techniques necessary to pass the FAR section of the exam.

**Restrictions:** Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 642 - Capstone Seminar II

# MACC 642 - Capstone Seminar II

## 3 Credit Hours

This course prepares students to sit for the REG and AUD sections of the Certified Public Accountant examination. The course includes coverage of auditing and taxation principles and applications, CPA exam format, and the techniques necessary to pass the REG and AUD sections of the exam.

**Restrictions:** Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 690 - Corporate Governance

# MACC 690 - Corporate Governance

## 3 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 695 - Indiv Readings & Research

# MACC 695 - Indiv Readings & Research

## 3 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACC 697 - Special Topics in Acct II

# MACC 697 - Special Topics in Acct II

## 3 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Accountancy

**Levels:** Graduate

*Williams College of Business Accountancy*

## MACS 101 - Intro To Actuarial Science

# MACS 101 - Intro To Actuarial Science

**3 Credit Hours**

This course is an introduction to Actuarial Science. The course consists of presentations introducing various topics dealt with by actuaries, weekly lab activities to provide in-depth work with these ideas, and presentations from actuaries regarding their work. Specific topics include mortality tables, interest theory, probability, principles of insurance and reserves.

**Prerequisites:** MATH150 or Placement - Math 150

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

**MACS 201 - Actuarial Mathematics**

# MACS 201 - Actuarial Mathematics

**3 Credit Hours**

This course is an introduction to Actuarial Mathematics. Topics include survival distributions and life tables, force of mortality, laws of mortality, life insurance, life annuities, benefit premiums, and benefit reserves.

**Prerequisites:** MATH256 and MATH311

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

**MAKE 101 - Introduction to Making**

# MAKE 101 - Introduction to Making

**3 Credit Hours**

This course is an introduction to physical and digital creation. The course includes an introduction to human-centered design, programming, agile/scrum development, and digital fabrication. Students complete multiple projects including a community-engaged project involving design and creation of a digital or physical artifact.

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**MAKE 102 - Making the User Experience**

# MAKE 102 - Making the User Experience

**3 Credit Hours**

This course introduces processes to improve creation of artifacts for better user satisfaction. Topics include an introduction to UX, interface building, testing, verification, requirement gathering and analysis, and fault gathering analysis and debugging.

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**MAKE 201 - Objects of Digital Fabrication**

# MAKE 201 - Objects of Digital Fabrication

**3 Credit Hours**

Students learn the details behind the machines of digital fabrication. Topics include gcode, the structure and mechanics of 3D printers, laser etchers, and CNC mills, and microprocessors. Students assemble fabrication devices and learn to program microcontrollers to negotiate digital interactions with the physical world.

**Prerequisites:** MAKE101

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**MAKE 202 - Modeling Digital Objects**

## **MAKE 202 - Modeling Digital Objects**

**3 Credit Hours**

Continued study of modeling complex objects digitally. Topics include design patterns and CAD techniques, advanced design tools, programming for embedded devices, unit and regression testing, cycles of prototyping, and incremental improvement.

**Prerequisites:** MAKE102

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**MATH 105 - Fundamentals of Math**

## **MATH 105 - Fundamentals of Math**

**3 Credit Hours**

Integers, rational numbers, exponents, order of operations. Functions in context, and their algebraic and graphical representation. Linear and quadratic equations. Introduction to the graphing calculator. This course does not count toward the core requirement in mathematics.

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

**MATH 113 - Mathematics of Finance**

## **MATH 113 - Mathematics of Finance**

**3 Credit Hours**

Simple and compound interest, discounting, annuities, amortization and sinking funds, stocks, bonds, insurance.

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

**MATH 115 - Topics in Applied Mathematics**

## **MATH 115 - Topics in Applied Mathematics**

**3 Credit Hours**

Topics in the application of elementary mathematics to real world problems: management science, voting schemes, theory of games, population growth, other models.

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

**MATH 116 - Elementary Statistics**

# MATH 116 - Elementary Statistics

## 3 Credit Hours

An introduction to statistical thinking and its applications to a wide variety of areas. Topics include: statistical and visual methods for summarizing data, basic principles of probability, regression, and fundamentals of hypothesis testing and confidence intervals. Critical examination of the results of a statistical analysis is emphasized.

**Course Attributes:** Mathematical Perspectives, Quantitative Reason Flag Full

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 120 - Elementary Functions

# MATH 120 - Elementary Functions

## 3 Credit Hours

Graphs and properties of functions, including polynomial functions, exponential functions, logarithmic functions, inverse functions and composition of functions. Applications to real world situations using algebraic, numerical, and graphical methods.

**Course Attributes:** Mathematical Perspectives, Quantitative Reason Flag Full

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 125 - Explorations in Mathematics

# MATH 125 - Explorations in Mathematics

## 3 Credit Hours

Exploration of easily accessible, engaging, and thematically connected mathematical ideas as a vehicle to lead students to experiences that are characteristic of the mathematical enterprise.

**Course Attributes:** Mathematical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 140 - Concepts of Calculus

# MATH 140 - Concepts of Calculus

## 3 Credit Hours

Concepts of Calculus is an informal introduction to a study of quantities that change relative to each other and the fundamental concepts of the calculus which measure this change: the derivative and the integral.

**Course Attributes:** Mathematical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 147 - Calculus From Historical Persp

# MATH 147 - Calculus From Historical Persp

## 3 Credit Hours

An overview of concepts from differential and integral calculus through excerpted readings in English translation of original texts which emphasizes connections with developments in science and philosophy.

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 150 - Elements of Calculus I

# MATH 150 - Elements of Calculus I

## 3 Credit Hours

Modeling data with polynomial functions, exponential functions, and logistic functions. Rates of change and the derivative. Application of the derivative including optimization and inflection points. Result of cumulative change and the definite integral.

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 151 - Elements of Calculus II

# MATH 151 - Elements of Calculus II

## 3 Credit Hours

Modeling with trigonometric functions, functions of several variables, contour maps, partial derivatives, and optimization with and without constraints.

**Prerequisites:** Undergraduate level MATH150 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 154 - Milestones in Mathematics

# MATH 154 - Milestones in Mathematics

## 3 Credit Hours

Charts milestones in various branches of mathematics through the reading of original sources: number theory, infinity, Euclidean and non-Euclidean geometry, and algebra are all possible threads of development.

**Prerequisites:** Placement Math Score MTH1: 20 or Undergraduate level MATH120 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 156 - General Statistics

# MATH 156 - General Statistics

## 3 Credit Hours

An introduction to the major concepts and tools used for collecting, analyzing, and making inferences from data. Topics include: graphical displays, correlation, regression, design of experiments, probability, simulation, random sampling, confidence intervals and hypothesis testing.

**Restrictions:** May not be enrolled in one of the following Colleges: Williams College of Business

**Course Attributes:** Mathematical Perspectives, Quantitative Reason Flag Full

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 158 - General Statistics II**

# **MATH 158 - General Statistics II**

### **3 Credit Hours**

A second course in statistics covering various methods of data analysis. Topics include: t-tests, analysis of categorical data, estimation and inference of multiple regression models, Analysis of Variance, and multiple comparisons. The ability to communicate and correctly interpret the results of a statistical data analysis is emphasized.

**Prerequisites:** MATH156 or Undergraduate level MATH116 Minimum grade of B

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 169 - Precalculus**

# **MATH 169 - Precalculus**

### **3 Credit Hours**

This is a study of linear, polynomial, rational, exponential, logarithmic, and trigonometric functions from symbolic, graphical, and numerical perspectives. Topics include algebraic and analytic properties of functions; sums, differences, products, quotients, and composites of functions; inverse functions; and functions as models.

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 170 - Calculus I**

# **MATH 170 - Calculus I**

### **4 Credit Hours**

Limits and continuity. Transcendental functions. The derivative, techniques of differentiation, and applications of the derivative. Parametric equations. The definite integral, numerical integration, antiderivatives, and method of substitution.

**Course Attributes:** Mathematical Perspectives, Quantitative Reason Flag Full

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 171 - Calculus II**

# **MATH 171 - Calculus II**

**4 Credit Hours**

Numerical integration, applications of the definite integral, techniques of integration, and improper integrals. Taylor polynomials. Sequences and series. Polar coordinates.

**Prerequisites:** MATH170

**Course Attributes:** Mathematical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

**MATH 180 - Differential Calculus**

# MATH 180 - Differential Calculus

**3 Credit Hours**

This is a first course in single-variable calculus, which focuses on thoroughly investigating the theory and application of derivatives. Topics include: classes of functions, limits, continuity, L'Hôpital's Rule, interpretation of derivatives, derivative rules, related rates, the Mean Value Theorem, and optimization.

**Course Attributes:** Math Persp or Quant Reas Flag

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

**MATH 181 - Integral Calculus**

# MATH 181 - Integral Calculus

**3 Credit Hours**

This is a second course in single-variable calculus, which focuses on a thorough investigation of the theory and application of definite and indefinite integrals. Topics include: the definite integral as a limit of sums, the indefinite integral and antiderivatives, The Fundamental Theorem of Calculus; techniques of integration and approximate integration; applications to accumulation of change, physical work, computation of area, volumes of solids, arclength, surface area; integration in the context of parametric functions and polar coordinates.

**Prerequisites:** Undergraduate level MATH180 Minimum grade of C-

**Course Attributes:** Mathematical Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

**MATH 182 - Sequences and Series**

# MATH 182 - Sequences and Series

**3 Credit Hours**

This is a third course in single-variable calculus, which focuses on a thorough investigation of sequences and series. This includes the foundational topics regarding sequences and series, as well as the applications of differential and integral calculus to sequences and series. Topics include: the foundational definitions of sequences and series, the study of convergent series and their test for convergence, geometric series, alternating series and absolute convergence, error approximation for convergent series, power series, Taylor and Maclaurin series, and their use as representations of functions.

**Prerequisites:** Undergraduate level MATH181 Minimum grade of C-

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*



## MATH 211 - Mathematics for Education 1

# MATH 211 - Mathematics for Education 1

### 3 Credit Hours

Concepts necessary for understanding the structure of arithmetic, its algorithms and properties (with whole numbers, integers, rational and irrational numbers), basic set theory and introductory number theory.

**Restrictions:** Must be enrolled in one of the following Programs: Master of Education BS in Education areas

**Course Attributes:** Mathematical Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 212 - Mathematics for Education 2

# MATH 212 - Mathematics for Education 2

### 3 Credit Hours

Concepts necessary for an understanding of basic geometry: shapes in one, two, and three dimensions, scientific measurement and dimensional analysis, congruence and similarity of figures, compass and straightedge constructions, transformations, coordinate geometry, conjecture and proof, perspective drawing and introductory trigonometry. Use of computer software to explore geometric concepts.

**Restrictions:** Must be enrolled in one of the following Programs: Master of Education BS in Education areas

**Course Attributes:** Mathematical Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 213 - Algebra Concepts -MCED

# MATH 213 - Algebra Concepts -MCED

### 3 Credit Hours

Development of algebraic problem solving, polynomials, linear, quadratic and exponential equations and functions, pattern representation, sequences and series. Use of technology and manipulative materials in the teaching of algebra.

**Restrictions:** Must be enrolled in one of the following Programs: Master of Education BS in Education areas

**Course Attributes:** Mathematical Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## MATH 214 - Math Problem Solving -MCED

# MATH 214 - Math Problem Solving -MCED

### 3 Credit Hours

Problem solving, drawing from a wide range of school mathematics topics, logic, combinatorics, and basic probability theory.

**Prerequisites:** MATH211 and MATH212 and MATH213

**Course Attributes:** Mathematical Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 220 - Multivariable Calculus**

# **MATH 220 - Multivariable Calculus**

### **5 Credit Hours**

Vectors, lines and planes. Functions of several variables, partial derivatives and applications, gradient and directional derivative. Multiple integrals, line integrals, Green's Theorem.

**Prerequisites:** MATH171 or MATH181

**Course Attributes:** Mathematical Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 222 - Applied Linear Algebra**

# **MATH 222 - Applied Linear Algebra**

### **3 Credit Hours**

An introduction to elementary linear algebra with an emphasis on application and interpretation. Topics include systems of linear equations and their solutions, matrix algebra, linear transformations, determinants, inverses, eigenvalues and eigenvectors, orthogonality. Selected applications to physical and social sciences.

**Prerequisites:** MATH169 or MATH180 or MATH181 or Placement - Math ADV

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 225 - Foundations Of Higher Math**

# **MATH 225 - Foundations Of Higher Math**

### **3 Credit Hours**

Propositional and predicate logic; methods of proof, including direct approaches, contradiction, contraposition, mathematical induction; sequences, recursion, recurrence relations; set theory; functions and relations. Primary emphasis on proof-writing.

**Course Attributes:** Mathematical Perspectives, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 230 - Intro to Ordinary Diff Equat**

# **MATH 230 - Intro to Ordinary Diff Equat**

### **3 Credit Hours**

Modeling with ordinary differential equations. Analytical, qualitative, and numerical techniques for first-order equations, first-order nonlinear systems, and linear systems. MATH 240 is recommended as a prerequisite to this course.

**Prerequisites:** MATH171 or MATH181

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 240 - Linear Algebra**

# **MATH 240 - Linear Algebra**

### **3 Credit Hours**

Systems of linear equations, Gaussian elimination, echelon forms, algebraic structure of solutions; vector and matrix arithmetic, invertibility; linear transformations and their matrices; vector spaces and subspaces, bases, coordinates, dimension, rank; change of basis; determinants, Cramers Rule; eigenvectors and eigenvalues; diagonalization; inner products, the Gram-Schmidt process. MATH 220 is a recommended prerequisite for this course

**Prerequisites:** MATH225 or EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 256 - Intro to Probability & Stats**

# **MATH 256 - Intro to Probability & Stats**

### **3 Credit Hours**

Calculus-based introduction to probability and descriptive and inferential statistics. Topics include: numerical and graphical summaries of data, conditional probability, Bernoulli trials, normal distribution, the central limit theorem, estimation, t-tests, chi-square tests, type I and II errors, regression and correlation.

**Prerequisites:** MATH181

**Co-requisites:** MATH181

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 257 - Data Modeling**

# **MATH 257 - Data Modeling**

### **3 Credit Hours**

Exploratory data analysis and visualization, logistic regression, estimation and inference of multiple regression models, model selection, Analysis of Variance, multiple comparisons, and experimental design.

**Prerequisites:** MATH256

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 280 - Combinatorics**

# **MATH 280 - Combinatorics**

**3 Credit Hours**

An introduction to counting techniques of discrete objects. The enumeration of sets, permutations and combinations, the binomial and multinomial theorem will serve as an appetizer; counting methods including the inclusion-exclusion principle; the pigeonhole principle, generating functions, and recurrence relations will be the main course. Applications of combinatorial techniques and problem solving will be emphasized. [Optional: finite geometries, permutation groups, latin squares, designs, and codes.]

**Prerequisites:** MATH225

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 300 - History of Mathematics**

# **MATH 300 - History of Mathematics**

### **3 Credit Hours**

Some of the highlights in the historical development of mathematics with special attention given to the invention of non-Euclidean geometry and its importance for mathematics and Western thought.

**Prerequisites:** (Undergraduate level MATH220 Minimum grade of D and Undergraduate level MATH240 Minimum grade of D) or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 301 - Geometry**

# **MATH 301 - Geometry**

### **3 Credit Hours**

Axiom systems, models and finite geometries, convexity, transformations, Euclidean constructions, and the geometry of triangles and circles. Introduction to projective and non-Euclidean geometries.

**Prerequisites:** Undergraduate level MATH180 Minimum grade of D or Undergraduate level MATH225 Minimum grade of D or EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 302 - Number Theory**

# **MATH 302 - Number Theory**

### **3 Credit Hours**

Divisibility and primes, linear congruences, quadratic residues and reciprocity. Diophantine equations, multiplicative functions, distribution of primes.

**Prerequisites:** Undergraduate level MATH240 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 303 - Mathematical Logic**

# **MATH 303 - Mathematical Logic**

### **3 Credit Hours**

Axiomatic development of propositional calculus, functional complete sets of operators, axiomatic development of the first order function calculus, the existential operator, the

algebra of logic.

**Prerequisites:** Undergraduate level MATH225 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 311 - Probability Theory**

# **MATH 311 - Probability Theory**

### **3 Credit Hours**

Sample spaces, basic axioms of probability, Bayes' theorem, expectation, common discrete and continuous distributions, moment generating functions, central limit theorem, inequalities, convergence of random variables, and transformations of random variables.

**Prerequisites:** MATH171 or MATH181

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 312 - Statistical Inference**

# **MATH 312 - Statistical Inference**

### **3 Credit Hours**

Maximum likelihood principle, Bayesian estimation, properties of estimators, sufficiency, likelihood ratio tests, chi-square distribution, t distribution, F distribution, power, nonparametrics, bootstrap, and Markov Chain Monte Carlo.

**Prerequisites:** MATH311

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 316 - Cryptology**

# **MATH 316 - Cryptology**

### **3 Credit Hours**

The making and breaking of secret ciphers and codes. Classical ciphers: shift, affine, Vigenère, substitution, Hill, one-time pads, and Enigma. A brief introduction to number theory. Modern methods: RSA algorithm, DES, AES: Rijndael, discrete logarithms and elliptic curves.

**Prerequisites:** Undergraduate level MATH225 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 321 - Numerical Analysis**

# **MATH 321 - Numerical Analysis**

### **3 Credit Hours**

Accuracy, function evaluation and approximation, systems of linear equations, nonlinear equations, numerical differentiation and integration, and solutions to differential equations.

**Prerequisites:** CSC1170 and MATH171

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 325 - Mathematical Modeling**

# **MATH 325 - Mathematical Modeling**

### **3 Credit Hours**

The synthesis, formulation and solution of various problems in applied mathematics and related fields.

**Prerequisites:** Undergraduate level MATH181 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 330 - Graph Theory**

# **MATH 330 - Graph Theory**

### **3 Credit Hours**

Graphs, subgraphs, trees, isomorphism, Eulerian and Hamiltonian paths, planarity, digraphs, connectivity, and chromatic number. Other topics may be included.

**Prerequisites:** Undergraduate level MATH225 Minimum grade of D or Graduate level EDMS999 or Undergraduate level MATH180 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 340 - Abstract Algebra I**

# **MATH 340 - Abstract Algebra I**

### **3 Credit Hours**

Groups, isomorphism, homomorphism, normal subgroups, rings, ideals, fields.

**Prerequisites:** (Undergraduate level MATH225 Minimum grade of D or Undergraduate level MATH180 Minimum grade of D) and Undergraduate level MATH240 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 341 - Abstract Algebra II**

# **MATH 341 - Abstract Algebra II**

### **3 Credit Hours**

A continuation of MATH 340. Topics may include Boolean algebra, lattice theory, combinatorial group theory, coding theory, Galois theory, commutative rings.

**Prerequisites:** Undergraduate level MATH340 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 360 - Elementary Topology**

# **MATH 360 - Elementary Topology**

### **3 Credit Hours**

Metric spaces, topological spaces, continuity, convergence, compactness, connectedness, and separation axioms.

**Prerequisites:** Undergraduate level MATH240 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 370 - Real Analysis**

# **MATH 370 - Real Analysis**

### **3 Credit Hours**

Rigorous development of calculus of functions of a single variable. The real number system, topology of the real line, continuity, uniform continuity, the derivative, the Riemann integral, sequences and series of real numbers, and uniform convergence.

**Prerequisites:** (Undergraduate level MATH225 Minimum grade of D or Undergraduate level MATH180 Minimum grade of D) and Undergraduate level MATH220 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 372 - Applied Analysis**

# **MATH 372 - Applied Analysis**

### **3 Credit Hours**

Special functions, orthogonal sets of functions. Sturm-Liouville theory. Partial Differential Equations. Fourier series, integrals and transforms.

**Prerequisites:** Undergraduate level MATH230 Minimum grade of D or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 380 - Intro to Complex Variables**

# **MATH 380 - Intro to Complex Variables**

### **3 Credit Hours**

Complex numbers, analytic functions, complex integration, series representation of analytic functions, the calculus of residues.

**Prerequisites:** ( MATH225 or MATH180) and MATH220

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

# **MATH 385 - Sec Math From Adv Perspective**

**3 Credit Hours**

A capstone course for prospective high school teachers focusing on connections between secondary and undergraduate mathematics. Emphasis on analysis and algebra. The real numbers, sequences and series, countability, concepts of infinity. Functions, logarithms, solving equations, the Fundamental Theorem of Algebra and its consequences. Complex numbers and functions.

**Prerequisites:** MATH340

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

**MATH 391 - Mathematics Seminar I**

# **MATH 391 - Mathematics Seminar I**

**1 Credit Hours**

Juniors (MATH 391) and seniors (MATH 393) meet together in the spring semester: students will read selections from the mathematical literature, explore how to write mathematics effectively, learn how to use technical word processing tools, practices how to communicate mathematical ideas and give oral presentations.

**Restrictions:** Must be enrolled in one of the following Majors: Mathematics

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

**MATH 392 - Mathematics Seminar 2**

# **MATH 392 - Mathematics Seminar 2**

**1 Credit Hours**

Each senior will meet with a faculty advisor to work on an individual research project.

**Restrictions:** Must be enrolled in one of the following Majors: Mathematics

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

**MATH 393 - Mathematics Seminar 3**

# **MATH 393 - Mathematics Seminar 3**

**1 Credit Hours**

The student will write a paper and give a formal presentation describing the project developed during MATH 392.

**Prerequisites:** MATH392

**Restrictions:** Must be enrolled in one of the following Majors: Mathematics

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*



**MATH 397 - Special Study**

## **MATH 397 - Special Study**

**0 - 6 Credit Hours**

Credit by special arrangement. Area to be specified.

**Prerequisites:** MATH225

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

**MDLN 101 - Elementary Twi I**

## **MDLN 101 - Elementary Twi I**

**3 Credit Hours**

An introduction to basic language skills through emphasizing the acquisition of high-frequency vocabulary and the development of cultural awareness. This course is offered ONLY to participants in the Service Learning Program in Ghana and will be offered only in Ghana.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**MDLN 102 - Elementary Twi II**

## **MDLN 102 - Elementary Twi II**

**3 Credit Hours**

Continuing basic language skills through emphasizing the acquisition of high-frequency vocabulary and the development of cultural awareness. This course is offered ONLY to participants in the Academic Service Learning Program in Ghana and will be offered only in Ghana.

**Prerequisites:** Undergraduate level MDLN101 Minimum grade of D

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**MGMT 200 - Organizational Management**

## **MGMT 200 - Organizational Management**

**3 Credit Hours**

This is a survey course introducing students to the principles of managerial behavior, human resource management, and strategic management. Students will learn about relevant theories, concepts, and frameworks as well as how to apply them to actual business situations.

**Course Attributes:** Diversity Flag

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MGMT 201 - Business & Professional Comm**

## **MGMT 201 - Business & Professional Comm**

**3 Credit Hours**

This course is intended to help students communicate effectively in business and professional settings. The course covers the essentials of effective written, oral and digital business communication.

**Prerequisites:** ENGL101 or ENGL115

**Course Attributes:** Oral Communication Flag, Writing Flag Core

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MGMT 300 - Managerial Behavior**

# MGMT 300 - Managerial Behavior

**3 Credit Hours**

Lectures, cases, and experiential exercises are used to introduce the management functions of planning, organizing, staffing, leading, improving and controlling.

**Restrictions:** May not be enrolled as the following Classifications: Freshman

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MGMT 301 - Managerial Communications**

# MGMT 301 - Managerial Communications

**2 Credit Hours**

Essentials of effective written and oral business communication with a focus on career communication skills.

**Course Attributes:** Oral Communication Flag

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MGMT 303 - Co-Op Education/Management: Jr**

# MGMT 303 - Co-Op Education/Management: Jr

**3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved management-related work experience. Student must have 55 credit hours completed, 2.75 GPA, departmental approval required.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MGMT 305 - Creativity & Innovation**

# MGMT 305 - Creativity & Innovation

**3 Credit Hours**

This course covers techniques and process of innovation and creativity that leads to new business development as an independent new venture or in existing organizations. Lectures, experiential learning, discussions and guest speakers.

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 309 - Change Management**

# **MGMT 309 - Change Management**

### **3 Credit Hours**

Theory and design of organizational systems, organizational performance, culture, training and development and change processes; course also includes a focus on performance appraisal.

**Prerequisites:** MGMT200 or MGMT300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 310 - Teamwork & Team Building**

# **MGMT 310 - Teamwork & Team Building**

### **3 Credit Hours**

Analysis of forces controlling group formulation and development in business and organizational work situations. Techniques for analyzing and productively managing informal groups.

**Prerequisites:** Undergraduate level MGMT300 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 312 - Negotiation & Conflict Mgmt**

# **MGMT 312 - Negotiation & Conflict Mgmt**

### **3 Credit Hours**

Examination of the theory and practice of negotiation and conflict management in business and other organizational settings. The course utilizes simulations and cases to develop negotiation skills, with an emphasis on distributive and integrative techniques, and an understanding of the negotiation process and strategies.

**Prerequisites:** MGMT300 or MGMT200

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 314 - Leadership**

# **MGMT 314 - Leadership**

### **3 Credit Hours**

An analysis of various theories and approaches to leadership emphasizing team building and situational leadership. The course includes skill development, experiential activities, theoretical constructs, and guest speakers who are leaders in a variety of settings.

**Prerequisites:** MGMT200 or MGMT300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 321 - Industrial-Organizationl Psyc**

# **MGMT 321 - Industrial-Organizationl Psyc**

### **3 Credit Hours**

Psychological bases for organizational decisions from employment to the maintenance of motivation and job satisfaction of people. Research, measurement, and practical application are emphasized.

**Prerequisites:** Undergraduate level MGMT300 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 322 - Managing For Sustainability**

# **MGMT 322 - Managing For Sustainability**

### **3 Credit Hours**

This course provides an overview of the issues faced by business managers related to the topic of Triple Bottom Line Sustainability: economic vitality, environmental stewardship and corporate social responsibility. The course emphasizes experiential learning and practical application of concepts.

**Prerequisites:** MGMT200 or MGMT300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 325 - International Management**

# **MGMT 325 - International Management**

### **3 Credit Hours**

The purpose of this course is to create a framework for understanding competitive positioning of organizations, human resource and cultural issues related to international management. Lectures and country projects, discussion group projects, and guest speaker visits.

**Prerequisites:** ( MGMT200 or MGMT300) and ECON300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 333 - Global Supply Chain Mgmt**

# **MGMT 333 - Global Supply Chain Mgmt**

### **3 Credit Hours**

This course provides undergraduate business students with a thorough introduction to the field of Supply Chain Management with an emphasis on current practice and emerging trends. Course topics will include supply chain design and strategies in a global business environment; selection and management of supply chain partners; inventory, warehousing, and materials management; logistics and transport systems; information flows and technology; and measurement of supply chain performance with regard to quality, responsiveness, cost, and sustainability.

**Prerequisites:** BAIS302

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 345 - Compensation**

# MGMT 345 - Compensation

## 3 Credit Hours

An examination of the use of compensation and benefits systems to attract, retain, motivate, and reward employees. Topics include compensation system design, strategies to ensure a system that is internally consistent and externally competitive, challenges in compensating special employee groups, employee benefits, and the legal context.

**Prerequisites:** ( MGMT200 or SHRM200 or SHRM300) and ( BAIS210 or PSYC210 or MATH116 or MATH140 or MATH156)

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## MGMT 360 - Staffing

# MGMT 360 - Staffing

## 3 Credit Hours

An examination of the field of staffing within the human resource function, including job analysis, legal issues, and internal and external recruitment and selection.

**Prerequisites:** ( MGMT200 or SHRM200 or SHRM300) and ( BAIS210 or PSYC210 or MATH116 or MATH140 or MATH156)

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## MGMT 368 - Small Business Consulting

# MGMT 368 - Small Business Consulting

## 3 Credit Hours

This is a highly applied course in which the instructor plays the role of facilitator and managing consultant. The student will fill the role as a consultant assigned to and engaged with a real client. The course should be considered partially as an independent study class as the student will work with the client outside of the regular class to achieve specific agreed upon objectives.

**Prerequisites:** MGMT300 and SHRM200

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## MGMT 370 - Training and Development

# MGMT 370 - Training and Development

## 3 Credit Hours

An examination of training and development of human resources in organizations. Topics include the design, implementation, and evaluation of training, development, and career management programs.

**Prerequisites:** MGMT200 or SHRM200 or SHRM300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## MGMT 385 - Project Management

# MGMT 385 - Project Management

**3 Credit Hours**

The purpose of this course is to prepare students to plan, organize, lead, participate in, control, and improve projects, via lectures, cases, and participation in experiential projects.

**Prerequisites:** MGMT200 or MGMT300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MGMT 403 - Co-Op Education/Management: Sr**

# MGMT 403 - Co-Op Education/Management: Sr

**3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved management-related work experience. Students must have 55 credit hours completed, 2.750 GPA, departmental approval required.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MGMT 410 - Quality Planning & Improvement**

# MGMT 410 - Quality Planning & Improvement

**3 Credit Hours**

A comparison of modern approaches to quality. In quality planning, product and process are developed to satisfy customers. In quality improvement, both organization-wide and process improvements are studied. Quality function deployment and management planning tools are used.

**Prerequisites:** Undergraduate level STAT200 Minimum grade of D and Undergraduate level MGMT302 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MGMT 495 - Management Capstone**

# MGMT 495 - Management Capstone

**3 Credit Hours**

This is the capstone course for all Management majors. In this course, students will apply learning from their management courses, such as leadership concepts, project management, and negotiation and conflict resolution strategies, to practical problems and cases. New material building on existing knowledge will also be discussed and applied. Students will complete a capstone project allowing for an integrative and applied analysis of current management topics.

**Prerequisites:** MGMT200 or MGMT300

**Restrictions:** Must be enrolled in one of the following Majors: Entrepreneurial Studies Management Strategic Human Resource Mgmt Must be enrolled in one of the following Classifications: Senior

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MGMT 499 - Tutorial Course: Senior Level**

# MGMT 499 - Tutorial Course: Senior Level

**3 Credit Hours**

Research in scholarly journals on a management topic of current import. Open to students only with consent of instructor.

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **MGMT 550 - Strategy and Organizations**

## **MGMT 550 - Strategy and Organizations**

#### **3 Credit Hours**

This is a survey course introducing students to the principles of managerial behavior (managing people and leading organizations), strategic management (setting and implementing strategic direction for the company), and strategic human resource management (employee recruitment, selection, and performance evaluation). Students will learn about relevant management theories, concepts, and frameworks as well as how to apply them to actual business situations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **MGMT 605 - Strategic Innovation**

## **MGMT 605 - Strategic Innovation**

#### **3 Credit Hours**

This course examines the critical elements that drive an innovative culture and processes in organizations, and focuses on tools, including design thinking, to develop innovative alternatives for addressing strategic business problems. Coursework relies on practical, experiential learning pedagogy.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **MGMT 613 - Strengths Based Leadership**

## **MGMT 613 - Strengths Based Leadership**

#### **3 Credit Hours**

The purpose of this course is to help students improve their leadership ability by understanding and developing their unique strengths.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **MGMT 614 - Principles of Leadership**

## **MGMT 614 - Principles of Leadership**

#### **1 - 3 Credit Hours**

An overview and analysis of a variety of theories and approaches to leadership emphasizing team building and leadership lecturers. Skill building and the development of a personal theory of leadership will be emphasized.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

## **MGMT 615 - Values Based Leadership Pract**

# **MGMT 615 - Values Based Leadership Pract**

### **2 Credit Hours**

Develops: knowledge of basic concepts related to business management, an ethical perspective of American business environment, an ability to define leadership values within an ethical perspective, and professional leadership values that can withstand workplace challenges.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

## **MGMT 616 - Ethics and Leadership**

# **MGMT 616 - Ethics and Leadership**

### **3 Credit Hours**

Our objective in this course is to embark on a journey in self-growth and development so that we emerge as strong ethical leaders. In today's global workplace, leaders are faced with the challenges of developing a vision for their organizations, formulating and communicating objectives to key stakeholder groups, mobilizing resources around opportunities, combating threats without compromising on ethical practices or principles, and creating a culture to deliver on the opportunities. Via a simple model that will serve as the foundation for ethical leadership, and application exercises surrounding the key variables, our journey will culminate with a better understanding of the challenges listed above and an understanding of the needs of the multiple stakeholder groups such as shareholders/owners, customers, employees, suppliers, and special interest groups that influence the actions of any organization. We will be drawing on theories of ethics and social responsibility, social and human capital, and social justice in this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **MGMT 621 - Strategies For Sustainability**

# **MGMT 621 - Strategies For Sustainability**

### **3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **MGMT 625 - Multinational Management**

# **MGMT 625 - Multinational Management**

### **3 Credit Hours**

Using core business functions, students learn to analyze the global environment in which firms compete and design strategies for sustainable competitive advantage in foreign markets.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate



## MGMT 641 - Managing New & Growing Venture

# MGMT 641 - Managing New & Growing Venture

### 2 Credit Hours

Develops understanding as to why some ventures (new and/or existing) achieve their goals, grow, and attract resources while others stagnate or go bankrupt. Business simulations, interactive multimedia programs, guest speakers, and field trips will be used to accomplish course objectives.

**Prerequisites:** MGMT550 and MGMT551 and FINC550 and MKTG550 and ACCT550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## MGMT 644 - Motivation & Behavior in Organ

# MGMT 644 - Motivation & Behavior in Organ

### 3 Credit Hours

Role of motivation in performance within organizations, various concepts of motivation, leadership, and group interaction are studied, with emphasis on research findings.

**Prerequisites:** MGMT550 and MGMT551

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## MGMT 646 - Change & Innovation Ldrshp

# MGMT 646 - Change & Innovation Ldrshp

### 3 Credit Hours

As part of a two-course sequence in Change Management, this course examines theory and methods for setting goals, establishing control systems, assessing achievement against goals, and determining causes of variance in achievement from goals. Topics include the impact of purpose of assessment, formal and informal methods of data collection and measurement, creation of standards of performance, judgmental processes, rater goals and motivation, and measures of error and accuracy in assessment. Includes individual, group/team organizational levels of analysis, fit of measurement systems to organizational culture and societal context in which the organization operates and perceptions of fairness and ethical/moral issues.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## MGMT 647 - Change Processes and Methods

# MGMT 647 - Change Processes and Methods

### 3 Credit Hours

This course builds on MGMT 646 and examines when to change, what to change, and how to change. Topics include the theory and methodologies of change management, including small-scale incremental changes to large-scale transformations. Included will be examination of reasons for change, such as external environmental shifts, loss of competitiveness, and opportunities to do new things. These would involve improving what an organization already does, renewing a dying organization, or taking advantage of innovations or creativity. We will examine how internal and external assessment processes can indicate a need to change, how to use theory to determine what change intervention(s) to use to achieve a desired result, and how to determine insure that intended change has been successful and is permanent.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 650 - Strategic Quality Mgmt**

# **MGMT 650 - Strategic Quality Mgmt**

### **3 Credit Hours**

This course provides a thorough introduction to the core concepts and principles of quality management from an upper level management perspective. Various quality management philosophies are explored. In addition, students will investigate the contributions of other prominent individuals and examples of current practices from successful organizations.

**Prerequisites:** MGMT550 and MGMT551

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 654 - Project Management**

# **MGMT 654 - Project Management**

### **3 Credit Hours**

The purpose of this course is to prepare students to plan, organize, lead, participate in, control, and improve projects.

**Prerequisites:** MGMT550 and MGMT551

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 695 - Individual Reading & Research**

# **MGMT 695 - Individual Reading & Research**

### **1 - 3 Credit Hours**

Open to especially qualified students with the consent of the chair of the department and the dean.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 750 - Leading Organizations Micro**

# **MGMT 750 - Leading Organizations Micro**

### **2 Credit Hours**

This course is designed to introduce students to the key Management responsibilities and capabilities that are expected of a senior executive in today's business environment. As such, it covers a broad array of topics, including practices related to managing individuals, teams and the organization as a whole. Since the management role of a senior executive is substantially different from that of a senior-level manager; the topics in this course will be presented with this transition in mind. So that students gain a wellinformed perspective on the nature of a senior executive's role in the organization, there will be numerous guest speakers invited to the course who are already in these types of roles.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 751 - Leading Organizations Macro**

# **MGMT 751 - Leading Organizations Macro**

### **3 Credit Hours**

This course is designed to introduce students to the key Management responsibilities and capabilities that are expected of a senior executive in today's business environment. As such, it covers a broad array of topics, including practices related to strategically managing organization as a whole. Since the management role of a senior executive is substantially different from that of a senior-level manager; the topics in this course will be presented with this transition in mind. So that students gain a well-informed perspective on the nature of a senior executive's role in the organization, there will be numerous guest speakers invited to the course who are already in these types of roles.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 753 - Strategic Sustainability**

# **MGMT 753 - Strategic Sustainability**

### **2 Credit Hours**

This course will introduce students to the strategic application of the Triple Bottom Line Sustainability model for businesses, consisting of economic vitality, environmental stewardship and social responsibility. While sustainability principles can be utilized for operational efficiency and/or marketing purposes, this course emphasizes the identification of strategic opportunities so that organizations become more competitive through the design of initiatives that increase organizational resilience.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 755 - Contemporary Topics in Mgmt**

# **MGMT 755 - Contemporary Topics in Mgmt**

### **3 Credit Hours**

Introduction to the contemporary topics in management such as disruption, innovation, sustainability, change management, emerging technologies, globalization and de-globalization. Primary emphasis of this course is to examine leading-edge issues in business and use current management practices and techniques to address these contemporary business issues.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 903 - Operations Management**

# **MGMT 903 - Operations Management**

### **2 Credit Hours**

Understand the concepts and tools needed to control and improve the operations function. Develop skills in resolving problems and improving quality and productivity, gathering and analyzing data and making decisions in an increasingly global environment.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**MILS 101 - Leadership & Personal Dev**

## **MILS 101 - Leadership & Personal Dev**

**1 Credit Hours**

Detailed examination of the unique duties and responsibilities of the commissioned Army Officer. Includes discussion of the organization and role of the Army, a review of basic life skills pertaining to fitness and communications and an analysis of Army values and expected ethical behavior and an introduction to leadership.

**Levels:** Undergraduate

*College of Professional Sci Military Science*

**MILS 102 - Freshman Leadership Lab I**

## **MILS 102 - Freshman Leadership Lab I**

**1 Credit Hours**

Military courtesy, customs and traditions of the service, development of self-confidence, drill and ceremonies, physical training, rappelling, rifle marksmanship training, and other basic skills.

**Levels:** Undergraduate

*College of Professional Sci Military Science*

**MILS 103 - Intro to Tactical Leadership**

## **MILS 103 - Intro to Tactical Leadership**

**1 Credit Hours**

Presents fundamental leadership concepts and doctrine. Opportunities to practice basic skills that underlie effective problem solving and apply active listening and feedback skills. Examine the officer experience and those factors that influence leader and group effectiveness.

**Levels:** Undergraduate

*College of Professional Sci Military Science*

**MILS 104 - Freshman Leadership Lab II**

## **MILS 104 - Freshman Leadership Lab II**

**1 Credit Hours**

Military courtesy, customs and traditions of the service, development of self-confidence, drill and ceremonies, physical training, rappelling, rifle marksmanship training, and other basic skills.

**Levels:** Undergraduate

*College of Professional Sci Military Science*

**MILS 201 - Innovative Team Leadership**

## **MILS 201 - Innovative Team Leadership**

**3 Credit Hours**

this course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. The focus continues to build on developing knowledge of leadership values and attributes through understanding Army rank, structure, and duties as well as broadening knowledge of land navigation and squad tactics.

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

**MILS 202 - Sophomore Leadership Lab I**

# MILS 202 - Sophomore Leadership Lab I

**1 Credit Hours**

Functions and responsibilities of junior Noncommissioned Officers with particular attention devoted to the continued development of leadership potential. Drill and ceremony, map reading, physical training, leadership reaction, and practical field experiences are stressed.

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

**MILS 203 - Found. of Tactical Leadership**

# MILS 203 - Found. of Tactical Leadership

**3 Credit Hours**

This course examines the challenges of leading tactical teams in the complex contemporary operating environment (COE). This course highlights dimensions of terrain analysis, patrolling, and operations orders. Students develop a greater self awareness as they assess their own leadership styles and practice communication and team building skills.

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

**MILS 204 - Sophomore Leadership Lab II**

# MILS 204 - Sophomore Leadership Lab II

**1 Credit Hours**

Functions and responsibilities of junior Noncommissioned Officers with particular attention devoted to the continued development of leadership potential. Drill and ceremony, map reading, physical training, leadership reaction, and practical field experiences are stressed.

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

**MILS 299 - Leaders Training Course**

# MILS 299 - Leaders Training Course

**4 Credit Hours**

If eligible, students may apply to the chair. Five weeks of paid summer ROTC training at Fort Knox, Kentucky. Course graduates are eligible to enter the ROTC advance course and compete for a two year scholarship..

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

**MILS 301 - Adaptive Tactical Leadership**

# MILS 301 - Adaptive Tactical Leadership

## 3 Credit Hours

The student is challenged to study, practice and evaluate adaptive team leadership skills in preparation for Cadet Summer Training. Challenging scenarios related to small unit tactical operations are used to develop self awareness and critical thinking skills.

**Prerequisites:** ( MILS101 and MILS102 and MILS103 and MILS104 and MILS201 and MILS202 and MILS203 and MILS204) or MILS299

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

## MILS 302 - Junior Leadership Lab I

# MILS 302 - Junior Leadership Lab I

## 1 Credit Hours

Designed to develop leadership potential by participation in the planning and conducting of training, development of personnel management skills and by emphasizing the functions, duties, and responsibilities of Commissioned Officers and Noncommissioned Officers. Physical training and preparation for the summer assessment course are emphasized.

**Prerequisites:** ( MILS101 and MILS102 and MILS103 and MILS104 and MILS201 and MILS202 and MILS203 and MILS204) or MILS299

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

## MILS 303 - Lead in Changing Environ

# MILS 303 - Lead in Changing Environ

## 3 Credit Hours

Probes leader responsibilities that foster an ethical command climate. Develops cadet leadership competencies and prepares them for success at the Leadership Development and Assessment Course. Recognize leader responsibilities to accommodate subordinate needs. Apply principles and techniques of effective written and oral communications.

**Prerequisites:** ( MILS101 and MILS102 and MILS103 and MILS201 and MILS104 and MILS202 and MILS203 and MILS204) or MILS299

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

## MILS 304 - Junior Leadership Lab II

# MILS 304 - Junior Leadership Lab II

## 1 Credit Hours

Designed to develop leadership potential by participation in the planning and conducting of training, development of personnel management skills and by emphasizing the functions, duties and responsibilities of Commissioned Officers and Non-commissioned Officers. Physical training and preparation for Cadet Summer Training are emphasized.

**Prerequisites:** ( MILS101 and MILS102 and MILS103 and MILS104 and MILS201 and MILS202 and MILS203 and MILS204) or MILS299

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

## MILS 399 - Leader Development Assessment

# MILS 399 - Leader Development Assessment

**4 Credit Hours**

This training is conducted at Fort Knox, Kentucky and normally takes place in the summer following the junior year. This internship is five weeks in duration and oriented on the execution of Advanced Military Tactics, Cadet Leadership ability, and physical endurance.

**Prerequisites:** ( MILS101 and MILS102 and MILS103 and MILS104 and MILS201 and MILS202 and MILS203 and MILS204) or MILS299

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

**MILS 401 - Developing Adaptive Leaders**

# MILS 401 - Developing Adaptive Leaders

**3 Credit Hours**

Builds on Leadership Development and Assessment Course experience to solve organizational and staff problems. Discuss staff organization, functions, and processes. Analyze counseling responsibilities and methods. Examine principles of subordinate motivation and organizational change. Apply leadership and problem solving principles to a complex case study.

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

**MILS 402 - Senior Leadership Lab I**

# MILS 402 - Senior Leadership Lab I

**1 Credit Hours**

Emphasizes the functions, duties and responsibilities of junior Army Officers with special attention directed toward developing advanced leadership potential, personal communications (oral and written) skills and through active participation in the planning and conduct of training.

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

**MILS 403 - Lead. in a Complex World**

# MILS 403 - Lead. in a Complex World

**3 Credit Hours**

Capstone course designed to explore topics relevant to second lieutenants entering the Army. Describe legal aspects of decision-making and leadership. Analyze Army organization for operations from tactical to strategic level. Assess administrative and logistics management functions. Perform platoon leader actions. Examine leader responsibilities that foster an ethical command climate.

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

**MILS 404 - Senior Leadership Lab II**

# MILS 404 - Senior Leadership Lab II

**1 Credit Hours**

Emphasizes the functions, duties, and responsibilities of junior Army Officers with special attention directed toward developing advanced leadership potential, personal communications (oral and written) skills and through active participation in the planning and conduct of training.

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

## MILS 499 - Directed Study

# MILS 499 - Directed Study

### 1 - 3 Credit Hours

Open to especially qualified students with the consent of the department chair.

**Levels:** Graduate Undergraduate

*College of Professional Sci Military Science*

## MKTG 300 - Principles of Marketing

# MKTG 300 - Principles of Marketing

### 3 Credit Hours

Marketing involves exchanges. The activities involved in marketing products, services, and ideas are examined within a framework of customer management are explored. Topics include global marketing environment, market analysis and segmentation, consumer behavior, product development and management, pricing, promotion, and distribution. Marketing is examined from its role as a central function of business and non-profit organizations, and from its dominant role in a market economy. Prerequisite for upper division courses unless waived by department chair.

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 302 - Marketing Research

# MKTG 302 - Marketing Research

### 3 Credit Hours

Marketing research, methodologies, and managerial utilization of research findings.

**Prerequisites:** (Undergraduate level STAT211 Minimum grade of C- or Undergraduate level BAIS211 Minimum grade of C- or Undergraduate level STAT200 Minimum grade of C-) and Undergraduate level MKTG300 Minimum grade of C-

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 303 - Internship / Marketing Junior

# MKTG 303 - Internship / Marketing Junior

### 3 Credit Hours

An elective cooperative experience where students earn academic credit while performing approved marketing-related work. Student must have 55 credit hours completed, 2.750 GPA, department approval required.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 310 - Business to Business Marketing



# MKTG 310 - Business to Business Marketing

## 3 Credit Hours

Dynamics of marketing from a business to a business. Buyer behavior and market structure are analyzed in the context of the 4Ps.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 315 - Principles of Category Mgmt

# MKTG 315 - Principles of Category Mgmt

## 3 Credit Hours

Category Management is a discipline that maximizes the partnership between a retailer and manufacturer. Numerous consumer insights metrics and their use in the sales and marketing processes are examined. A large online consumer panel is utilized to reinforce classroom instruction and provide for consumer understanding in launching a new product.

**Prerequisites:** MKTG300

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 320 - International Marketing

# MKTG 320 - International Marketing

## 3 Credit Hours

The course covers the scope, challenges and strategies of international marketing management. It is designed to provide a foundational understanding of international marketing management by investigating the economic, political, technological, competitive and social/cultural factors that impact firms' managerial marketing mix decisions.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 325 - Marketing Services

# MKTG 325 - Marketing Services

## 3 Credit Hours

The marketing of services will be explored with special emphasis on how they differ from packaged and industrial goods.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 329 - Data Mining

# MKTG 329 - Data Mining

### **3 Credit Hours**

The students will receive an introduction to the basic theory, tools and techniques of data mining, including prediction, associations, clustering, and recommendation systems. The course will be delivered from two points of view: the technological view and the marketing management view. The students will use data mining tools when doing their team projects for customer relationship management. The teams will experience the implementation of these algorithms on real data.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 330 - Retail Marketing**

# **MKTG 330 - Retail Marketing**

### **3 Credit Hours**

Retailing is the largest industry and the dominant employer in the U.S. economy. The industry is explored, with particular emphasis on understanding the activities of retailers, both large and small. Topics include shopper behavior, store location, store layout, product presentation, and customer service. The criteria for success in retailing, the impact of technology on retailing, and the retail process examined within the larger domain of marketing. Beneficial to all marketing and business majors, as well as others engaged in shopping activities.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 340 - Marketing and the Supply Chain**

# **MKTG 340 - Marketing and the Supply Chain**

### **3 Credit Hours**

Of the four Ps of marketing, *place* (channels) is a particularly important source of competitive advantage. Marketing channels involve the processes and organizations by which products and services are made available for consumption. An overview of the supply chain and marketing channels of distribution is presented with the objective of understanding the various ways marketing channels are designed, developed, managed, and maintained.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of D

**Restrictions:** Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 345 - Integrated Mktg. Comm**

# **MKTG 345 - Integrated Mktg. Comm**

### **3 Credit Hours**

This course is a study of integrated marketing communications planning, strategies and procedures that allow companies to build brand relationships and value with customers. This course will examine the role of various communication functions, major media and promotional alternatives and the process of integrating these options in order to develop long term profitable brand relationships.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 355 - Product Development**

# **MKTG 355 - Product Development**

### **3 Credit Hours**

Focuses on new products as a major source of corporate growth. Included are such topics as: identification of new business opportunities; the stages of new product development; risk assessment and reduction.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 357 - E-Commerce**

# **MKTG 357 - E-Commerce**

### **3 Credit Hours**

In order for business students to really understand e-commerce, they must understand the relationships among e-commerce business organizations, the role of Internet technologies and the social and legal context of e-commerce. This course will develop the guidelines necessary for the planning and implementation of a successful e-commerce strategy applicable for a wide variety of organizations.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 361 - Professional Selling**

# **MKTG 361 - Professional Selling**

### **3 Credit Hours**

Dynamics of selling and techniques of persuasive leadership. Explores selling as a profession through multiple channels. Relationship selling and customer relationship management.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Course Attributes:** Oral Communication Flag

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 362 - Professional Selling Practicum**

# **MKTG 362 - Professional Selling Practicum**

### **3 Credit Hours**

This is an interdisciplinary course for marketing, sport marketing, and sport management majors. The course examines methods of professional selling while incorporating activities and the actual application of selling for real world organizations. Students will engage in sales efforts including consumer segmenting, prospecting, script writing, active selling, and handling barrier constraints. The class requires teamwork, creativity, and initiative to maximize this learning experience. Approval of instructor is required for registration in this course.

**Prerequisites:** MKTG300 and MKTG361

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 366 - Marketing Comm Practicum**

# **MKTG 366 - Marketing Comm Practicum**

### **3 Credit Hours**

This is an interdisciplinary course for communication, marketing, sport management and sport marketing majors. Students apply knowledge and skills to create real marketing and communication campaigns for sport organizations. The course examines the strategic and tactical use of brand engagement programs in integrated marketing communications. Students are divided into teams and work with real-world clients to develop marketing and communication campaigns for existing sport brands. The class requires teamwork, creativity and problem-solving abilities. In addition to the course prerequisites, students must also have one upper-level COMM, MKTG, or SPMG course; a 3.0 GPA; and the approval of instructor.

**Prerequisites:** COMM270 or MKTG300 or SPMG310

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 368 - Brand Building**

# **MKTG 368 - Brand Building**

### **3 Credit Hours**

This course takes a consumer-centric and "real world" approach to explore how companies create, build and sustain compelling and inspired brands. Students will be exposed to how brand strategy and actions plans are crafted and developed within successful consumer-led companies, brought to life through the professor's 25-year, first-hand experience as a brand builder and brand consultant with P&G (as well as 3M, McDonalds, Kraft, Coty, Jim Beam). As much as possible, the class will be experienced as if the students are working as brand builders within a consumer-driven company, learning the concepts of brand-building while seeing how real work gets done. The course will be heavy on cases, project work and in-class engagement where students will often role play, dialogue in real time business meetings, and learn to communicate persuasively their points of view about driving brands forward. Student must complete six hours of upper division Marketing courses with a grade of C or better prior to taking this course.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 369 - Brand Building Practicum**

# **MKTG 369 - Brand Building Practicum**

### **3 Credit Hours**

Brand Building Practicum is an advanced brand strategy class that builds on the brand fundamentals learned in the first course and explores more complex brand strategy choices including Brand Architecture, Building Brands through Innovation and Extensions, Brand Visual Identity, Packaging and Brand Voice, Strategic Brand Communication and more. The capstone of the course will be a complex real-world brand project for a local brand company, giving students direct interaction with professionals. the course is heavy on class engagement, discussion, mock business meetings and group projects.

**Prerequisites:** MKTG300 and MKTG368

**Levels:** Undergraduate

*Williams College of Business Marketing*

## **MKTG 370 - Consumer Behavior**

# MKTG 370 - Consumer Behavior

## 3 Credit Hours

Marketing strategy implications of consumer behavior. Provides a basic understanding of the major concepts and theories in consumer decision making and behavior. Considers psychology and other social sciences as they contribute to the understanding of these notions.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 375 - Customer Relationship Mgmt

# MKTG 375 - Customer Relationship Mgmt

## 3 Credit Hours

The goal of this course is to provide exposure to the techniques and technologies of customer relationship management (CRM). The course will explore examples of customer relationship management that work - and those that don't. The student will come to appreciate the many uses of CRM, from actively developing a following of profitable customers to turning non-profitable customers away in cost-savings maneuvers.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 385 - Digital Mktg and Analytics

# MKTG 385 - Digital Mktg and Analytics

## 3 Credit Hours

Through relevant and applied business examples, Digital Marketing and Analytics provides learners the opportunity to interpret, evaluate, and integrate digital marketing data. Students will learn to formulate and enact intelligent data-driven strategies and incorporate fundamental web marketing analytics into existing business practices. Core content will focus on identifying and understanding digital marketing metrics to gauge success of traditional, digital, interactive, and social media marketing efforts. Through an examination of available systems and relevant examples, learners will further their understanding of the digital value chain and how to capitalize on emerging trends.

**Prerequisites:** MKTG300

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 390 - Ethical Issues in Marketing

# MKTG 390 - Ethical Issues in Marketing

## 3 Credit Hours

Current developments in consumerism and consumer protection. Ecology, social responsibility, and ethical issues. Governmental roles.

**Prerequisites:** Undergraduate level MKTG300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 398 - Social Media Marketing

# MKTG 398 - Social Media Marketing

## 3 Credit Hours

Social media is a broad term used to describe a host of online tools that propel social interaction. While Facebook, YouTube, Twitter and LinkedIn are used most frequently, the world of social media encompasses so much more. Through readings, guest speakers, case presentation and first hand exposure to social media technologies, this interactive course will provide a unique opportunity to understand how social media is fundamentally changing the way companies operate. more specifically, students will learn how people - as individuals or organizations - can strategically use social media tools to engage their audience in new and exciting ways.

**Prerequisites:** MKTG300

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 399 - Tutorial in Mktg: Jr Level

# MKTG 399 - Tutorial in Mktg: Jr Level

## 2 - 3 Credit Hours

Research, meeting, and attendance at scheduled lectures as determined by the advisor. Permission of the chair and dean required.

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 403 - Co-Op Education/Mktg: Sr

# MKTG 403 - Co-Op Education/Mktg: Sr

## 3 - 6 Credit Hours

An elective cooperative experience where students earn academic credit while performing approved marketing-related work experience. Student must have 55 credit hours completed, 2.750 GPA, departmental approval required.

**Prerequisites:** Undergraduate level MKTG301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 491 - Marketing Practicum

# MKTG 491 - Marketing Practicum

## 3 Credit Hours

Designed for undergraduate students participating in non-paid internships, the goals and objectives of these internships and course approval are the responsibility of the chair.

**Levels:** Undergraduate

*Williams College of Business Marketing*

## MKTG 495 - Mktg Planning & Analysis

# MKTG 495 - Mktg Planning & Analysis

**3 Credit Hours**

Developing and applying marketing strategy in a simulated business environment.

**Prerequisites:** MKTG302

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Course Attributes:** +Cost under \$40

**Levels:** Undergraduate

*Williams College of Business Marketing*

**MKTG 499 - Tutorial in Mktg: Sr Level**

# MKTG 499 - Tutorial in Mktg: Sr Level

**1 - 3 Credit Hours**

Research, meeting, and attendance at scheduled lectures as determined by the advisor. Permission of the chair and dean required.

**Levels:** Undergraduate

*Williams College of Business Marketing*

**MKTG 550 - Marketing Strategy**

# MKTG 550 - Marketing Strategy

**3 Credit Hours**

The objective of this course is to inculcate in you the ability to develop, implement, and critically evaluate the marketing strategy for a product or service. It will provide the conceptual frameworks and help you develop the analytical, quantitative, and creative skills that are necessary to define and develop superior value, persuasively communicate that value, profitably deliver it to a carefully selected target market, sustain both the value and the profitability in the face of ever-changing customer needs and competitive offerings.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Marketing*

**MKTG 602 - Marketing Research**

# MKTG 602 - Marketing Research

**3 Credit Hours**

Methods and techniques of marketing research; its use as a tool of management; cases in marketing research.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Marketing*

**MKTG 610 - Analytics Practicum**

# MKTG 610 - Analytics Practicum

## 3 Credit Hours

The Analytics Practicum for the Master of Science in Customer Analytics Program is the required capstone course for our Candidates. The coursework and applications are in partnership with the business community to solve for relevant project objectives that utilize real data and leverage Statistical and Desktop applications

**Prerequisites:** BAIS660 and BAIS665 and BAIS674 and BAIS680 and BAIS689 and MKTG602 and MKTG640 and MKTG664

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Marketing*

## MKTG 621 - Entrepreneurial Marketing

# MKTG 621 - Entrepreneurial Marketing

## 3 Credit Hours

Understand the challenges and acquire the skills and information needed to maximize marketing results with minimal marketing resources.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Marketing*

## MKTG 626 - Global Marketing

# MKTG 626 - Global Marketing

## 3 Credit Hours

This course is designed to provide a foundation for the understanding of global marketing management. It discusses the current state of global marketing, addresses global issues, and provides concepts and frameworks to help international marketers formulate effective global market entry strategy.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Marketing*

## MKTG 629 - Integrated Mktg Communications

# MKTG 629 - Integrated Mktg Communications

## 3 Credit Hours

This course is a study of integrated marketing communications planning, strategies and procedures that allow companies to build brand relationships and value with customers. This course will examine the role of various communication functions, major media and promotional alternatives and the process of integrating these options in order to develop long term profitable brand relationships.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate



*Williams College of Business Marketing*

## **MKTG 630 - Service Marketing**

# **MKTG 630 - Service Marketing**

### **3 Credit Hours**

The principles, practice, and scope of service marketing are explored.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Marketing*

## **MKTG 640 - Consumer-Centric Category Mgmt**

# **MKTG 640 - Consumer-Centric Category Mgmt**

### **3 Credit Hours**

Category Management is a discipline that maximizes the partnership between a retailer and manufacturer. Numerous consumer insights metrics and their use in the sales and marketing processes are examined. A large online consumer panel is utilized to reinforce classroom instruction and provide for consumer understanding in launching a new product.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Marketing*

## **MKTG 645 - Strategic Brand Management**

# **MKTG 645 - Strategic Brand Management**

### **3 Credit Hours**

0

**Levels:** Graduate

*Williams College of Business Marketing*

## **MKTG 660 - Selling & Sales Mgmt**

# **MKTG 660 - Selling & Sales Mgmt**

### **3 Credit Hours**

Explore dimensions of selling as a marketing function and the application of theories of management to the selling function within organizations.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Marketing*

### **MKTG 663 - Business to Business Mktg**

## **MKTG 663 - Business to Business Mktg**

**3 Credit Hours**

Problems of marketing industrial products. Management of the marketing channels and pricing, selling, and distribution of the products.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Marketing*

### **MKTG 664 - Consumer Behavior Theory**

## **MKTG 664 - Consumer Behavior Theory**

**3 Credit Hours**

Evaluation of research findings from behavioral sciences and other disciplines. Relationship to marketing.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Marketing*

### **MKTG 667 - Intl Sales & Negotiation**

## **MKTG 667 - Intl Sales & Negotiation**

**3 Credit Hours**

Examines the sales and negotiations processes in an international environment. Topics include networking, prospecting, communication skills, and other areas that influence strategic design.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Marketing*

### **MKTG 668 - Product Planning & Development**

## **MKTG 668 - Product Planning & Development**

**3 Credit Hours**

The entire process of new product development from idea generation to commercialization is developed.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Marketing*

## **MKTG 669 - Social Media Marketing**

# **MKTG 669 - Social Media Marketing**

### **3 Credit Hours**

Social media is a broad term used to describe a host of online tools that propel social interaction. While Facebook, YouTube, Twitter and LinkedIn are used most frequently, the world of social media encompasses so much more. Through readings, guest speakers, case presentations and first-hand exposure to social media technologies, this interactive course will provide a unique opportunity to understand how social media is fundamentally changing the way companies operate. More specifically, students will learn how people - as individuals or organizations - can strategically use social media tools to engage their audience in new and exciting ways.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Marketing*

## **MKTG 670 - Ethical Issues in Marketing**

# **MKTG 670 - Ethical Issues in Marketing**

### **3 Credit Hours**

Current developments in marketing as related to social issues: consumerism, social responsibility, ethical issues, and governmental roles.

**Prerequisites:** MKTG550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Marketing*

## **MKTG 680 - Intro Data Mining for Managers**

# **MKTG 680 - Intro Data Mining for Managers**

### **3 Credit Hours**

This introductory course will familiarize students with popular data mining methods for extracting knowledge from data. Principles of data mining will be presented and discussed while students acquire hands-on experience using state-of-the-art data mining software. The course will be delivered from both a technological view and a marketing/management view. Topics and related methods discussed in the class include: data mining processes and knowledge discovery, database support to data mining, associations, classifications and prediction, clustering, recommendation systems and developing issues in data mining.

**Prerequisites:** STAT500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Marketing*

## **MKTG 695 - Individual Readings & Research**

# MKTG 695 - Individual Readings & Research

## 2 - 3 Credit Hours

Open to especially qualified students with the consent of the chair of the appropriate department and dean.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Marketing*

## MKTG 750 - Marketing Strategy

# MKTG 750 - Marketing Strategy

## 3 Credit Hours

This course will serve as an EMBA Phase 2 application-oriented primer to the marketing management function and role of marketing as a set of processes used by organizations for creating, communicating, and delivering customer value. Students will learn how market-driven companies guide their strategies based on a shared understanding of markets and competition. Also, students will have an opportunity to practice analytical skills by applying marketing concepts and frameworks to selected marketing cases.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** MBA Executive

**Levels:** Graduate

*Williams College of Business Marketing*

## MKTG 751 - Marketing Strategy

# MKTG 751 - Marketing Strategy

## 3 Credit Hours

Good marketing strategy is performance-based and the primary goal of marketing is to generate profits through products and services that satisfy customer needs. Performance-based marketing strategy is intuitively easy but deceptively difficult. While it is easy to describe in some detail the marketing strategies of companies, the analysis that is needed for sound marketing strategies is much more difficult. This Phase 3 course provides a senior management level analysis of the major issues in the marketing management function. Class discussions are used to provide an understanding how companies deliver superior customer value and profitability. Students will have an opportunity to develop strategy analysis and planning skills by applying concepts and methods in case analysis of a variety of U.S. and multinational companies.

**Prerequisites:** MKTG750

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Marketing*

## MKTG 801 - Marketing Concepts

# MKTG 801 - Marketing Concepts

## 2 Credit Hours

Marketing involves changes. The activities involved in marketing products, services, and ideas are examined within a framework of customer management are explored. Topics include global marketing environment, market analysis and segmentation, consumer behavior, product development and management, pricing, promotion, and distribution. Marketing is examined from its role as a central function of business and non-profit organizations, and from its dominant role in a market economy.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

## **MOCT 501 - Creative & Sys Inquiry II**

# **MOCT 501 - Creative & Sys Inquiry II**

### **3 Credit Hours**

Overview of design and methodology related to quantitative research. Includes grant writing, ethical approval of projects and evidence-based practice. Culminates in the writing of proposal for graduate research project.

**Co-requisites:** MOCT502, MOCT503, MOCT505, MOCT507, MOCT609

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **MOCT 502 - Creative & Systematic Inquiry**

# **MOCT 502 - Creative & Systematic Inquiry**

### **1 Credit Hours**

Graduate seminar designed to produce documents for initial stages of graduate research project in MOCT 501 (i.e. completion of research project prospectus, proposal, and IRB protocol) in collaboration with faculty tutor. Effective group functioning and documentation of research process is also promoted.

**Co-requisites:** MOCT501, MOCT503, MOCT505, MOCT507, MOCT609

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **MOCT 503 - Tech for Life Participation II**

# **MOCT 503 - Tech for Life Participation II**

### **2 Credit Hours**

Examines the influence of environmental and contextual factors on occupational performance. Describes impact of legislation and public policy on architectural, physical and attitudinal barriers to participation. Reviews service delivery models in occupational therapy including assessment and modification of the environment and application of accommodations to enhance work, home and community participation. Applies principles of universal design, accessible design, and ergonomics. Includes introduction to vocational and industrial rehabilitation.

**Co-requisites:** MOCT501, MOCT502, MOCT505, MOCT507, MOCT609

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **MOCT 505 - Techniques & Tools for OCH Pr**

# **MOCT 505 - Techniques & Tools for OCH Pr**

**3 Credit Hours**

Introduction to professional and technical knowledge and skills for practice. Overview of occupational therapy process and therapeutic tools for practice: therapeutic use of self; teaching-learning process; measurement tools. Includes review of documentation and ethical ramifications and pertinent evidence in literature.

**Co-requisites:** MOCT501, MOCT502, MOCT503, MOCT507, MOCT609

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

**MOCT 507 - Professional Issues I**

# MOCT 507 - Professional Issues I

**2 Credit Hours**

Overview of state, national, and international professional organizations and regulatory authorities; select AOTA official documents; and principles of professional behavior. Emphasis on intraprofessional codes of ethics. Includes development of ethical reasoning.

**Co-requisites:** MOCT501, MOCT502, MOCT503, MOCT505, MOCT609

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

**MOCT 601 - Graduate Research Project I**

# MOCT 601 - Graduate Research Project I

**2 Credit Hours**

Implementation of approved research proposal with data gathering according to professional and ethical standards. Continuation of reflective process. Includes initial writing of the final paper.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT609 Minimum grade of C

**Co-requisites:** MOCT603, MOCT605, MOCT607, MOCT611

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

**MOCT 603 - Domns&Proc I:Birth-Early Adult**

# MOCT 603 - Domns&Proc I:Birth-Early Adult

**6 Credit Hours**

Combination lecture and lab; covers scope of occupational therapy process according to Occupational Therapy Practice Framework from birth through young adult age group at individual, group, community, and society levels. Content includes evaluation of occupational performance and interventions for health promotion, prevention, and remediation. Clinical reasoning and evidence based practice are used throughout.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT609 Minimum grade of C

**Co-requisites:** MOCT601, MOCT605, MOCT607, MOCT611

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Course Attributes:** Service Learning

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

### **MOCT 605 - Adapt&Tech for Occ Partic I**

## **MOCT 605 - Adapt&Tech for Occ Partic I**

#### **2 Credit Hours**

Introduces assistive technology practice in occupational therapy and provides overview of technology and adaptations to facilitate occupational performance for birth-young adult population related to productivity, restoration, and relaxation. Includes service delivery models, scope of practice, funding strategies, documentation and public policies influencing the acquisition and ethical use of assistive technologies. Emphasis on client centered and occupation based intervention principles.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT609 Minimum grade of C

**Co-requisites:** MOCT601, MOCT603, MOCT607, MOCT611

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

### **MOCT 607 - Level I Fieldwork:Domns&Proc**

## **MOCT 607 - Level I Fieldwork:Domns&Proc**

#### **1 Credit Hours**

Student assigned to practice site reflective of birth-young adult age group for a minimum of 70 hours during semester. Includes seminar to discuss settings and service delivery, inter- and intra-disciplinary team relationships, referral to specialists and relevant ethical issues. Supervisory relationships explored, professional behavior developed and self-reflection continues.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT609 Minimum grade of C

**Co-requisites:** MOCT601, MOCT603, MOCT605, MOCT611

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

### **MOCT 609 - Theoretical Found&Clin Reason**

## **MOCT 609 - Theoretical Found&Clin Reason**

#### **3 Credit Hours**

Overview of how theory is developed and importance of theoretical foundation in occupational therapy practice. Reviews current major theoretical foundations and frames of reference across the lifespan. Emphasis on clinical reasoning for decision making in practice.

**Co-requisites:** MOCT501, MOCT502, MOCT503, MOCT505, MOCT507

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

## MOCT 611 - Professional Issues II

# MOCT 611 - Professional Issues II

### 3 Credit Hours

Administrative, managerial, leadership, and supervisory realms of OT practice reviewed including relevant ethical ramifications. Includes program planning and evaluation; supervisory roles and responsibilities; marketing and advocacy strategies; reimbursement and documentation; and policy of various service delivery models and the resultant influence on community and on occupational therapy practice. Overview of federal, state and local policy influencing practice.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT609 Minimum grade of C

**Co-requisites:** MOCT601, MOCT603, MOCT605, MOCT607

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

## MOCT 631 - Graduate Research Project II

# MOCT 631 - Graduate Research Project II

### 2 Credit Hours

Culmination of graduate research project. Student analyzes and interprets data and writes final paper according to professional standards. Paper is disseminated via oral presentation and poster presentation.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT601 Minimum grade of C and Graduate level MOCT603 Minimum grade of C and Graduate level MOCT605 Minimum grade of C and Graduate level MOCT607 Minimum grade of C and Graduate level MOCT609 Minimum grade of C and Graduate level MOCT611 Minimum grade of C

**Co-requisites:** MOCT633, MOCT635, MOCT637, MOCT641

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

## MOCT 633 - Dom & Proc II: Ear Ad Through

# MOCT 633 - Dom & Proc II: Ear Ad Through

### 6 Credit Hours

Combination lecture and lab; covers scope of OT process according to Occupational Therapy Practice Framework for young adult through elderly age group at individual, group, community, and society levels. Content includes evaluation of occupational performance and interventions for health promotion, prevention, and remediation. Clinical reasoning and evidence-based practice are used throughout.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT601 Minimum grade of C and Graduate level MOCT603 Minimum grade of C and Graduate level MOCT605 Minimum grade of C and Graduate level MOCT607 Minimum grade of C and Graduate level MOCT609 Minimum grade of C and Graduate level MOCT611 Minimum grade of C

**Co-requisites:** MOCT631, MOCT635, MOCT637, MOCT641

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate



## MOCT 635 - Adapt & Tech for Occ Part II

# MOCT 635 - Adapt & Tech for Occ Part II

### 2 Credit Hours

Overview of assistive technology and adaptations to facilitate occupational performance for young adult through elderly population related to productivity, restoration, and relaxation. Includes ethical issues, legislation, and advocacy. Emphasis on client-centered and occupation-based intervention principles.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT601 Minimum grade of C and Graduate level MOCT603 Minimum grade of C and Graduate level MOCT605 Minimum grade of C and Graduate level MOCT607 Minimum grade of C and Graduate level MOCT609 Minimum grade of C and Graduate level MOCT611 Minimum grade of C

**Co-requisites:** MOCT631, MOCT633, MOCT637, MOCT641

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

## MOCT 637 - Level I Fieldwork: Dom & Proc

# MOCT 637 - Level I Fieldwork: Dom & Proc

### 1 Credit Hours

Student assigned to practice site reflective of young adult-elderly age group for a minimum of 70 hours during semester. Includes seminar to discuss settings and service delivery, inter- and intra-disciplinary team relationships, referral to specialists, and relevant ethical issues. Supervisory relationships explored, professional behavior developed, and self-reflection continues.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT601 Minimum grade of C and Graduate level MOCT603 Minimum grade of C and Graduate level MOCT605 Minimum grade of C and Graduate level MOCT607 Minimum grade of C and Graduate level MOCT609 Minimum grade of C and Graduate level MOCT611 Minimum grade of C

**Co-requisites:** MOCT631, MOCT633, MOCT635, MOCT641

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

## MOCT 641 - Professional Issues III

# MOCT 641 - Professional Issues III

### 2 Credit Hours

Evolution of emerging models of health care delivery systems and OT practice settings addressed. Includes entrepreneurship to promote development of OT practice at settings in need and advocacy and marketing to affect change at state, national, and international levels. Review of requirements for professional credentialing at national and state levels. Overview of applied ethics.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT601 Minimum grade of C and Graduate level MOCT603 Minimum grade of C and Graduate level MOCT605 Minimum grade of C and Graduate level MOCT607 Minimum grade of C and Graduate level MOCT609 Minimum grade of C and Graduate level MOCT611 Minimum grade of C

**Co-requisites:** MOCT631, MOCT633, MOCT635, MOCT637

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **MOCT 691 - Level II Fieldwork**

# **MOCT 691 - Level II Fieldwork**

### **3 Credit Hours**

Student assigned to a practice facility for a three month time period and functions as an intern on a full time basis under the supervision of a fully credentialed occupational therapist. Student must have successfully completed all MOCT courses with a minimum cumulative GPA of 3.000 and have permission of department chair.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT601 Minimum grade of C and Graduate level MOCT603 Minimum grade of C and Graduate level MOCT605 Minimum grade of C and Graduate level MOCT607 Minimum grade of C and Graduate level MOCT609 Minimum grade of C and Graduate level MOCT611 Minimum grade of C and Graduate level MOCT631 Minimum grade of C and Graduate level MOCT633 Minimum grade of C and Graduate level MOCT635 Minimum grade of C and Graduate level MOCT637 Minimum grade of C and Graduate level MOCT641 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **MOCT 692 - Level II Fieldwork**

# **MOCT 692 - Level II Fieldwork**

### **3 Credit Hours**

Student assigned to a practice facility for a three month time period and functions as an intern on a full time basis under the supervision of a fully credentialed occupational therapist. Student must have successfully completed all MOCT courses with minimum cumulative GPA of 3.000 and have permission of department chair.

**Prerequisites:** Graduate level MOCT501 Minimum grade of C and Graduate level MOCT502 Minimum grade of C and Graduate level MOCT503 Minimum grade of C and Graduate level MOCT505 Minimum grade of C and Graduate level MOCT507 Minimum grade of C and Graduate level MOCT601 Minimum grade of C and Graduate level MOCT603 Minimum grade of C and Graduate level MOCT605 Minimum grade of C and Graduate level MOCT607 Minimum grade of C and Graduate level MOCT609 Minimum grade of C and Graduate level MOCT611 Minimum grade of C and Graduate level MOCT631 Minimum grade of C and Graduate level MOCT633 Minimum grade of C and Graduate level MOCT635 Minimum grade of C and Graduate level MOCT637 Minimum grade of C and Graduate level MOCT641 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **MOCT 779 - Applied Interprofessional Coll**

# **MOCT 779 - Applied Interprofessional Coll**

### **1 Credit Hours**

Interprofessional care recognizes a culture of respect, concisely clear communication, interdependent care for client-centered outcomes, and integration of services through shared decision making. This course will provide students with an opportunity to practice across disciplines in teams to meet the needs of individuals, families and the community.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## MSCA 602 - Marketing Research

# MSCA 602 - Marketing Research

### 3 Credit Hours

Methods and techniques of marketing research; its use as a tool of management; cases in marketing research.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## MSCA 605 - Applied Multivariate Analysis

# MSCA 605 - Applied Multivariate Analysis

### 3 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## MSCA 610 - Analytics Practicum

# MSCA 610 - Analytics Practicum

### 3 Credit Hours

The Analytics Practicum for the Master of Science in Customer Analytics Program is the required capstone course for our Candidates. The coursework and applications are in partnership with the business community to solve for relevant project objectives that utilize real data and leverage Statistical and Desktop applications

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## MSCA 640 - Consumer-Centric Category Mgmt

# MSCA 640 - Consumer-Centric Category Mgmt

### 3 Credit Hours

Category Management is a discipline that maximizes the partnership between a retailer and manufacturer. Numerous consumer insights metrics and their use in the sales and marketing processes are examined. A large online consumer panel is utilized to reinforce classroom instruction and provide for consumer understanding in launching a new product.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

## MSCA 660 - Statistical Programming

# MSCA 660 - Statistical Programming

**3 Credit Hours**

This course is intended to bring together the lessons learned in STAT 500 and build upon them using a statistical programming interface. In addition to learning and applying statistical functions, students will be introduced to data cleaning, manipulation, and harvesting using a variety of sources including structured tables, APIs and unstructured web scraping.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

**MSCA 664 - Consumer Behavior Theory**

# MSCA 664 - Consumer Behavior Theory

**3 Credit Hours**

Evaluation of research findings from behavioral sciences and other disciplines. Relationship to marketing.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

**MSCA 665 - Business Analytics for Mgrs**

# MSCA 665 - Business Analytics for Mgrs

**3 Credit Hours**

0

**Prerequisites:** MSCA660

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

**MSCA 674 - Database Management**

# MSCA 674 - Database Management

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

**MSCA 680 - Intro Data Mining for Managers**

# MSCA 680 - Intro Data Mining for Managers

**3 Credit Hours**

This introductory course will familiarize students with popular data mining methods for extracting knowledge from data. Principles of data mining will be presented and discussed while students acquire hands-on experience using state-of-the-art data mining software. The course will be delivered from both a technological view and a marketing/management view. Topics and related methods discussed in the class include: data mining processes and knowledge discovery, database support to data mining,

associations, classifications and prediction, clustering, recommendation systems and developing issues in data mining.

**Prerequisites:** MSCA660

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

**MSCA 689 - Data Visualization**

## MSCA 689 - Data Visualization

### 3 Credit Hours

"We live in a data-rich world in which seemingly simple visualizations represent complex realities. Data has the potential to inform decision-making and influence public or corporate policy, and when visualized with appropriate context, data has the power to be an impetus for change in the world. In this hands-on introduction to data visualization, key design principles and techniques for interactively visualizing data will be introduced. The major goals of this course are to understand how visual representations can help in the analysis and understanding of complex data, how to design effective visualizations, how to create interactive dashboards & visualizations and how to storyboard and effectively communicate using visualization. By the end of the semester, students will be able to use visualization to discover insights in data. Students will be able to choose appropriate visualizations to perform exploratory analysis and investigate data, and create explanatory visualizations to communicate findings. To do this, students will leverage knowledge of a collection of different visualization techniques along with understanding of how to appropriately apply them and optimize their appearance for clarity and integrity"

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Customer Analytics

**Levels:** Graduate

*Williams College of Business Business Analytics & Info Syst*

**MUSC 100 - Basic Music Theory**

## MUSC 100 - Basic Music Theory

### 3 Credit Hours

Introduction to the rudiments of music theory for non-music majors including basic theoretical aspects of music such as notation of pitch, rhythm, scales, etc. Also emphasizes relationship between theoretical concepts and musical context. Credits may not be applied toward a music major. Course includes how to write simple folk, pop and blues songs.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 101 - Basic Jazz Preparation**

## MUSC 101 - Basic Jazz Preparation

### 2 Credit Hours

The preliminary study of basic jazz theory and practices as well as the analysis, study and exercise of scales, chords, and harmonic usage.

**Course Attributes:** Africana Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 102 - The Beatles in Context**

## MUSC 102 - The Beatles in Context

**3 Credit Hours**

This course examines the music of The Beatles in the stylistic and cultural context of the late 1950s and 1960s. In addition to tracing the band's evolution through songs, films, and documentaries, we investigate the styles that influenced them (such as Rock & Roll, Brill Building Pop, Motown, and Psychedelic Rock) and the artists who inspired and/or competed with them (such as Elvis, The Rolling Stones, Bob Dylan, and The Beach Boys).

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 105 - Hip Hop: Music and Culture**

# MUSC 105 - Hip Hop: Music and Culture

**3 Credit Hours**

The rise of Hip-Hop over the last 40 years is one of the most significant developments in popular music since the emergence of Rock & Roll. This course will examine this often controversial music by defining its key musical characteristics, tracing its history from its origins in the Bronx in the 1970s to contemporary rappers and Hip-Hop's international status and influence. Besides surveying artists, albums, and songs, we will also explore issues such as the representation of gender and sexuality in lyrics and videos, racial identity, urban gang culture, intersections between music and politics, and Hip-Hop's representation in media outlets such as mainstream news, MTV, and BET.

**Course Attributes:** Africana Studies Minor, Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 106 - Music In Film**

# MUSC 106 - Music In Film

**3 Credit Hours**

This course traces the history of music in film from silent films to contemporary cinema. Students will learn key vocabulary for describing the use of sound in film and how genres and styles in music relate to corresponding scenes on the silver screen. A recurring theme will be the ways in which songs are used to enhance, comment on, negate, or distract from meaning in cinematic narratives.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 108 - Music Love & Death: The Earth**

# MUSC 108 - Music Love & Death: The Earth

**3 Credit Hours**

This course studies American and European music with additional material taken from around the world and mostly of a current nature. The focus is upon the intersection of the human experience of love and death as recorded in music. The student studies popular music from many countries, classical music, contemporary art music, and ancient music, the texts of the music, the social structure that that music was created in, and finally the morals that sit behind the music are all investigated and critiqued. This course fulfills the undergraduate fine arts core requirement and the fourth E/RS course requirement of the core curriculum.

**Course Attributes:** Creative Perspectives, Environ Science/Studies Elect, ERS Focus Elective

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 109 - Music, War and Peace**

# MUSC 109 - Music, War and Peace

**3 Credit Hours**

A study of select historical moments from primarily European and American culture as viewed through the lens of music about war and peace. A limited number of international musical excerpts and readings are also included. Musical selections range from antiquity to the present and include serious art music and popular art music of an era. Students critically evaluate the historical record, philosophical attitudes and values embedded in the society about war and peace as presented by the musical works. This course is managed as a seminar that meets the fine arts core requirement.

**Course Attributes:** Creative Perspectives, ERS Focus Elective

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 110 - World Music**

# MUSC 110 - World Music

**3 Credit Hours**

This course explores music as it exists in many cultures, including Africa, India and Latin America. Emphasis is on traditional and popular music.

**Course Attributes:** Creative Perspectives, Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 111 - Music: The Art of Listening**

# MUSC 111 - Music: The Art of Listening

**3 Credit Hours**

This course helps the student listen to music more perceptively through an understanding of its various elements. Beginning with the basic elements of music (rhythm, melody, harmony, instruments, texture, and form), it examines their use in various musical styles from the Middle Ages to the present day. The course focuses primarily on classical music but may include discussion of popular styles such as Blues, Jazz, Broadway, and Rock, and of music from non- Western cultures.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 112 - Music: Now!**

# MUSC 112 - Music: Now!

**3 Credit Hours**

This course surveys the wide variety of American vernacular music as experienced in contemporary popular culture. This includes the rich heritage of music from the past as well as music from the contemporary music scene (1840 to the present).

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 113 - American Popular Music**

# MUSC 113 - American Popular Music

**3 Credit Hours**

This course surveys American popular music from the nineteenth century to the present day. Beginning with the minstrel show and the songs of Stephen Foster, it traces the

development of dance music, Tin Pan Alley song, Ragtime, Blues, Jazz, Country, and R&B during the first half of the twentieth century, then covers the rise of Rock and Roll in the 1950s and a selection of later styles, such as Folk, British Invasion, Soul, Fun, Disco, Punk, Hip-Hop, and Latin music.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 114 - Jazz: American Creative Music**

## MUSC 114 - Jazz: American Creative Music

**3 Credit Hours**

Study of the trends and styles, innovators and influential pioneers, and the evolution of the Jazz idiom in the 20th century.

**Course Attributes:** Africana Studies Minor, Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 115 - African-American Music**

## MUSC 115 - African-American Music

**3 Credit Hours**

Survey of Black music styles from the 17th to 20th century; emphasis on African roots of this tradition and historical and socio-cultural contexts that give birth to a Black music tradition.

**Course Attributes:** Africana Studies Minor, Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 116 - Women in Music**

## MUSC 116 - Women in Music

**3 Credit Hours**

Historical survey of music by or involving women from medieval period to the present. Emphasis on women composers, but includes women as performers, teachers, patrons, and in the jazz and pop fields.

**Course Attributes:** Creative Perspectives, Diversity Flag, Gender & Diversity Studies, GDST Women and Gender Conc

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 117 - History of Rock**

## MUSC 117 - History of Rock

**3 Credit Hours**

Defining Rock broadly as a family of styles, the course presents an overview of rock/pop styles from the 1950s to the present. Beginning with Blues, R&B, and Rock & Roll, we will survey (among others) Motown, Soul, British Invasion, Folk Rock, Psychedelic Rock, Progressive Rock, Punk, Metal, Funk, Disco, Reggae, Hip-Hop, Grunge, and Alternative. While the focus will be on the musical styles themselves (i. e., what makes up their "sound"), we will situate the styles within their historical, social, and cultural context by addressing issues such as race, class conflict, gender roles, and artistry vs. commerce.

**Course Attributes:** Creative Perspectives, Diversity Flag



**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 118 - Heavy Metal: Music and Culture**

# **MUSC 118 - Heavy Metal: Music and Culture**

#### **3 Credit Hours**

Now over 40 years old, Heavy Metal continues to reflect the hopes and fears of its audience - especially its fears - and has sparked more controversy and heated debate than any other genre. We will examine the music itself along with its cultural context; issues such as the impact of music on its listeners, censorship and freedom of expression, the role of women (as fans, artists, and objects of misogyny), sexual liberation, fear of nuclear holocaust, and witchcraft/Satanism will figure prominently. We will examine Metal's emergence around 1970 in bands such as Black Sabbath, Led Zeppelin and Deep Purple, then study styles and issues from the 70's to the present. Bands covered include Judas Priest, Scorpions, Kiss, Iron Maiden, Venom, Motley Crue, Anthrax, Cannibal Corpse and Cradle of Filth.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 121 - Intro To Music Literature I**

# **MUSC 121 - Intro To Music Literature I**

#### **.5 Credit Hours**

This course surveys the history of Western classical music at an introductory level. For each class meeting students do assigned reading and class time is spent listening to and discussing music with the aid of recordings and scores. This course is limited to freshman music majors.

**Restrictions:** Must be enrolled in one of the following Majors: Music Must be enrolled in one of the following Classifications: Freshman

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 122 - Intro To Music Literature II**

# **MUSC 122 - Intro To Music Literature II**

#### **.5 Credit Hours**

This course surveys the history of Western classical music at an introductory level. For each class meeting students do assigned reading and class time is spent listening to and discussing music with the aid of recordings and scores. This course is limited to freshman music majors.

**Restrictions:** Must be enrolled in one of the following Majors: Music Must be enrolled in one of the following Classifications: Freshman

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 125 - Choral Sight Reading**

# **MUSC 125 - Choral Sight Reading**

#### **.5 Credit Hours**

This course is designed to improve musical skills in the areas of basic music notation, rhythm, ear training and sight-singing at the beginning/intermediate level for non-music majors enrolled in one of the Xavier University choral ensembles.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 127 - Electronic Music**

# MUSC 127 - Electronic Music

**3 Credit Hours**

Introduction to hardware and software related to electronic music production, with a focus on music sequencing, digital recording and printing.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 140 - 50 Years of the Beatles**

# MUSC 140 - 50 Years of the Beatles

**3 Credit Hours**

This course explores the social context, music, and continuing legacy of the Beatles. We will investigate their world and its surrounding events, the manner in which their music and persona both reflected and affected the social culture of the time, and their contributions to songwriting and use of the recording studio.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 149 - Pep Band Percussion Ensemble**

# MUSC 149 - Pep Band Percussion Ensemble

**1 Credit Hours**

This course will provide a drum line to the Pep Band for athletic events.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 150 - Class Piano I**

# MUSC 150 - Class Piano I

**1 Credit Hours**

Group instruction in basic piano techniques.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 151 - Class Voice**

# MUSC 151 - Class Voice

## **1 Credit Hours**

Group instruction in the basic techniques of voice production.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 152 - Class Guitar**

# MUSC 152 - Class Guitar

## **1 Credit Hours**

Group instruction in the basic guitar techniques.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 199 - Recital Attendance**

# MUSC 199 - Recital Attendance

## **0 Credit Hours**

This course tracks attendance at recitals or other music events for music majors and minors. Taken at least 6 semesters by majors, 3 semesters by minors.

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 200 - Music Theory I**

# MUSC 200 - Music Theory I

## **3 Credit Hours**

Study of elements of musical organization; four-part harmonization and analysis.

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Music Music Education Music Performance Music Studies Performance

**Course Attributes:** Creative Perspectives, Quantitative Reason Flag Full

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 201 - Aural Skills I**

# MUSC 201 - Aural Skills I

## **1 Credit Hours**

Course is designed to develop the ability to read at sight diatonic progressions, and to identify and notate intervals, scale degrees, tonal relationships and simple rhythms. The course utilizes computer assisted drills.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 202 - Music Theory II**

# **MUSC 202 - Music Theory II**

### **3 Credit Hours**

Continuation of MUSC 200.

**Prerequisites:** Undergraduate level MUSC200 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 203 - Aural Skills II**

# **MUSC 203 - Aural Skills II**

### **1 Credit Hours**

Continuation of MUSC 201.

**Prerequisites:** Undergraduate level MUSC201 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 204 - Jazz Theory I**

# **MUSC 204 - Jazz Theory I**

### **2 Credit Hours**

The advanced study of Jazz styles and techniques in both writing and improvisation with emphasis on analysis, form, history and repertoire.

**Prerequisites:** Undergraduate level MUSC101 Minimum grade of D or Undergraduate level MUSC206 Minimum grade of D or Undergraduate level MUSC306 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 205 - Jazz Theory II**

# **MUSC 205 - Jazz Theory II**

### **2 Credit Hours**

Continuation of MUSC 204.

**Prerequisites:** Undergraduate level MUSC204 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 206 - Techniques of Jazz Improvisati**

## **MUSC 206 - Techniques of Jazz Improvisati**

#### **2 Credit Hours**

The presentation, examination, practice and exercise of techniques and methods utilized and applied in the execution and performance of improvisational jazz. Includes a summary of theory, form and styles.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 208 - Keyboard Skills I**

## **MUSC 208 - Keyboard Skills I**

#### **1 Credit Hours**

The first in a sequence of courses for music majors. Skills learned include elementary scales, arpeggios, triads, chord progressions, and solo repertoire as well as sight-reading, accompaniment, harmonization, transposition, and improvisation.

**Restrictions:** Must be enrolled in one of the following Majors: Music Education Music

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 209 - Keyboard Skills II**

## **MUSC 209 - Keyboard Skills II**

#### **1 Credit Hours**

The second in a sequence of courses for music majors. Skills learned include intermediate scales, arpeggios, chord progressions, and solo repertoire as well as sight-reading, accompaniment, harmonization, transposition, and improvisation.

**Prerequisites:** Undergraduate level MUSC208 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Music Education Music

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 210 - Music History I**

## **MUSC 210 - Music History I**

#### **3 Credit Hours**

This course traces the path of Western classical music from antiquity to the end of the Baroque era around 1750, situating the music in its historical and cultural context. The main objectives of the survey include acquiring the basic facts of music history, understanding its terminology, and identifying the stylistic traits that characterize the various eras,

genres, nations, and composers.

**Prerequisites:** MUSC200

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Music Music Education Performance

**Course Attributes:** Creative Perspectives, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 211 - Music History II**

# **MUSC 211 - Music History II**

#### **3 Credit Hours**

A continuation of Music History I, this course traces the path of Western Classical music from the early Classical period to the present, situating the music in its historical and cultural context. The main objectives of the survey include acquiring the basic facts of music history, understanding its terminology, and identifying the stylistic traits that characterize the various eras, genres, nations and composers.

**Prerequisites:** MUSC210

**Course Attributes:** Creative Perspectives, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 221 - Elementary Methods**

# **MUSC 221 - Elementary Methods**

#### **3 Credit Hours**

For music majors or with permission of instructor.

**Restrictions:** Must be enrolled in one of the following Majors: Music Education

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 223 - IPA / Lyric Diction**

# **MUSC 223 - IPA / Lyric Diction**

#### **2 Credit Hours**

This course is constructed to provide the student with a basic understanding of the vocal apparatus, a basic understanding of phonetics as it applies to singing, a basic understanding of the IPA-both reading and transcribing. This course will help the student develop the critical listening skills necessary for accurate diction. Cultivating proficiency in lyric diction will help the student sing accurately, idiomatically and expressively in English, Italian, German and French, and provide the fundamental tools for approaching repertoire in other languages.

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 251 - Class Piano II**

# **MUSC 251 - Class Piano II**

#### **1 Credit Hours**

Continuation of Class Piano (MUSC 150), offering group instruction in more advanced piano techniques.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 252 - Advanced Class Guitar**

## MUSC 252 - Advanced Class Guitar

**1 Credit Hours**

Group instruction in guitar techniques for the more experienced guitar student.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 259 - XU Men's Chorus**

## MUSC 259 - XU Men's Chorus

**1 Credit Hours**

The Xavier University Men's Chorus is designed to be a rewarding challenge for both music majors and non-music majors. The class will consist of weekly rehearsals where everyone's attendance is not just mandatory, but necessary for the success of the ensemble. Most importantly, this class is designed to be a fun musical outlet, which will also expose participants to the fundamentals of choral singing and will open doors to new artistic endeavors.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 260 - Concert Choir**

## MUSC 260 - Concert Choir

**1 Credit Hours**

The Concert Choir performs four on-campus concerts per year. In addition, the ensemble tours annually and regularly appears in concert with Cincinnati Pops Orchestra, Cincinnati Baroque Orchestra and in combination with local high schools for a bi-annual high school choral festival. By audition only.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 261 - XU Women's Chorus**

## MUSC 261 - XU Women's Chorus

**1 Credit Hours**

The Xavier University Women's chorus is designed to be a rewarding challenge for both music majors and non-music majors. The class will consist of weekly rehearsals where everyone's attendance is not just mandatory, but necessary for the success of the ensemble. Most importantly, this class is designed to be a fun musical outlet, which will also expose participants to the fundamentals of choral singing and will open doors to new artistic endeavors.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 263 - Edgecliff Vocal Ensemble**

## **MUSC 263 - Edgecliff Vocal Ensemble**

**1 Credit Hours**

By audition only-must be in Concert Choir to participate.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 265 - Symphonic Wind Ensemble**

## **MUSC 265 - Symphonic Wind Ensemble**

**1 Credit Hours**

The select ensemble performs a wide array of traditional and contemporary literature including the music of Eric Whitacre, Jack Stamp, Krzysztof Penderecki, Aulos Sallinen, David Maslanka, and Ivan Tcherepnin. Past tours have taken the students to such cities as Boston, Chicago, New York, Toronto, and Washington, D.C.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 266 - Chamber Music**

## **MUSC 266 - Chamber Music**

**1 Credit Hours**

Chamber Music provides students opportunities to form small ensembles using any combination of instruments, including strings, winds, and percussion, as well as contemporary electric or electronic instruments. Through the course of the semester, students learn to work effectively in a chamber setting by rehearsing independently and with a faculty coach. In addition to performing on campus, the design and execution of an outreach performance serves as an experiential course component.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 267 - Percussion Ensemble**

## **MUSC 267 - Percussion Ensemble**

**1 Credit Hours**

Performs modern literature as well as arrangements of classical repertoire. The group is open to all students by permission of the instructor.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 268 - Guitar Ensemble**



# MUSC 268 - Guitar Ensemble

## **1 Credit Hours**

Study and performance of music for guitar ensemble from all style periods. Participation with consent of director.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 269 - String Quartet**

# MUSC 269 - String Quartet

## **1 Credit Hours**

Small ensembles of various instrumental combinations ranging from two to five players. Performance of standard chamber music literature. Participation with consent of instructor.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 270 - Chamber Orchestra**

# MUSC 270 - Chamber Orchestra

## **1 Credit Hours**

The orchestra performs works from the Baroque to the 20th century for strings and other instruments. The orchestra presents concerts each semester, frequently in conjunction with the concert choir.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 271 - Jazz Orchestra**

# MUSC 271 - Jazz Orchestra

## **1 Credit Hours**

Performing all the jazz, funk, rock, and fusion that's fit to play and fun to hear, the jazz ensemble is an elite and contemporary studio jazz band whose repertoire includes custom arrangements and originals from all periods of the jazz spectrum. Appearing at jazz festivals, jazz clubs and other choice venues throughout the Midwest, the jazz ensemble plays authentic jazz for inspired and spirited audiences wherever they perform.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## **MUSC 272 - Pep Band**

# MUSC 272 - Pep Band

**1 Credit Hours**

The student will learn to rehearse, and perform in a 'professional' manner by taking individual responsibility to properly learn his or her part. Students are required to perform at all assigned games.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 273 - Brass Ensemble**

# MUSC 273 - Brass Ensemble

**1 Credit Hours**

The ensemble performs music from the Renaissance period through the Twentieth Century on several programs each semester. It is open to all students by audition.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 275 - Handbell Ensemble**

# MUSC 275 - Handbell Ensemble

**.5 Credit Hours**

Participants will learn basic handbell ringing techniques as well as strengthen their sightreading and musicianship skills through independent part reading. The ensemble aims to participate in concerts and worship services sponsored by the University throughout the semester. Ability to read music preferred, but not required. Open to all Xavier students, faculty and staff.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 277 - Private Lesson: Rap**

# MUSC 277 - Private Lesson: Rap

**.5 - 1 Credit Hours**

Intended for all skill levels, private lessons in Rap focus on the rhythm of words to give them life through music. Hip-Hop is the culture and rap its language, and this is where you learn to speak it. Note that additional fees apply: weekly half-hour lessons (section 1) are \$300 while full-hour lessons (section 2) are \$600 for the semester.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 278 - Private Lesson: Composition**

# MUSC 278 - Private Lesson: Composition

**.5 - 2 Credit Hours**

Students begin by studying and creating simple musical works in styles that they have some degree of familiarity with. Works for one or two performers and standard instrumentation and voice categories are studied and applied to the new development of the "creative voice within the individual" and encourages the student to continually develop skills in harmony, melody, rhythm and timbre that will enable that voice to be realized in a written composition and live performance. More advanced students will write

for more performers and in varied styles and more varied instrumentation and voices. All students are encouraged to experiment and venture into new areas. It is the creation and recreation (musical score or performance) that is emphasized, not just the discovery of new ideas. Students that wish to pursue traditional avenues of musical composition are expected to develop a high degree of craft. The course is open to music majors, music minors, and talented students of music. Majors or Minors only.

**Restrictions:** Must be enrolled in one of the following Majors: Music Education Music

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 279 - Private Lesson: Songwriting**

## **MUSC 279 - Private Lesson: Songwriting**

#### **.5 - 1 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music*

### **MUSC 280 - Private Lesson: Piano**

## **MUSC 280 - Private Lesson: Piano**

#### **.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 281 - Private Lesson: Organ**

## **MUSC 281 - Private Lesson: Organ**

#### **.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 282 - Private Lesson: Voice**

## **MUSC 282 - Private Lesson: Voice**

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 283 - Private Lesson: Guitar**

# MUSC 283 - Private Lesson: Guitar

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 284 - Private Lesson: Violin**

# MUSC 284 - Private Lesson: Violin

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 285 - Private Lesson: Viola**

# MUSC 285 - Private Lesson: Viola

**.5 - 1 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 286 - Private Lesson: Cello**

# MUSC 286 - Private Lesson: Cello

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 287 - Private Lesson: Double Bass**

# MUSC 287 - Private Lesson: Double Bass

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 288 - Private Lesson: Flute**

# MUSC 288 - Private Lesson: Flute

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 289 - Private Lesson: Oboe**

# MUSC 289 - Private Lesson: Oboe

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 290 - Private Lesson: Clarinet**

# MUSC 290 - Private Lesson: Clarinet

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 291 - Private Lesson: Saxophone**

# MUSC 291 - Private Lesson: Saxophone

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 292 - Private Lesson: Bassoon**

# MUSC 292 - Private Lesson: Bassoon

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 293 - Private Lesson: French Horn**

# MUSC 293 - Private Lesson: French Horn

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 294 - Private Lesson: Trumpet**

# MUSC 294 - Private Lesson: Trumpet

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 295 - Private Lesson: Trombone**

# MUSC 295 - Private Lesson: Trombone

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 296 - Private Lesson: Tuba**

# MUSC 296 - Private Lesson: Tuba

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 297 - Private Lesson: Percussion**

# MUSC 297 - Private Lesson: Percussion

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 298 - Private Lesson: Jazz Guitar/Vo**

# MUSC 298 - Private Lesson: Jazz Guitar/Vo

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 299 - Private Lesson: Harp**

# MUSC 299 - Private Lesson: Harp

**.5 - 2 Credit Hours**

All applied music instruction is offered both Fall and Spring semesters and meets the Fine Arts requirements with three semesters of 1 credit each. All students enrolled in Applied Music will be charged an additional fee per semester for private lessons. Students who wish to take a half hour lesson per week (.5 credit, \$300 for the semester) should register for the 01 section of the applied lesson. Students who wish to take a full hour lesson per week (1 credit, \$600 for the semester) should register for the 02 section.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 300 - Music Theory III**

# MUSC 300 - Music Theory III

**3 Credit Hours**

Continuation of MUSC 202 with special emphasis on harmonic developments during the Romantic period (chromaticism, altered chords).

**Prerequisites:** Undergraduate level MUSC202 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 301 - Aural Skills III**

# MUSC 301 - Aural Skills III

**1 Credit Hours**

Advanced sightsinging and ear-training material including sightsinging examples from the standard literature, four part harmonic dictation, and more complex examples of melodic and rhythmic dictation.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 302 - Music Theory IV**

# MUSC 302 - Music Theory IV

**3 Credit Hours**



Continuation of MUSC 300. Basic compositional techniques and analysis; twentieth-century harmonic vocabulary.

**Prerequisites:** Undergraduate level MUSC300 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 303 - Aural Skills IV**

# **MUSC 303 - Aural Skills IV**

#### **1 Credit Hours**

Continuation of MUSC 301.

**Prerequisites:** Undergraduate level MUSC301 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 305 - Producing Electronic Music II**

# **MUSC 305 - Producing Electronic Music II**

#### **3 Credit Hours**

Continuation of MUSC 304. Advanced studies in computer based composition, orchestration and synchronization of studio hardware/software for commercial music applications. Additional skills will be developed in computer music engraving, digital mixing and editing and master recording production.

**Prerequisites:** Undergraduate level MUSC304 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 306 - Tech Jazz Writing & Arranging**

# **MUSC 306 - Tech Jazz Writing & Arranging**

#### **2 Credit Hours**

The presentation, examination, practice and exercise of techniques and methods applied in the organization and creation of jazz writing and arranging.

**Prerequisites:** Undergraduate level MUSC101 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 307 - Jazz Improvisation Workshop**

# **MUSC 307 - Jazz Improvisation Workshop**

#### **2 Credit Hours**

An in-depth application of jazz improvisation styles to the live performance situation with an emphasis on accumulated repertoire.

**Prerequisites:** Undergraduate level MUSC101 Minimum grade of D or Undergraduate level MUSC206 Minimum grade of D

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 308 - Keyboard Skills III**

# **MUSC 308 - Keyboard Skills III**

#### **1 Credit Hours**

The third in a sequence of courses for music majors. Skills learned include intermediate to advanced scales, arpeggios, 7th-chords, and solo repertoire as well as sight-reading, score playing, accompaniment, harmonization, transposition, and improvisation.

**Prerequisites:** Undergraduate level MUSC209 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Music Education Music Performance

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 309 - Keyboard Skills IV**

# **MUSC 309 - Keyboard Skills IV**

#### **1 Credit Hours**

The fourth in a sequence of courses for music majors. Skills learned include advanced arpeggios, 7th-chords, and solo repertoire as well as sight-reading, score playing, accompaniment, harmonization, transposition, and improvisation.

**Prerequisites:** Undergraduate level MUSC308 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Music Education Music

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

### **MUSC 310 - Music History III: Seminar**

# **MUSC 310 - Music History III: Seminar**

#### **3 Credit Hours**

An extension of the 2 semester survey (MUSC 210, 211), this course aims to deepen the study of music history by using a series of mostly 20th century operas as a lens through which to address topics that have become central to the study of music during the past few decades, such as high vs. low art, gender and sexuality, emotion, and the canon. The seminar format emphasizes student contributions in the form of discussion of prepared readings, presentations and written work.

**Prerequisites:** MUSC211

**Restrictions:** Must be enrolled in one of the following Majors: Music Education Music

**Course Attributes:** Creative Perspectives, Oral Communication Flag, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 312 - Conducting I**

# MUSC 312 - Conducting I

**3 Credit Hours**

0

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 313 - Conducting II**

# MUSC 313 - Conducting II

**3 Credit Hours**

0

**Prerequisites:** MUSC312

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music*

**MUSC 314 - Technology for Music Educators**

# MUSC 314 - Technology for Music Educators

**3 Credit Hours**

In this course, students will learn to employ a variety of hardware and software tools for use in the classroom. They will become familiar with the basics of recording rehearsals and performances and learn how to set up a performance and run a sound board for a live musical group. The course will also introduce a variety of industry-standard software available to assist teachers and enrich student learning.

**Restrictions:** Must be enrolled in one of the following Majors: Music Education Music

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music*

**MUSC 319 - Music & Movement for Classroom Teachers**

# MUSC 319 - Music & Movement for Classroom Teachers

**1 Credit Hours**

This workshop is designed to integrate music and movement into the classroom connecting to all subjects through the arts. Multi-cultural interdisciplinary in structure and interactive. Class members create materials to use in the classroom to extend learning. This workshop is for arts teaching, movement and physical movement for all ages and special interests. A student and performer of the Dalcroze method will present the work of Dalcroze to develop mind and body coordination.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 320 - Instrumental Methods**

# MUSC 320 - Instrumental Methods

**3 Credit Hours**

Overview of role, and responsibility of music teacher. Vocal, instrumental, and general music education. (For music education majors only)

**Restrictions:** Must be enrolled in one of the following Majors: Music Education Music

**Course Attributes:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 321 - Choral Methods**

# MUSC 321 - Choral Methods

**3 Credit Hours**

Emphasis on instrumental and choral methods and materials. Practical guide for the music educator.

**Restrictions:** Must be enrolled in one of the following Majors: Music Education

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 340 - Music Production Workshop**

# MUSC 340 - Music Production Workshop

**1 Credit Hours**

An introduction to musical performance including body movement, vocal and dramatic projection, stagecraft and the musical and dramatic preparation and performance of a variety of musical styles. Permission of instructor required.

**Course Attributes:** Creative Perspectives, Musical Theatre Minor, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 341 - Opera Workshop II**

# MUSC 341 - Opera Workshop II

**1 - 3 Credit Hours**

Continuation of MUSC 340.

**Prerequisites:** Undergraduate level MUSC340 Minimum grade of D

**Course Attributes:** Creative Perspectives, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 342 - Studio Production**

# MUSC 342 - Studio Production

**3 Credit Hours**

In this course students assume the role of sound engineer in all areas pertaining to professional audio. It covers the theory of sound, acoustic fundamentals, microphone techniques, analog and digital signal flow, the use of computers in audio, recording (mono, stereo, and multi-track), studio policies, and working with a clientele. Focused on hands-on learning in the studio and in live sound environments, the course places students in real-world scenarios that will help them develop the necessary skills to produce high-quality recordings.

**Prerequisites:** MUSC127

**Levels:** Undergraduate

*College of Arts & Sciences Music*

**MUSC 350 - Functional Piano**

## MUSC 350 - Functional Piano

### **2 Credit Hours**

Development of basic skills needed for playing accompaniments and harmonizations at the keyboard. Designed for students who wish to teach school music. Permission of instructor required.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 351 - String Techniques**

## MUSC 351 - String Techniques

### **1 Credit Hours**

Provides an understanding of techniques and teaching strategies of string instruments. Designed for those interested in teaching music, it will lead toward basic performance competence and pedagogy.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 352 - Woodwind Techniques**

## MUSC 352 - Woodwind Techniques

### **1 Credit Hours**

Provides an understanding of techniques and teaching strategies of woodwind instruments. Designed for those interested in teaching music, it will lead toward basic performance competence and pedagogy.

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 353 - Brass Techniques**

## MUSC 353 - Brass Techniques

### **1 Credit Hours**

Provides an understanding of techniques and teaching strategies of brass instruments. Designed for those interested in teaching music, it will lead toward basic performance competence and pedagogy.

**Levels:** Graduate Undergraduate

**MUSC 354 - Percussion Techniques**

# **MUSC 354 - Percussion Techniques**

**1 Credit Hours**

Provides an understanding of techniques and teaching strategies of percussion instruments. Designed for those interested in teaching music, it will lead toward basic performance competence and pedagogy.

**Levels:** Graduate Undergraduate

**MUSC 380 - Make & Take K-8 Wrld Mus Instr**

# **MUSC 380 - Make & Take K-8 Wrld Mus Instr**

**0 - 2 Credit Hours**

Hands-on workshop building and playing simple musical instruments. No musical or technical skills are required. Designed for the general kindergarten to 8th grade classroom teacher. Along with musical activities creative ways of teaching math, science, history, the visual arts, and multi-cultural awareness will be explored.

**Levels:** Graduate Undergraduate

**MUSC 399 - Independent Study**

# **MUSC 399 - Independent Study**

**1 - 3 Credit Hours**

Areas of study related to the music field, although not specifically included in the catalog, may be requested by the student and elected with the approval of the instructor and permission of the chair.

**Levels:** Graduate Undergraduate

**MUSC 400 - Form and Analysis**

# **MUSC 400 - Form and Analysis**

**3 Credit Hours**

Areas of study related to the music field, although not specifically included in the catalog, may be requested by the student and elected with the approval of the instructor and permission of the chair.

**Levels:** Graduate Undergraduate

**MUSC 401 - Orchestration Arranging**

# **MUSC 401 - Orchestration Arranging**

**3 Credit Hours**

The technique of scoring for orchestra, band, and diverse instrumental ensembles.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 402 - Composition**

## **MUSC 402 - Composition**

**3 Credit Hours**

Introduction to creative writing in simple musical forms.

**Prerequisites:** Undergraduate level MUSC400 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 424 - Private Lesson: Conducting**

## **MUSC 424 - Private Lesson: Conducting**

**.5 - 1 Credit Hours**

More advanced and in depth study of conducting techniques, score analysis and performance skills.

**Prerequisites:** MUSC312

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 426 - Foundations of Music Education**

## **MUSC 426 - Foundations of Music Education**

**3 Credit Hours**

A comprehensive study of Music Education: history, philosophy, theory, and practical application.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 427 - Contemp Approaches in Music Ed**

## **MUSC 427 - Contemp Approaches in Music Ed**

**3 Credit Hours**

Introduction to Orff and Kodaly methodology; curricular innovations for all levels of school music, Pre-K - 12.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 450 - Senior Recital**

## **MUSC 450 - Senior Recital**

**1 - 2 Credit Hours**  
0

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**MUSC 479 - Independent Study**

## **MUSC 479 - Independent Study**

**1 - 3 Credit Hours**

Areas of study related to music field, although not specifically included in the catalog, may be requested by the students and elected with the approval of the instructor and permission of chair.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**NEPL 101 - Elementary Nepali I**

## **NEPL 101 - Elementary Nepali I**

**3 Credit Hours**

An introduction to basic language skills through emphasizing the acquisition of high-frequency vocabulary and the development of cultural awareness. This course is ONLY OFFERED to participants in the Service Learning Program in Nepal and will only be offered in Nepal.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**NEPL 102 - Elementary Nepali II**

## **NEPL 102 - Elementary Nepali II**

**3 Credit Hours**

The second semester elementary course with added emphasis on reading and speaking in the target language. This course is ONLY OFFERED to participants in the Service Learning Program in Nepal and will only be offered in Nepal.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**NURS 100 - Survey of Professional Nursing**

## **NURS 100 - Survey of Professional Nursing**

**2 Credit Hours**

This course introduces the student to nursing as a profession including the program philosophy, framework, and curriculum of the course of study at Xavier. Content includes the roles and values of the professional nurse, the scope of nursing practice, interprofessional collaboration, key issues in nursing history with emphasis on the holism philosophy that emanated directly from Florence Nightingale, professional organizations, ethical/legal rights and responsibilities, introduction to Quality and Safety Education for Nurses (QSEN) competencies, and holistic nursing practice. Curricular concepts/skills introduced include development of self-awareness, informatics, critical thinking, and communication (verbal and written). Accelerated course for ABSN students only.

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate



## **NURS 110 - Health, Culture and Diversity**

# **NURS 110 - Health, Culture and Diversity**

### **3 Credit Hours**

This course focuses on culture, cultural diversity, and holistic culturally sensitive care as it relates to the universal properties of transition and health. Culture as it impacts health and magico-religious traditions are explored related to health-wellness-disease-illness and the psycho-physiology of body, mind and spirit. The student will begin to develop self-awareness and sensitivity toward others. Issues related to diversity and inclusion will be discussed. Approved substitute for UNST 100. This course has been approved as a University Diversity flag course. Online course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

## **NURS 130 - Ways of Knowing**

# **NURS 130 - Ways of Knowing**

### **3 Credit Hours**

This course serves as an introduction to the professional nurse. Course content includes the origin and history of nursing, scope of practice, role within the interprofessional healthcare team, and the holistic caring process. Students will be exposed to nursing theories, legal/ethical responsibilities of the nurse, informatics/technology, cultural diversities, and social determinants of health to prepare students to undertake the profession in today's complex world. The frameworks and skills introduced will develop student self-awareness, critical thinking, as well as oral and written communication skills.

**Restrictions:** Must be enrolled in one of the following Majors: Nursing Nursing

**Course Attributes:** Oral Communication Flag

**Levels:** Undergraduate

## **NURS 132 - Health and Culture I**

# **NURS 132 - Health and Culture I**

### **3 Credit Hours**

Focuses on culture, cultural diversity, and holistic culturally sensitive care as it relates to the universal properties of transition and health. Culture as it impacts health and magico-religious traditions are explored related to health-wellness-disease-illness and the psycho-physiology of body, mind and spirit. The student will begin to develop self-awareness and sensitivity toward others in relation to population health. Issues related to diversity will be discussed.

**Course Attributes:** Africana Studies Minor, Diversity Flag, Gender & Diversity Studies, Population Health

**Levels:** Undergraduate

## **NURS 200 - Foundations of Nsg Practice I**

# **NURS 200 - Foundations of Nsg Practice I**

### **3 Credit Hours**

The first in a series of two, this course introduces theoretical frameworks for the holistic assessment of patients experiencing developmental transitions. Quality and Safety

Education for Nurses (QSEN) competencies and evidence-based practice are discussed. Major components for holistic assessment including nutritional, physical, psychological, and spiritual development across the lifespan are discussed with an emphasis on the adult. Life style patterns and habits that maintain healthy living are explored. Components of the therapeutic relationship as they relate to the holistic assessment process are introduced. Therapeutic and inter-professional communication is analyzed. Emphasis on the patient and family as an active partner in the healing process and attentiveness to one's spirit is examined as a critical component of the healing interaction. The role of transpersonal human caring and healing is emphasized with therapeutic relationships. Accelerated course for ABSN students only.

**Co-requisites:** NURS201

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 201 - Found of Nurs Prac I Practicum**

# **NURS 201 - Found of Nurs Prac I Practicum**

### **2 Credit Hours**

The first in a series of two, this laboratory practicum introduces students to methods of holistic health assessment for adult patients and families across the life span with an emphasis on adults. Focus and application will be on an introduction to all aspects of health assessment, therapeutic and inter-professional communication skills, helping relationships, the nursing process and self-assessment in a variety of lab and clinical settings. Quality and Safety Education for Nurses (QSEN) initiative beginner competencies are explored. Accelerated course for ABSN students only.

**Co-requisites:** NURS200

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 202 - Foundations of Nsg II**

# **NURS 202 - Foundations of Nsg II**

### **3 Credit Hours**

The second in a series of two, this course builds on the exploration of holistic nursing therapeutics and observation of Quality and Safety Education for Nurses (QSEN) competencies used with individuals experiencing transitions. Promotive, preventive, and interventive strategies including pharmacology, nutrition and integrative therapies are discussed. The research and theoretical bases for the selection of evidence-based holistic therapeutics is emphasized. The importance of empowered decision making in selecting appropriate therapeutics to achieve and manage outcomes is discussed. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C

**Co-requisites:** NURS203

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 203 - Found of Nurs Pra II Practicum**

# **NURS 203 - Found of Nurs Pra II Practicum**

### **2 Credit Hours**

The second in a series of two, this practicum builds on the application of holistic promotive, preventive, and interventive nursing therapeutics to be used with individuals experiencing transitions in primary, secondary, and tertiary health care settings. Emphasis is on the development of critical thinking through the use of the nursing process, self-

assessment, therapeutic communication, and understanding of Quality and Safety Education for Nurses (QSEN) competencies, in a wide variety of clinical settings. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C

**Co-requisites:** NURS202

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 224 - Nurs Therapeutics I: Asmt**

# **NURS 224 - Nurs Therapeutics I: Asmt**

### **4 Credit Hours**

This course introduces theoretical frameworks for the holistic assessment and evidence based nursing therapeutics of patients experiencing developmental transitions. Major components for holistic assessment including physical, psychological, and spiritual development across the lifespan are discussed with an emphasis on the adult. Life style patterns and habits that maintain healthy living are explored. Components of the therapeutic relationship as they relate to the holistic assessment process and patient safety are introduced. Therapeutic and inter-professional communication is explored. Emphasis on the patient and family as an active partner in the healing process and attentiveness to one's spirit is examined as critical components of the healing interaction.

**Prerequisites:** Undergraduate level BIOL140 Minimum grade of C and Undergraduate level BIOL141 Minimum grade of C and Undergraduate level BIOL142 Minimum grade of C and Undergraduate level BIOL143 Minimum grade of C and (Undergraduate level SOCI101 Minimum grade of C or Undergraduate level SOCI180 Minimum grade of C or Undergraduate level SOCW167 Minimum grade of C) and Undergraduate level NURS130 Minimum grade of C and Undergraduate level NURS132 Minimum grade of C

**Co-requisites:** CHEM150, CHEM151, NURS225

**Restrictions:** Must be enrolled in one of the following Majors: Nursing

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 225 - Nurs Therapeutics I:Practicum**

# **NURS 225 - Nurs Therapeutics I:Practicum**

### **2 Credit Hours**

This course introduces students to methods of holistic health assessment for adult patients and families across the life span; with an emphasis on adults. Focus and application will be on health assessment and related nursing therapeutic; therapeutic and inter-professional communication skills; helping relationships; the nursing process; and self-assessment. Quality and Safety Education for Nurses (QSEN) initiative beginner competencies are explored.

**Prerequisites:** Undergraduate level NURS132 Minimum grade of C and NURS130 and BIOL140 and BIOL141 and BIOL142 and BIOL143

**Co-requisites:** CHEM150, CHEM151, NURS224

**Restrictions:** Must be enrolled in one of the following Majors: Nursing

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 230 - Nurs Theapeutics II**

# **NURS 230 - Nurs Theapeutics II**

### **4 Credit Hours**

This course introduces theoretical frameworks for the holistic assessment of clients experiencing developmental transitions. Major components for holistic assessment including

physical, psychological, and spiritual development across the lifespan are discussed with an emphasis on the adult. Life style patterns and habits that maintain healthy living are explored. Components of the therapeutic relationship as they relate to the holistic assessment process are introduced. Therapeutic and inter-professional communication is analyzed. Emphasis on the client and family as an active partner in the healing process and attentiveness to one's spirit is examined as critical components of the healing interaction. The role of transpersonal human caring and healing is emphasized with therapeutic relationships.

**Prerequisites:** Undergraduate level NURS224 Minimum grade of C and Undergraduate level NURS225 Minimum grade of C and Undergraduate level CHEM150 Minimum grade of C and Undergraduate level CHEM151 Minimum grade of C

**Co-requisites:** BIOL200, BIOL201, NURS231, NURS364

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 231 - Nurs Therapeutics II Practicum**

# **NURS 231 - Nurs Therapeutics II Practicum**

#### **2 Credit Hours**

Foundations of holistic, safe nursing therapeutics are implemented with adults experiencing transitions in a variety of health care settings. Emphasis is on the development of critical thinking through the use of the nursing process, self-assessment and inter-professional communication.

**Prerequisites:** Undergraduate level NURS224 Minimum grade of C and Undergraduate level NURS225 Minimum grade of C

**Co-requisites:** NURS230, NURS364

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 260 - Pathophysiology I**

# **NURS 260 - Pathophysiology I**

#### **2 Credit Hours**

The first in a series of two, this course builds on the students' knowledge of anatomy and physiology. The course will cover altered states of homeostasis and the effect on body functioning primarily at the cellular level. The body's ability to compensate to these changes is also addressed. The course focuses on the mechanisms of the underlying disease, considering the unique factors that influence disease, and the basic processes of the development of disease. This will provide the background for holistic preventive and therapeutic health care measures and practices. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 261 - Pathophysiology II**

# **NURS 261 - Pathophysiology II**

#### **2 Credit Hours**

The second in a series of two, this course builds on the students' knowledge of anatomy, physiology, and the cellular changes that are covered in NURS 260 Pathophysiology I. This course will focus on the cellular, tissue, organ, and systems mechanisms of change that occur with disease. The course will trace the development of diseases from the presence of risk factors to the manifestations of signs and symptoms to complications that can occur. While focusing on each body system, the impact on other body systems will be examined. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum

grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 270 - Pharmacology I**

# **NURS 270 - Pharmacology I**

### **1 Credit Hours**

The first in a series of two, this course provides an introduction to basic pharmacology and the role of the nurse on pharmacotherapeutics. Basic clinical application of drug therapy and concepts relating to the mechanisms of drug actions, interactions, and adverse reactions, including immunologic-idiosyncratic-allergic drug responses, will be explored. Emphasis is on the role of the nurse in pharmacotherapeutics including cultural/ethnic considerations. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 271 - Pharmacology II**

# **NURS 271 - Pharmacology II**

### **1 Credit Hours**

The second in a series of two, this course provides a continued focus on basic pharmacology and the role of the nurse on pharmacotherapeutics. Clinical application of drug therapy and concepts relating to the mechanisms of drug actions, interactions, and adverse reactions, including immunologic-idiosyncratic-allergic drug responses will be explored. Emphasis is on pharmacotherapeutics and cultural/ethnic considerations. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 300 - Nrsng Concepts Mental Hlth I**

# **NURS 300 - Nrsng Concepts Mental Hlth I**

### **2 Credit Hours**

The first in a series of two, this introductory course provides a focus on facilitating holistic health outcomes in individuals experiencing psychiatric mental health-illness transitions. Focus includes evidence-based therapeutics, pharmacologic and non-pharmacologic, utilized to assist individuals in achieving optimum mental health outcomes within a safe milieu. Quality and Safety Education for Nurses (QSEN) competencies, as they relate to psychiatric mental health transitions, are explored. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum

grade of C

**Co-requisites:** NURS301

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 301 - Nrsg Ccpts Ment Hlth I Pract**

## **NURS 301 - Nrsg Ccpts Ment Hlth I Pract**

#### **1 Credit Hours**

The first in a series of two, this practicum focuses on the application of promotive, preventive and interventive holistic nursing therapeutics in patients experiencing psychiatric mental health illness transitions. The course focuses on fostering skill in planning, implementing, and evaluating quality and safe holistic nursing therapeutics, built upon Quality and Safety Education for Nurses (QSEN) competencies, used to facilitate optimum mental health outcomes for adults. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C

**Co-requisites:** NURS300

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 302 - Nrsg Concepts Mental Hlth II**

## **NURS 302 - Nrsg Concepts Mental Hlth II**

#### **2 Credit Hours**

The second in a series of two, this course continues with a focus on facilitating holistic health outcomes in individuals experiencing psychiatric mental health-illness transitions. Focus includes evidence-based therapeutics, pharmacologic and non-pharmacologic, utilized to assist individuals in achieving optimum mental health outcomes within a safe milieu. Quality and Safety Education for Nurses (QSEN) competencies, as they relate to psychiatric mental health transitions, continue to be examined. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C

**Co-requisites:** NURS303

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 303 - Nrsg Ccpts Ment Hlth II Pract**

## **NURS 303 - Nrsg Ccpts Ment Hlth II Pract**

#### **1 Credit Hours**

The second in a series of two, this practicum builds on the application of promotional, preventative, and interventive holistic nursing therapeutics in patients experiencing psychiatric mental health illness transitions. The course focuses on fostering skill in planning, implementing, and evaluating quality and safe holistic nursing therapeutics, built upon Quality and Safety Education for Nurses (QSEN) competencies, used to facilitate optimum mental health outcomes for adults. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C

**Co-requisites:** NURS302

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 310 - Independent Study in Nursing**

# **NURS 310 - Independent Study in Nursing**

### **1 - 3 Credit Hours**

Opportunity to pursue a topic or project of individual interest. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 320 - Professional Development I**

# **NURS 320 - Professional Development I**

### **3 Credit Hours**

The study of professional nursing and its education and practice as related to the individual nurse. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 325 - Health & Culture II**

# **NURS 325 - Health & Culture II**

### **3 Credit Hours**

Focuses on identified cultural groups and how culture influences the values, attitudes, and practices of an individual, family, and group as related to health and caring. Student must have minimum 2.7 cumulative GPA.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 330 - Nursing Research**

# **NURS 330 - Nursing Research**

### **3 Credit Hours**

This course focuses on the analysis and utilization of evidence, including nursing research, to facilitate holistic nursing care of individuals, families, and communities. The use of

the principles and methods of research as a means for developing critical reasoning vital to professional judgment is emphasized. Research is examined for evidence based practices that addresses research findings, the nurse's expertise and patient/family preferences. Discussion entails the importance of dissemination of research findings. This course has been approved as a University Writing flag course and includes extensive writing assignments. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 333 - Health Assessment**

## **NURS 333 - Health Assessment**

#### **2 Credit Hours**

Health assessment skills are presented and practiced. Variations for age and culture are included. Family and mental health status assessment tools are used. Six contact hours. Course is open to non-matriculated students. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 340 - Obstetric Womens Health**

## **NURS 340 - Obstetric Womens Health**

#### **2 Credit Hours**

This course focuses on facilitating holistic health outcomes for women and families experiencing transitions using Quality and Safety Education for Nurses (QSEN) competencies. Family transitions, developmental and situational, are explored. Issues surrounding health-illness transitions in women and the child-bearing families are also discussed. Diversity related to ethnicity/culture is emphasized. The role of the holistic nurse as an educator, consultant, facilitator and partner with the patient and interprofessional team is emphasized. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C

**Co-requisites:** NURS341

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 341 - OB Womens Health Pract**

## **NURS 341 - OB Womens Health Pract**

#### **1 Credit Hours**

This course is the application of promotive, preventive, and interventive holistic nursing therapeutics to be used with women and child-bearing families experiencing transitions. Skills in assessing, planning, implementing and evaluating families are emphasized to provide holistic family-centered, community-based care, built upon Quality and Safety



Education for Nurses (QSEN) competencies, during transition in the childbearing years. Key psychosocial and cultural influences will be examined related to reproductive care, a complex healthcare system, and the wider global community. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C

**Co-requisites:** NURS340

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 342 - Pediatric Nursing**

# **NURS 342 - Pediatric Nursing**

### **2 Credit Hours**

This course focuses on facilitating holistic health outcomes for families experiencing transitions using Quality and Safety Education for Nurses (QSEN) competencies. Family transitions, developmental and situational, through the life-cycle are explored. Issues surrounding health-illness transitions in the child-rearing family are also discussed. Diversity of family life related to ethnicity/culture is emphasized. The role of the holistic nurse as an educator, consultant, facilitator and partner with the patient and interprofessional team is emphasized. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C

**Co-requisites:** NURS343

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 343 - Pediatric Nursing Pract**

# **NURS 343 - Pediatric Nursing Pract**

### **1 Credit Hours**

Application of promotive, preventive, and interventional holistic nursing therapeutics to be used with child-rearing families experiencing transitions. Experiences are provided with families in various stages of development. Skills in assessing, planning, implementing and evaluating quality are emphasized to provide holistic family-centered, community-based care to families with infants, children, and adolescents. Key psychological and cultural influences will be examined related to care provided for child-rearing families in the context of a complex healthcare system, and the wider global community. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C

**Co-requisites:** NURS342

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 349 - Applied Interprof Collab**

# **NURS 349 - Applied Interprof Collab**

#### **1 Credit Hours**

The vision of interprofessional collaborative practice is safe, high quality accessible, student/patient/client-centered care. This course challenges students to explore how your profession could contribute to integrating roles that would promote healthy lifestyles, creating a productive learning environment, a productive workforce, and thriving communities. Interprofessional collaboration recognizes a culture of respect, concise, clear communication, interdependent care for person-centered outcomes, and integration of services through shared decision-making. This course will provide students with an opportunity to envision practice across disciplines and or microsystems in teams to meet the needs of individuals, families, and the community.

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 350 - Nursing Care of the Adult I**

# **NURS 350 - Nursing Care of the Adult I**

#### **2 Credit Hours**

The first in a series of three, this course focuses on facilitating health outcomes in adults experiencing health-illness transitions in primary, secondary, and tertiary health care settings. Focus on fostering skill in planning, implementing, and evaluating holistic nursing therapeutics used to facilitate health outcomes for adults. The role of the nurse in providing health counseling and education to guide clients in making informed choices for health care is discussed. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C

**Co-requisites:** NURS351

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 351 - Nursg Care Adult I Pract**

# **NURS 351 - Nursg Care Adult I Pract**

#### **1 Credit Hours**

The first in a series of three, this practicum promotes the application of promotive, preventive and interventive holistic nursing therapeutics in adults experiencing health-illness transitions in primary, secondary, and tertiary health care settings. The course focuses on fostering skill in planning, implementing, and evaluating holistic nursing therapeutics used to facilitate healthy outcomes for adults. Therapeutic presence is emphasized as an essential component of every nursing action. Interventions will assist clients in exploring self-awareness, spirituality, and personal transformation in healing. Twelve hours of clinical practicum weekly. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C

**Co-requisites:** NURS350

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 352 - Nursing Care of the Adult II**

# **NURS 352 - Nursing Care of the Adult II**

#### **2 Credit Hours**

The second in a series of three, this course builds on the focus of facilitating health outcomes in adults experiencing health-illness transitions in primary, secondary, and tertiary health care settings. Focus on fostering skill in planning, implementing, and evaluating holistic nursing therapeutics used to facilitate health outcomes for adults. The role of the nurse in providing health counseling and education to guide clients in making informed choices for health care is discussed. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C

**Co-requisites:** NURS353

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 353 - Nrsrg Care of the Adult 2 Pract**

# **NURS 353 - Nrsrg Care of the Adult 2 Pract**

#### **2 Credit Hours**

The second in a series of three, this practicum builds on continued application of promotive, preventive and interventive holistic nursing therapeutics in adults experiencing health-illness transitions in primary, secondary, and tertiary health care settings. The course focuses on fostering skill in planning, implementing, and evaluating holistic nursing therapeutics used to facilitate healthy outcomes for adults. Therapeutic presence is emphasized as an essential component of every nursing action. Interventions will assist clients in exploring self-awareness, spirituality, and personal transformation in healing. Twelve hours of clinical practicum weekly. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C

**Co-requisites:** NURS352

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 354 - Nursing Care of the Adult 3**

# **NURS 354 - Nursing Care of the Adult 3**

#### **2 Credit Hours**

The third in a series of three, this course continues to build on the focus of facilitating health outcomes in adults experiencing health-illness transitions in primary, secondary, and tertiary health care settings. Focus on fostering skill in planning, implementing, and evaluating holistic nursing therapeutics used to facilitate health outcomes for adults. The role of the nurse in providing health counseling and education to guide clients in making informed choices for health care is discussed. Emphasis placed on the normal aging process

and the continuing development of care of the older adult and focused on health promotion, prevention, diagnosis and treatment, maintenance, and restoration of individuals in their later years. This course focuses on the nursing care of adults as they experience health-illness transitions. Special attention will be given to the care of older adults. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C

**Co-requisites:** NURS355

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 355 - Nrsrg Care of the Adult 3 Pract**

## **NURS 355 - Nrsrg Care of the Adult 3 Pract**

#### **2 Credit Hours**

The third in a series of three, this practicum continues to build on the application of promotive, preventive and interventive holistic nursing therapeutics in adults experiencing health-illness transitions in primary, secondary, and tertiary health care settings. The course focuses on fostering skill in planning, implementing, and evaluating holistic nursing therapeutics used to facilitate healthy outcomes for adults. Therapeutic presence is emphasized as an essential component of every nursing action. Interventions will assist clients in exploring self-awareness, spirituality, and personal transformation in healing. Twelve hours of clinical practicum weekly. Emphasis is placed on health promotion, prevention, assessment, diagnosis, and interprofessional management strategies. Students use evidence-based care and clinical guidelines to provide safe, holistic and cost effective care to the adult and geriatric patient in variety of healthcare settings. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C

**Co-requisites:** NURS354

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 360 - Adults in Transitions**

## **NURS 360 - Adults in Transitions**

#### **4 Credit Hours**

This course focuses on facilitating health outcomes for adults experiencing health-illness transitions in primary, secondary, and tertiary health care settings. The course fosters skill in planning, implementing, and evaluating holistic nursing interventions essential to the care of adult clients with acute and chronic medical-surgical conditions. Risk factors, clinical assessment, nutrition, and pharmacology are emphasized throughout the course. The role of the nurse in caring for adults and providing health counseling and education to guide clients in making informed choices for health care is also discussed.

**Prerequisites:** NURS230 and NURS231 and NURS364

**Co-requisites:** NURS361

**Levels:** Graduate Undergraduate

## **NURS 361 - Adult in Transitions Practicum**

# **NURS 361 - Adult in Transitions Practicum**

### **4 Credit Hours**

This course focuses on fostering skill in the clinical setting for planning, implementing, and evaluating holistic nursing interventions used to facilitate healthy outcomes for adult clients with acute and chronic medical-surgical conditions. Therapeutic communication and patient-centered care are emphasized as essential components of all nursing interactions with clients. Students will participate in twelve hours of clinical weekly to apply holistic nursing interventions for health promotion and disease prevention in adults experiencing health-illness transitions in primary, secondary, and tertiary health care settings. Clinical experiences incorporate direct patient care in the clinical setting, as well as laboratory skills and simulation.

**Prerequisites:** NURS230 and NURS231 and NURS364

**Co-requisites:** NURS360

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

## **NURS 364 - Pathophysiology**

# **NURS 364 - Pathophysiology**

### **3 Credit Hours**

The relationship of normal body functioning to physiological changes associated with dysfunction of an organ or organ system is discussed. General concepts of disease processes are addressed in order to provide rationale for diagnosis and health-illness transitions. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** Undergraduate level BIOL140 Minimum grade of C and Undergraduate level BIOL141 Minimum grade of C and Undergraduate level BIOL142 Minimum grade of C and Undergraduate level BIOL143 Minimum grade of C and Undergraduate level CHEM150 Minimum grade of C and Undergraduate level CHEM151 Minimum grade of C

**Levels:** Graduate Undergraduate

## **NURS 370 - Intro to Nursing Research**

# **NURS 370 - Intro to Nursing Research**

### **3 Credit Hours**

Focus on the analysis and utilization of nursing research literature to facilitate holistic nursing care of individuals, families, and communities. The use of the principles and methods of research as a means for developing critical reasoning vital to professional judgment is emphasized. Research is examined for evidence based practices that addresses research findings, the nurse's expertise and patient/family preferences. Discussion entails the importance of dissemination of research findings. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** Undergraduate level NURS230 Minimum grade of C and Undergraduate level NURS231 Minimum grade of C and (Undergraduate level MATH116 Minimum grade of C or Undergraduate level MATH156 Minimum grade of C)

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

## **NURS 372 - Families in Transitions**

# **NURS 372 - Families in Transitions**

**4 Credit Hours**

Focus on facilitating holistic health outcomes for families experiencing transitions. Family transitions, developmental and situational, through the life-cycle are explored. Issues surrounding health-illness transitions in the family are also discussed. Diversity of family life related to ethnicity/culture is emphasized. The role of the holistic nurse as an educator, consultant, facilitator and partner with the client/s is emphasized. Twelve hours of clinical practicum weekly. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** Undergraduate level NURS230 Minimum grade of C and Undergraduate level NURS231 Minimum grade of C and Undergraduate level NURS364 Minimum grade of C

**Co-requisites:** NURS373

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

**NURS 373 - Families Transitions Practicum**

# NURS 373 - Families Transitions Practicum

**4 Credit Hours**

Application of promotive, preventive, and interventive holistic nursing therapeutics to be used with families experiencing transitions. Experiences provided with families in various stages of development. Skills in assessing, planning, implementing, and evaluating holistic nursing therapeutics for individuals and families are emphasized.. Twelve hours of clinical practicum weekly. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** Undergraduate level NURS230 Minimum grade of C and Undergraduate level NURS231 Minimum grade of C and Undergraduate level NURS364 Minimum grade of C

**Co-requisites:** NURS372

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

**NURS 374 - Childrearing Families in Trans**

# NURS 374 - Childrearing Families in Trans

**2 Credit Hours**

Focus on facilitating holistic health outcomes for families experiencing pediatric transitions. Family transitions, developmental and situational, through the life-cycle are explored. Issues surrounding pediatric health-illness transitions in the family are also discussed. Diversity of family life related to ethnicity/culture is emphasized. The role of the holistic nurse as an educator, consultant, facilitator and partner with the pediatric client/s and family are emphasized.

**Prerequisites:** NURS230 and NURS231 and NURS364

**Co-requisites:** NURS375

**Levels:** Undergraduate

*College of Nursing Nursing*

**NURS 375 - Childrearing Families Pract**

# NURS 375 - Childrearing Families Pract

**2 Credit Hours**

Application of promotive, preventive, and interventive holistic nursing therapeutics to be used with child-rearing families experiencing transitions. Experiences are provided with families in various stages of development. Skills in assessing, planning, implementing and evaluating quality and safe holistic nursing therapeutics for child-rearing families are emphasized.

**Prerequisites:** NURS230 and NURS231 and NURS364

**Co-requisites:** NURS374

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 376 - Childbearing Families in Trans**

## **NURS 376 - Childbearing Families in Trans**

#### **2 Credit Hours**

Focus on facilitating holistic health outcomes for families experiencing transitions with regards to reproduction and reproductive health. Family transitions, developmental and situational, through the life-cycle are explored. Issues surrounding health-illness transitions in women and childbearing family are also discussed. Diversity of family life related to ethnicity/culture is emphasized. The role of the holistic nurse as an educator, consultant, facilitator and partner with the client/s is emphasized.

**Prerequisites:** NURS230 and NURS231 and NURS364

**Co-requisites:** NURS377

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 377 - Childbearing Practicum**

## **NURS 377 - Childbearing Practicum**

#### **2 Credit Hours**

Application of promotive, preventive, and interventional holistic nursing therapeutics to be used with child-bearing families experiencing transitions. Experiences are provided with childbearing families in various stages of development. Skills in assessing, planning, implementing and evaluating quality and safe holistic nursing therapeutics for child-bearing families are emphasized.

**Prerequisites:** NURS230 and NURS231 and NURS364

**Co-requisites:** NURS376

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 380 - Reclaim Your Joy: Holistic Hea**

## **NURS 380 - Reclaim Your Joy: Holistic Hea**

#### **0 - 1 Credit Hours**

This workshop guides participants to reclaim their joy by experiencing their own creativity. Participants examine ways to deal with life in a more effective, inventive, and fulfilling manner. Exploration of the four directions of the medicine wheel, guided meditation, shamanic journeying, nature mandalas, and other areas are covered. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 385 - Optimize Your Health & Vitalit**

## **NURS 385 - Optimize Your Health & Vitalit**

#### **0 - 1 Credit Hours**

This workshop guides participants in ways to take charge of their health. This course combines eastern and western healing practices and principles to assist participants in maintaining their highest level of wellness. They learn to integrate mind, body, and spirit healing modalities of energy therapy, transformational breath work, guided imagery, shamanic journeying, and herbal and nutritional supplementation to balance and energize their life. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 390 - Leadership & Managing Care**

# **NURS 390 - Leadership & Managing Care**

### **3 Credit Hours**

Relates the concepts of management to the management of nursing care. Leadership roles of the nurse in health care delivery system are explored. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** Undergraduate level NURS320 Minimum grade of C and Undergraduate level NURS325 Minimum grade of C and Undergraduate level NURS334 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 409 - Student Nurse Internship I**

# **NURS 409 - Student Nurse Internship I**

### **1 Credit Hours**

The student nurse internship program is a collaborative agreement between Xavier University and cooperating hospitals. The program is designed to provide students with additional socialization into nursing opportunities and clinical practice in either medical-surgical, critical care, obstetrics, emergency care, perioperative care or pediatrics. Following an orientation period, the student will work along with a preceptor for a 36 - 40 hour week commitment for ten weeks. The student works the preceptor's schedule. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 410 - Student Nurse Internship**

# **NURS 410 - Student Nurse Internship**

### **3 Credit Hours**

The student nurse summer internship program is a collaborative agreement between Xavier University and cooperating hospitals. The program is designed to provide students with additional socialization into nursing opportunities and clinical practice in either medical-surgical, critical care, obstetrics, emergency care, perioperative care or pediatrics. Following an orientation period, the student will work along with a preceptor for a 36 - 40 hour week commitment for ten weeks. The student works the preceptor's schedule. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 430 - Community Health 1**

# **NURS 430 - Community Health 1**

### **2 Credit Hours**

The first in a series of two, this course introduces and emphasizes the knowledge and skills required to practice community/public health nursing within the context of population health. The student begins to examine the expanding focus of the nursing process in the various roles of the community/public health nurse with attention to holistic nursing appropriate for optimal community outcomes. The significance of primary, secondary and tertiary levels of prevention and implementing health promotion activities for individuals, families, aggregates and communities is addressed. Various environmental, ethical, cultural, legal, financial issues related to Quality and Safety Education for Nurses (QSEN) competencies in community/public health are explored. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum



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**Co-requisites:** NURS431

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 431 - Community Health I Pract**

# **NURS 431 - Community Health I Pract**

### **1 Credit Hours**

The first in a series of two, this practicum promotes the application of promotive, preventive, and interventive holistic nursing therapeutics to be used with communities experiencing transitions. Practicum experience within community based organization is provided. Community assessment skills and accessing community resources, within the framework of Quality and Safety Education for Nurses (QSEN) competencies, are emphasized. The partnership role of the community as the client/teacher with the holistic nurse is emphasized. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS340 Minimum grade of C and Undergraduate level NURS341 Minimum grade of C and Undergraduate level NURS342 Minimum grade of C and Undergraduate level NURS343 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C and Undergraduate level NURS354 Minimum grade of C and Undergraduate level NURS355 Minimum grade of C

**Co-requisites:** NURS430

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 432 - Community Health 2**

# **NURS 432 - Community Health 2**

### **2 Credit Hours**

The second in a series of two, this course builds on emphasizing the knowledge and skills required to practice community/public health nursing within the context of population health. The student continues to examine the expanding focus of the nursing process in the various roles of the community/public health nurse with attention to holistic nursing appropriate for optimal community outcomes. The significance of primary, secondary and tertiary levels of prevention and implementing health promotion activities for individuals, families, aggregates and communities are built upon. Various environmental, ethical, cultural, legal, financial issues related to Quality and Safety Education for Nurses (QSEN) competencies in community/public health are distinguished. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS340 Minimum grade of C and Undergraduate level NURS341 Minimum grade of C and Undergraduate level NURS342 Minimum grade of C and Undergraduate level NURS343 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C and Undergraduate level NURS354 Minimum grade of C and Undergraduate level NURS355 Minimum grade of C and Undergraduate level NURS430 Minimum grade of C and Undergraduate level NURS431 Minimum grade of C

**Co-requisites:** NURS433

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

**NURS 433 - Comm Health 2 Practicum**

## NURS 433 - Comm Health 2 Practicum

### 1 Credit Hours

The second in a series of two, this practicum builds on continued application of promotive, preventive, and interventive holistic nursing therapeutics to be used with communities experiencing transitions. Practicum experience within community based organization is provided. Community assessment skills and accessing community resources, within the framework of Quality and Safety Education for Nurses (QSEN), are emphasized. The partnership role of the community as the client/teacher with the holistic nurse is emphasized. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS340 Minimum grade of C and Undergraduate level NURS341 Minimum grade of C and Undergraduate level NURS342 Minimum grade of C and Undergraduate level NURS343 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C and Undergraduate level NURS354 Minimum grade of C and Undergraduate level NURS355 Minimum grade of C and Undergraduate level NURS430 Minimum grade of C and Undergraduate level NURS431 Minimum grade of C

**Co-requisites:** NURS432

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

**NURS 442 - The Community as Partner**

## NURS 442 - The Community as Partner

### 3 Credit Hours

This course is designed to introduce students to the skills necessary to assess and critically analyze communities. By utilizing an epidemiologic approach to public health, students will relate cultural influences of communities to current health practices and outcomes. They will explore the contributions of cultural imposition, ethnocentrism, and human rights violations to adverse health outcomes in the U.S. and the world. By examining human beings as inseparable and integral with their environment and their world, students will develop an understanding of holistic nursing principles. From this perspective, students will develop skills to prioritize, and plan culturally sensitive care with an emphasis on health promotion, illness prevention, and social justice. The major concepts to be explored are the nurse leaders' responsibility in: the assessment of health practices of the community; healthcare resource accessibility; health policy making; and the care and protection of vulnerable populations. This course fulfills the cultural diversity elective requirement. This course is not open to pre-licensure nursing majors. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

**NURS 443 - NSG Practice & Application II**

## NURS 443 - NSG Practice & Application II

### 2 Credit Hours

Health care management and various nursing roles within communities of increasing complexities. Nursing strategies aimed at disease prevention, promotion and restoration of health will be applied to the management of identified community health problems. Six hours of practicum weekly. Student must have minimum 2.7 cumulative GPA.

**Co-requisites:** NURS442

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 450 - Mental Health Nursing**

# **NURS 450 - Mental Health Nursing**

### **1 Credit Hours**

This course will focus on facilitating holistic healthy outcomes in adults experiencing mental health-illness transitions. Information regarding pharmacological, nutritional, behavioral, and psychiatric interventions which may be prescribed to assist individuals in achieving optimum mental health outcomes is discussed. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** Undergraduate level NURS360 Minimum grade of C and Undergraduate level NURS361 Minimum grade of C and Undergraduate level NURS370 Minimum grade of C and Undergraduate level NURS372 Minimum grade of C and Undergraduate level NURS373 Minimum grade of C

**Co-requisites:** NURS451

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 451 - Mental Health Nursing Pract**

# **NURS 451 - Mental Health Nursing Pract**

### **1 Credit Hours**

The course will focus on the application of promotive, preventive and interventive holistic nursing therapeutics in patients experiencing psychiatric mental health illness transitions. The course focuses on fostering skill in planning, implementing, and evaluating quality and safe holistic nursing therapeutics used to facilitate optimum mental health outcomes for adults.

**Prerequisites:** NURS360 and NURS361 and NURS370 and NURS374 and NURS375 and NURS376 and NURS377

**Co-requisites:** NURS452

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 452 - Mental Health Nursing**

# **NURS 452 - Mental Health Nursing**

### **3 Credit Hours**

The course will focus on facilitating holistic health outcomes in individuals experiencing psychiatric mental health-illness transitions. Focuses on evidence-based therapeutics utilized to assist individuals in achieving optimum mental health outcomes within a safe milieu.

**Prerequisites:** NURS360 and NURS374 and NURS376

**Co-requisites:** NURS451

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 460 - Women's Health Issues**

# **NURS 460 - Women's Health Issues**

### **2 - 3 Credit Hours**

A discussion of the health issues affecting women as individuals and as a group. The influence of the existing health care and social structures on women's treatment and perception of illness will be examined. (Open to non-nursing students.) Elective course. Student must have minimum 2.7 cumulative GPA.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 462 - Success Over Stress**

## **NURS 462 - Success Over Stress**

### **3 Credit Hours**

This course explores current understandings of the etiologies and triggers, risk factors, manifestations and consequences of acute and chronic stress. Specific content includes current theoretical models of stress and coping, the fight or flight response, immuno-biological manifestations, psychosocial and occupational complications of stress and current evidence based stress management and stress reduction methods. The students will design an individualized stress management plan per the Jesuit philosophy Curas Personalis, by integrating the concepts of mind, body and spirit with the learning done throughout the course and self reflection through journaling activities.

**Prerequisites:** NURS360 and NURS361 and NURS364 and NURS370 and NURS372 and NURS373

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 465 - Care of the Older Adult**

## **NURS 465 - Care of the Older Adult**

### **2 - 3 Credit Hours**

Emphasis placed on the normal aging process and the continuing development of care of the older adult. Health promotion, prevention, diagnosis and treatment, maintenance, and restoration of individuals in their later years. (Open to non-nursing students.) Elective course. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 466 - Expressions of Hope**

## **NURS 466 - Expressions of Hope**

### **2 - 3 Credit Hours**

Examines expressions of hope and suffering through art, music, history, and the religious values, beliefs and mysteries that surround the needs of the human spirit. Examination of the relevance of issues of faith, hope and the ethical aspects of personal responsibility in sharing in the needs of others. (Open to non-nursing students.) Elective course. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 468 - From Acupuncture-Zinc: Pain Mg**

## **NURS 468 - From Acupuncture-Zinc: Pain Mg**

### **3 Credit Hours**

Explores traditional methods of pain management and comfort measures as well as complementary modalities that can be applied to bring about a sense of wellness and calm. (Open to non-nursing students.) Elective course. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 469 - Death: The Universal Experienc**

# **NURS 469 - Death: The Universal Experienc**

### **3 Credit Hours**

Examine current and past issues related to death and dying. Explore pertinent theories on death and dying, and bereavement care provided to clients and families. Applicable, historical and current perceptions and rituals will be discussed, as well as ethical and spiritual issues. (Open to non-nursing majors.) Elective course. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 470 - Community Public Health Nurs**

# **NURS 470 - Community Public Health Nurs**

### **3 Credit Hours**

Emphasis is on the knowledge and skills required to practice community/public health nursing within the context of population health. The student begins to examine the expanding focus of the nursing process in the various roles of the community/public health nurse with attention to holistic nursing appropriate for optimal community and population health outcomes. The significance of primary, secondary and tertiary levels of prevention and implementing health promotion activities for individuals, families, communities, and population aggregates are addressed. Various environmental, ethical, cultural, legal, financial issues related to quality and safety and community/public/population health are explored. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** NURS360 and NURS361 and NURS370 and NURS374 and NURS375 and NURS376 and NURS377

**Co-requisites:** NURS471

**Course Attributes:** Population Health

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 471 - Community Public Health Pract**

# **NURS 471 - Community Public Health Pract**

### **3 Credit Hours**

Application of promotive, preventive, and interventive holistic nursing therapeutics to be used with communities experiencing transitions. Practicum experience within community based organization is provided. Community assessment skills, accessing community resources and evaluation of policy are emphasized. The partnership role of the community as the client/teacher with the holistic nurse is emphasized.. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** NURS360 and NURS361 and NURS370 and NURS374 and NURS375 and NURS376 and NURS377

**Co-requisites:** NURS470

**Course Attributes:** Immersive Learning Experience, Population Health

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 472 - Care of the Complex Client**

# **NURS 472 - Care of the Complex Client**

### **4 Credit Hours**

This course prepares the student to integrate knowledge from all previous courses in emphasizing the holistic interrelatedness of the mind, body, and spirit in order to assess, plan, implement, and evaluate care of the complex client. The various roles of the nurse as a participant within the health care system will be examined. Introduction to health care delivery systems, resource management, and quality improvement will be explored.

**Prerequisites:** NURS360 and NURS361 and NURS370 and NURS374 and NURS375 and NURS376 and NURS377

**Co-requisites:** NURS473

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 473 - Care of Complex Client Practic**

# **NURS 473 - Care of Complex Client Practic**

### **4 Credit Hours**

This course provides clinical experiences enabling the student to participate in the care of the complex client. Management and coordination of care in various health care settings are emphasized. Holistic assessment, intervention, and evaluation are emphasized. This course offers the opportunity to practice as a holistic nurse by honoring a person's journey through truly knowing, partnering, and being present with that client.

**Prerequisites:** Undergraduate level NURS360 Minimum grade of C and Undergraduate level NURS361 Minimum grade of C and Undergraduate level NURS370 Minimum grade of C and Undergraduate level NURS374 Minimum grade of C and Undergraduate level NURS375 Minimum grade of C and Undergraduate level NURS376 Minimum grade of C and Undergraduate level NURS377 Minimum grade of C

**Co-requisites:** NURS472

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

## **NURS 480 - Nurs Care of Complex Client I**

# **NURS 480 - Nurs Care of Complex Client I**

### **2 Credit Hours**

The first in a series of two, this course prepares the student to integrate knowledge from all previous courses emphasizing the interrelatedness of the mind, body, and spirit. Emphasis is placed on advanced nursing assessment of the whole person including physiologic, psychological, cultural, social/family, spiritual and quality of life impact due to illness. Acute critical illness, chronic illness, and end of life care models are studied. Emphasis is on preservation of physiologic, psychological, and sociocultural integrity and human dignity of person and families. Evidence-based practice models are used to identify the best practice in the care of the complex client and family. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS340 Minimum grade of C and Undergraduate level NURS341 Minimum grade of C and Undergraduate level NURS342 Minimum grade of C and Undergraduate level NURS343 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C and Undergraduate level NURS354 Minimum grade of C and Undergraduate level NURS355 Minimum grade of C

**Co-requisites:** NURS481

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## **NURS 481 - Nurs Care Comp Client 1 Prac**

# NURS 481 - Nurs Care Comp Client 1 Prac

## 2 Credit Hours

The first in a series of two, this practicum provides clinical experiences enabling the student to participate in the care of the complex client. Management and coordination of care in various health care settings are emphasized. Holistic assessment, intervention, and evaluation are emphasized. This course offers the opportunity to practice as a professional, holistic nurse by honoring a person's journey through truly knowing, partnering, and being present with that client. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS340 Minimum grade of C and Undergraduate level NURS341 Minimum grade of C and Undergraduate level NURS342 Minimum grade of C and Undergraduate level NURS343 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C and Undergraduate level NURS354 Minimum grade of C and Undergraduate level NURS355 Minimum grade of C

**Co-requisites:** NURS480

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

## NURS 482 - Nurs Care of Complex Client 2

# NURS 482 - Nurs Care of Complex Client 2

## 2 Credit Hours

The second in a series of two, this course builds on preparing the student to integrate knowledge from all previous courses emphasizing the interrelatedness of the mind, body, and spirit. Emphasis is placed on advanced nursing assessment of the whole person including physiologic, psychological, cultural, social/family, spiritual and quality of life impact due to illness. Acute critical illness, chronic illness, and end of life care models are studied. Emphasis is on preservation of physiologic, psychological, and sociocultural integrity and human dignity of person and families. Evidence-based practice models are used to identify the best practice in the care of the complex client and family. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS340 Minimum grade of C and Undergraduate level NURS341 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C and Undergraduate level NURS354 Minimum grade of C and Undergraduate level NURS355 Minimum grade of C and Undergraduate level NURS480 Minimum grade of C and Undergraduate level NURS481 Minimum grade of C

**Co-requisites:** NURS483

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN

**Levels:** Undergraduate

*College of Nursing Nursing*

## NURS 483 - Nurs Care Comp Client 2 Pract

# NURS 483 - Nurs Care Comp Client 2 Pract

## 2 Credit Hours

The second in a series of two, this practicum provides clinical experiences enabling the student to participate in the care of the complex client. Management and coordination of care in various health care settings are synthesized. Holistic assessment, intervention, and evaluation are prioritized. This course offers the opportunity to practice as a professional, holistic nurse by honoring a person's journey through truly knowing, partnering, and being present with that client. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS340 Minimum grade of C and Undergraduate level NURS341 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C and Undergraduate level NURS354 Minimum grade of C and Undergraduate level NURS355 Minimum grade of C and Undergraduate level NURS480 Minimum grade of C and Undergraduate level NURS481 Minimum grade of C

**Co-requisites:** NURS482

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

### **NURS 484 - Hispanic Focus Elective**

## **NURS 484 - Hispanic Focus Elective**

### **3 Credit Hours**

This course provides an in-depth look into the Hispanic culture and heritage through didactic and field experiences. The student will gain experience in using Spanish language, transcultural nursing skills and holistic care through interactions with Hispanic individuals and communities. Classroom and experiential assignments are designed as upper level nursing courses to promote competence in caring for Hispanic individuals and communities.

**Prerequisites:** SPAN201 and NURS132

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 490 - Analysis of Healthcare Info**

## **NURS 490 - Analysis of Healthcare Info**

### **3 Credit Hours**

This course is intended to provide students in healthcare disciplines with a basic knowledge of biostatistical methods utilized in health care research. The content of this course will assist the student to utilize these biostatistical methods to analyze and interpret pertinent health care research. The healthcare biostatistical methods that will be explored include scales of measurement, presentation of data, measures of central tendency, measures of variability, probability, and descriptive and inferential biostatistical methods. Testing of pertinent healthcare hypothesis and strength of relationships will be explored. Analysis of pertinent healthcare research studies will be conducted. Student must have minimum 2.7 cumulative GPA.

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

### **NURS 496 - Professnl Developmt Grad Stud**

## **NURS 496 - Professnl Developmt Grad Stud**

### **3 Credit Hours**

Using the attributes of a profession as a framework, the current state of nursing as a profession is reviewed in relation to the historical evolution of nursing and associated social and political factors. The attributes of knowledge development and standards for professional behavior (values, ethics, laws, education and practice) and the role of the professional organizations are examined. Professional responsibilities of the holistic nurse are reviewed. Concepts emphasized relate to the nurse as an instrument of healing engaged in a transpersonal human caring process, self care, care of the environment and the global community. Career development as a professional nurse in a changing society is discussed in relation to the state of the profession. Strategies for contributing to the continued development of the profession are discussed. Nursing scholarship is stressed. Student must have minimum 2.7 cumulative GPA.



**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

**NURS 498 - Senior Seminar**

## NURS 498 - Senior Seminar

### 3 Credit Hours

This seminar course to be taken in the last semester focuses on the student's transition to entry-level practice. An inspection of personal transitions within the practice of nursing are examined. This capstone course allows the student to explore the educational transition of the program and to anticipate the professional transition into practice. Leadership, management and delegation principles will be analyzed. Professional responsibilities of the holistic nurse are reviewed. Concepts emphasized relate to the nurse as an instrument of healing engaged in a transpersonal human caring process, self-care, care of the environment and the global community.

**Prerequisites:** NURS360 and NURS361 and NURS370 and NURS374 and NURS375 and NURS376 and NURS377

**Levels:** Graduate Undergraduate

*College of Nursing Nursing*

**NURS 499 - Transition to Prof Nurs**

## NURS 499 - Transition to Prof Nurs

### 2 Credit Hours

Taken in the final term, this course focuses on the student's transition to entry-level practice. An inspection of personal transitions within the practice of nursing is examined. This capstone course allows the student to explore the educational transition of the program and to anticipate the professional transition into practice. Professional responsibilities of the holistic nurse are reviewed. Concepts emphasized relate to the nurse as an instrument of healing engaged in a transpersonal human caring process, self-care, care of the environment and the global community. Accelerated course for ABSN students only.

**Prerequisites:** Undergraduate level NURS100 Minimum grade of C and Undergraduate level NURS110 Minimum grade of C and Undergraduate level NURS200 Minimum grade of C and Undergraduate level NURS201 Minimum grade of C and Undergraduate level NURS202 Minimum grade of C and Undergraduate level NURS203 Minimum grade of C and Undergraduate level NURS260 Minimum grade of C and Undergraduate level NURS261 Minimum grade of C and Undergraduate level NURS270 Minimum grade of C and Undergraduate level NURS271 Minimum grade of C and Undergraduate level NURS300 Minimum grade of C and Undergraduate level NURS301 Minimum grade of C and Undergraduate level NURS302 Minimum grade of C and Undergraduate level NURS303 Minimum grade of C and Undergraduate level NURS350 Minimum grade of C and Undergraduate level NURS351 Minimum grade of C and Undergraduate level NURS330 Minimum grade of C and Undergraduate level NURS340 Minimum grade of C and Undergraduate level NURS341 Minimum grade of C and Undergraduate level NURS352 Minimum grade of C and Undergraduate level NURS353 Minimum grade of C and Undergraduate level NURS354 Minimum grade of C and Undergraduate level NURS355 Minimum grade of C and Undergraduate level NURS430 Minimum grade of C and Undergraduate level NURS431 Minimum grade of C and Undergraduate level NURS480 Minimum grade of C and Undergraduate level NURS481 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Nursing - Accelerated

**Course Attributes:** 100 Percent Online No Set Meet, Accelerated BSN, Immersive Learning Experience

**Levels:** Undergraduate

*College of Nursing Nursing*

**NURS 500 - Health Care Ethcs-Nurse Leadrs**

## NURS 500 - Health Care Ethcs-Nurse Leadrs

### 3 Credit Hours

This course examines ethical frameworks, such as theories of justice, rights-based ethics and virtue ethics and their significance to the delivery of health care. Analysis of ethical dilemmas focuses on differentiating what are called traditional and modern ethical frameworks for decision-making. Application will be made within the parameters of nursing's metaparadigm (person, nursing, caring, healing, health, environment) using personal and professional processes of valuing, unconditional acceptance and deciding in the preservation of wholeness and dignity.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 501 - Theoretical Bases for Nurs Pra**

# **NURS 501 - Theoretical Bases for Nurs Pra**

### **3 Credit Hours**

Introduction to the role of theory in knowledge development and its relationship to nursing research, practice, and administration. Critical analysis of selected theoretical models within the discipline of nursing and of theories and concepts from other disciplines as used in nursing. Concepts related to the application of the theoretical concepts in providing holistic care are explored. Examination of the application models, theories and concepts in nursing practice, administration, and research.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 502 - Nursing Research**

# **NURS 502 - Nursing Research**

### **3 Credit Hours**

Exploration of modes of inquiry for systematic study of the application, use and evaluation of nursing innovations in clinical practice. Emphasis is placed on the identification and solution of clinical problems through scientific inquiry. Research is examined for evidence based practices which include a critical review of research studies, nurse's expertise and patient/family preferences. Discussion entails the importance of dissemination of research findings.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 505 - Health Care Informatics**

# **NURS 505 - Health Care Informatics**

### **3 Credit Hours**

This course is designed to facilitate the acquisition of knowledge essential for the master's prepared holistic nurse working in complex interprofessional technological healthcare systems. This course addresses basic computer and information management competencies. The student will also learn to manage and use healthcare data in decision making. Legal, ethical, and practical ramifications of information technology in healthcare are examined. The major focus in this course is the management of information that supports improve health outcomes.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 520 - School Health Nursing**

# **NURS 520 - School Health Nursing**

### **3 Credit Hours**

This course is an advanced study of school nursing practice as an emerging complex specialty of community-focused nursing. The emphasis is on effective health care delivery in an educational setting.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 550 - Nursing Perspectives I**

# NURS 550 - Nursing Perspectives I

## 3 Credit Hours

This course introduces the student to nursing as a profession and discipline. Content includes discussion of the roles of the professional nurse, the scope of practice, nursing history with emphasis on the holism philosophy that emanated directly from Florence Nightingale, professional organizations, and ethical/legal rights and responsibilities. Also addressed are introductory concepts leadership, holistic nursing, and culturally sensitive care including providing culturally competent spiritual care for diverse clients. Curricular concepts introduced include transition, critical thinking, communication (written and oral), and nurse as an instrument of healing.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 552 - Art & Science of Nursing

# NURS 552 - Art & Science of Nursing

## 4 Credit Hours

This course introduces the therapeutic relationship as the holistic foundation for the use of the nursing process as a systematic approach to health promotion and maintenance across the life span. Nursing therapeutics that prevent illness and promote healthy life styles with adults experiencing transitions in diverse populations are analyzed for appropriateness to promote patient safety and positive patient outcomes. Emphasis on the client as an active partner in the healing process and attentiveness to one's spirit is examined as critical components of the healing interaction. The role of transpersonal human caring and healing is emphasized with therapeutic relationships. Concepts discussed are the nurse as an instrument of healing, the psychophysiology of body mind spiritual healing, and the use of complementary/alternative therapies.

**Co-requisites:** NURS553

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 553 - Art & Science of Nursing Pract

# NURS 553 - Art & Science of Nursing Pract

## 2 Credit Hours

This course introduces methods of holistic health assessment for adult clients. Nursing therapeutics are applied to the adult client that relate to the prevention of illness and promotion of healthy life styles. Opportunities are provided for the development of competency with nursing therapeutics and communication through laboratory practice, acute clinical experiences, and community health education through the development and participation in a health fair within a culturally diverse community setting. Emphasis is on the development of critical thinking and the promotion of patient safety through the use of the nursing process, self assessment, and therapeutic communication.

**Co-requisites:** NURS552

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 554 - Essentials of Pathophysiology

# NURS 554 - Essentials of Pathophysiology

## 3 Credit Hours

This course relates normal body functioning to the physiologic changes that occur as the result of disease. The body's ability to compensate to these changes is also addressed. The course focuses on the mechanisms of the underlying disease, uniqueness of a person, and the basic concepts of disease processes in order to provide the background for preventive as well as therapeutic health care measures and practices.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 556 - Introduction to CNL for RNs**

## **NURS 556 - Introduction to CNL for RNs**

### **3 Credit Hours**

This course begins the application of the role of the clinical nurse leader providing evidence based practice in caring for diverse clients across the lifespan considering cultural and spiritual needs. The CNL role includes professional knowledge that incorporates organizational principles (leadership, ethics, and scope of practice, risk and resource management). The student will develop an understanding of the influences of nursing history and holistic care in applying the role of the CNL. Informatics facilitates the acquisition of knowledge essential for healthcare systems that are increasingly technology based. Students will demonstrate competencies in basic computer, informatics technology management, as well as managing and utilizing health care data in decision-making to improve outcomes of health care. Curricular concepts introduced include transition, critical thinking, communication, cultural competence and the nurse as an instrument for healing.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 559 - CNLMicrosystemAssess**

## **NURS 559 - CNLMicrosystemAssess**

### **1 Credit Hours**

0

**Prerequisites:** NURS558

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 560 - Nursing Perspectives II**

## **NURS 560 - Nursing Perspectives II**

### **3 Credit Hours**

This course begins the application of the role of the Clinical Nurse Leader (CNL) in caring for diverse clients across the life span. Students are introduced to the CNL competencies and apply them to the care of diverse clients. Delegation and prioritization as tools to provide safe, competent care are discussed. Growth and development and the role of the nurse in providing care, health counseling and education to guide clients and families in end of life decision making are explored.

**Prerequisites:** NURS501 and NURS502 and NURS550 and NURS552 and NURS553 and NURS554

**Co-requisites:** NURS562, NURS563, NURS564, NURS565

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 562 - Art & Sci of Family Nursing**

## **NURS 562 - Art & Sci of Family Nursing**

**4 Credit Hours**

Theoretical concepts and principles are presented to assist the student to focus on facilitating healthy outcomes for families experiencing transitions. Family transitions, developmental and situational, are explored from this theoretical perspective. Issues surrounding health illness transitions in the family are also discussed. Diversity of family life related to ethnicity/culture is emphasized. The student will be provided the opportunity to assimilate these concepts and principles to apply them to the care provided to families. The role of the holistic nurse as an educator, consultant, facilitator and partner with the client/s is emphasized.

**Prerequisites:** NURS501 and NURS502 and NURS550 and NURS552 and NURS553 and NURS554

**Co-requisites:** NURS563

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 563 - Art & Sci Fam Nurs Practicum**

## **NURS 563 - Art & Sci Fam Nurs Practicum**

### **2 Credit Hours**

Provide students with the opportunity to apply pertinent holistic nursing therapeutics in their professional nursing roles to be used with families experiencing transitions in a variety of health care settings. Experiences are provided with families in various stages of development and ethnicity. Skills in assessing, planning, implementing, and evaluating holistic nursing therapeutics for families are emphasized. Pertinent nursing theories and concepts and nursing research are explored to assist the student to collaborate with families in their attempt to accomplish health promotion and maintenance to strive for familial healthy lifestyles to meet basic human needs.

**Prerequisites:** NURS501 and NURS502 and NURS550 and NURS552 and NURS553 and NURS554

**Co-requisites:** NURS562

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 564 - Art & Science & Adult Nursing**

## **NURS 564 - Art & Science & Adult Nursing**

### **4 Credit Hours**

This course focuses on the nursing care of adults as they experience health-illness transitions. Special attention will be given to the care of older adults. The course will build on the basic sciences, social sciences, fundamentals of nursing, and pathophysiology to synthesize and critically analyze information needed to provide healthy outcomes for adults. In order to provide holistic care that addresses the individualized human responses to potential or actual alterations in health, medical-surgical, pharmacological, nutritional, and mental health interventions will be discussed.

**Prerequisites:** NURS552 and NURS553 and NURS501 and NURS502 and NURS550 and NURS554

**Co-requisites:** NURS565

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 565 - Art & Sci & Adult Nurs Pract**

## **NURS 565 - Art & Sci & Adult Nurs Pract**

### **2 Credit Hours**

This course provides students the opportunity to apply knowledge regarding the holistic nursing care of adults experiencing health-illness transitions. Strategies that are promotional, preventive and interventional will be used to advance healthy outcomes for adult clients within a health care setting. The course fosters skill in planning, implementing, and evaluating nursing care with attention to theory guided, best evidence.

**Prerequisites:** NURS552 and NURS553 and NURS501 and NURS502 and NURS550 and NURS554

**Co-requisites:** NURS564

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 580 - Patho Pharm & Assess Nurse Ed**

## **NURS 580 - Patho Pharm & Assess Nurse Ed**

### **3 Credit Hours**

This course combines needed knowledge of pathophysiology, pharmacology, and assessment for the student nurse educator. This course assumes knowledge of basic pharmacology, assessment, and pathophysiology. The course focuses on advanced pharmacology and the role of masters prepared nurse on pharmacotherapeutics. Advanced clinical application of drug therapy and concepts relating to the mechanisms of drug actions, interactions, and adverse reactions, including immunologic-idiosyncratic-allergy drug responses will be explored. In addition, emphasis is on advanced pathophysiology clinical problem-solving as it relates to adverse effects and illnesses in persons having acute, chronic, and long-term health care problems. Knowledge of pathophysiology is used to predict illness progression and response to therapy, which is used to guide and teach patients and families regarding holistic care. In addition to advanced pharmacology and pathophysiology this course prepares nurses to conduct and communicate accurate comprehensive holistic, health assessments for clients and families across the lifespan. The students learn how to perform, organize, analyze and document complete physical, psycho-social assessments. As part of health assessment the student will identify pertinent health or potential health issues including the cultural, occupational, and environmental factors integral to those issues. The student will define appropriate health preventative and maintenance strategies to address common and complex health care concerns within an evidence-based practice framework.

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 602 - Applying CNL Concepts to RNs**

## **NURS 602 - Applying CNL Concepts to RNs**

### **3 Credit Hours**

This course focuses on transitions into advanced nursing practice and the CNL role in a variety of healthcare settings from a holistic perspective by applying theory and principles of nursing leadership, clinical outcomes and care environment management. This includes team coordination addressing complex health and social issues, healthcare finance and economics, healthcare policy, informatics, quality management risk reduction, ethics, advocacy, culture, spirituality and professionalism to a variety of health care consumers. principles of disease and health promotion are applied to care across the lifespan of diverse populations while addressing lateral communication to improve appropriate, quality health services.

**Prerequisites:** NURS502 and NURS501 and NURS558 and NURS559 and NURS854

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 610 - Liability Health Care Org/Prof**

## **NURS 610 - Liability Health Care Org/Prof**

### **3 Credit Hours**

This course will provide a framework for understanding the elements of various tort actions in the health care setting, including medical malpractice and wrongful death claims. Application of the elements of various torts to facets of the health professionals' practice will be explored through the examination of applicable statutes, administrative rules and regulations, case law and legislation. The roles of Risk Management, Quality Assurance, and Medical Staff organizations in identifying and developing strategies of prevention of health care losses and performance improvement will be analyzed.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 611 - Med-Lgl Rsrch, Writing & Presn

### 2 Credit Hours

This course focuses on methods for doing research of the laws and regulations asserting control over the business and profession of medicine and other healthcare providers. The use of informatics in the research of legal principles derived from controversies involving the medical scientific world, the medical professions, pharmaceutical companies, the health care industry and those who use it is addressed. Summarizing facts gathered from a variety of sources including medical records, diagnostic studies and procedures and expert witnesses into written reports for legal interpretation is reviewed. Includes practice in the location, collection, and presentation of data for legal interpretation.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

### NURS 630 - Org Behavior for Nursing Leade

## NURS 630 - Org Behavior for Nursing Leade

### 3 Credit Hours

Administrative theory from a macro perspective including organizational structure, culture, leadership, management functions, and power. Theories and research from nursing and related disciplines will be studied.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

### NURS 632 - Mgmt Processes - Nursing Leade

## NURS 632 - Mgmt Processes - Nursing Leade

### 3 Credit Hours

Position of the nurse administrator within the complex organizational structure of health care systems (a micro perspective) The role of the nurse administrator in planning, decision making, and change is explored.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

### NURS 634 - Nurs Admin In Complex Health

## NURS 634 - Nurs Admin In Complex Health

### 3 Credit Hours

Building on content from prior courses, the focus of this course is on the holistic nurse administrator as a leader within complex health care systems at the mesosystem level. The role of the nurse administrator is explored with an emphasis on organizational theory, culture and structure, systems, leadership, strategic visioning, change, influencing behaviors, succession planning, mentoring, resource management and influences of the external and internal environment. Organizational theory and research findings from nursing and related fields are used to promote research based administrative practice. With an interdisciplinary focus and application of leadership concepts, legal and ethical concepts, project management, outcomes, safety, quality management, and stakeholder satisfaction will be examined. External regulations and reporting requirements will be discussed.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 636 - Financial Mgmt for Nursing Adm**

## **NURS 636 - Financial Mgmt for Nursing Adm**

**2 Credit Hours**

Fiscal accountability: cost accounting, budgeting and cost benefit and effectiveness analysis.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 640 - Foray into Forensic Nursing**

## **NURS 640 - Foray into Forensic Nursing**

**2 Credit Hours**

An exploration into a new specialty area of practice for registered nurses. Forensic role behaviors in several settings will be identified, and the role of the forensic nurse specialist will be introduced. This course will explore practice issues within the subspecialties of sexual assault nurse examiner, child abuse specialist, elder abuse specialist, battered woman specialist, psychiatric forensic examiner, and legal nurse consultant.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 642 - Psycho/Social/Legal Forensics**

## **NURS 642 - Psycho/Social/Legal Forensics**

**3 Credit Hours**

A comprehensive examination of the behavior, emotional responses, and cognitive decision-making of both victims and perpetrators of crime. Elements of victimology as well as the psychosocial ramifications of the criminal act on the person, the family, and the community will be explored. The expanded role of the psychiatric forensic nurse will be explored.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 646 - Violence as a Healthcare Issue**

## **NURS 646 - Violence as a Healthcare Issue**

**3 Credit Hours**

This course examines the ethical and legal responsibilities of healthcare providers and agencies working with populations at risk for interpersonal violence. Emphasis will be placed on the forensic role behaviors of the nurse specialist dealing with child abuse, elder abuse, and domestic violence.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

**NURS 648 - Found of Forensic Nursing**



# NURS 648 - Found of Forensic Nursing

## 4 Credit Hours

This course provides an evidenced-based practice (EBP) framework for nursing care of forensic population, their families as well as communities impacted by acts of violence and/or traumatic events. The EBP framework incorporates empirical and theoretical aspects from a multidisciplinary perspective in the planning and delivering nursing care. This course is intended to prepare nursing graduate students for further studies in various clinical roles such as Sexual Assault Nurse Examiner, Forensic Psychiatric Nurse, Legal Nurse Consultant, Forensic Nursing Death Investigator and/or Nurse Coroner.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 650 - Art & Sci of Adv Nursing

# NURS 650 - Art & Sci of Adv Nursing

## 6 Credit Hours

This course prepares the student to integrate knowledge from all previous courses emphasizing the interrelatedness of the mind, body, and spirit. Emphasis is placed on advanced nursing assessment of the whole person including physiologic, psychological, cultural, social/family, spiritual and quality of life impact due to illness. Acute critical illness, chronic illness, and end of life care models are studied. Emphasis is on preservation of physiologic, psychological, and sociocultural integrity and human dignity of persons and families. Evidence-based practice models are used to identify the best practice in the care of the complex client and family.

**Prerequisites:** NURS560 and NURS562 and NURS563 and NURS564 and NURS565

**Co-requisites:** NURS651

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 651 - Art & Sci Adv Nurs Practicum

# NURS 651 - Art & Sci Adv Nurs Practicum

## 3 Credit Hours

This course provides students intense opportunities to collect a holistic comprehensive health history and perform a holistic health assessment for individuals from diverse heritages across the lifespan and experience in recording and communicating a comprehensive health history. Students participate in the safe and holistic care of complex clients and manage and coordinate culturally competent client/family centered care within the interprofessional team. Holistic assessment, intervention, and evaluation are emphasized. There is opportunity to practice as a holistic nurse by honoring a client's journey through truly knowing, partnering, and being present with that client. Students utilize evidence-based practice to select the best practice in the care of the complex client.

**Prerequisites:** NURS560 and NURS562 and NURS563 and NURS564 and NURS565

**Co-requisites:** NURS650

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 652 - Art & Sci of Psych Nursing

# NURS 652 - Art & Sci of Psych Nursing

## 2 Credit Hours

The course will focus on facilitating holistic health outcomes in individuals experiencing psychiatric mental health-illness transitions. Focuses on evidence-based therapeutics utilized to assist individuals in achieving optimum mental health outcomes within a safe milieu.

**Prerequisites:** NURS560 and NURS562 and NURS563 and NURS564 and NURS565

**Co-requisites:** NURS653

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 653 - Art & Sci of Psych Nurs Pract**

# **NURS 653 - Art & Sci of Psych Nurs Pract**

#### **1 Credit Hours**

The course will focus on the application of promotive, preventive and interventive holistic nursing therapeutics in patients experiencing psychiatric mental health illness transitions. The course focuses on fostering skill in planning, implementing, and evaluating quality and safe holistic nursing therapeutics used to facilitate optimum mental health outcomes for adults.

**Prerequisites:** NURS560 and NURS562 and NURS563 and NURS564 and NURS565

**Co-requisites:** NURS652

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 654 - Advanced Pharmacology**

# **NURS 654 - Advanced Pharmacology**

#### **2 Credit Hours**

This course assumes knowledge of basic pharmacology and focuses on advanced pharmacology and the role of the clinical nurse leader on pharmacotherapeutics. Advanced clinical application of drug therapy and concepts relating to the mechanisms of drug actions, interactions, and adverse reactions, including immunologic-idiosyncratic-allergic drug responses will be explored. Emphasis is on pharmacotherapeutics and cultural/ethnic considerations. Current pharmacologic research is also incorporated in the course.

**Prerequisites:** NURS560 and NURS562 and NURS563 and NURS564 and NURS565

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 656 - Advanced Pathophysiology**

# **NURS 656 - Advanced Pathophysiology**

#### **2 Credit Hours**

This course is a continuation of NURS 554 Essentials of Pathophysiology. Emphasis is on Advanced Pathophysiology. Bedside problem-solving as it relates to adverse effects and illnesses in persons having acute, chronic and long-term health care problems are discussed. Knowledge of pathophysiology is used to predict illness progression and response to therapy which is used to guide and teach patients and families regarding care.

**Prerequisites:** NURS560 and NURS562 and NURS563 and NURS564 and NURS565

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 658 - Advanced Clinical Pharmacology

# NURS 658 - Advanced Clinical Pharmacology

### 3 Credit Hours

This course assumes basic knowledge of pharmacology and focuses on advanced pharmacology and the role of the clinical nurse leader on pharmacotherapeutics. Advanced clinical application of drug therapy and concepts relating to the mechanisms of drug actions, interactions, and adverse reactions, including immunologic-idiosyncratic-allergic drug responses will be explored. Emphasis is on pharmacotherapeutics and cultural/ethnic considerations. Current pharmacologic research is also incorporated in the course.

**Prerequisites:** NURS680 or NURS656

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 660 - Adult Learners HC Academia

# NURS 660 - Adult Learners HC Academia

### 3 Credit Hours

This course provides a framework for facilitating learning and understanding the adult learner within academia and the healthcare environment. It explores theoretical foundations, principles for teaching/learning, factors that impact readiness to learn, tips for on-line teaching, and how to create learning objectives.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 662 - Adv Technology & Simulation

# NURS 662 - Adv Technology & Simulation

### 2 Credit Hours

This course is designed for the educator who will be incorporating human patient simulation into educational programs. The course investigates the use of simulation training in health care, capabilities of human patient simulators and programming skills and techniques. The course will lead participants to understand how to implement simulation training into current and new educational opportunities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## NURS 664 - Teaching Strategies

# NURS 664 - Teaching Strategies

### 2 Credit Hours

This course provides the student with information concerning the selection and utilization of pertinent teaching strategies that can be used with adult learners pursuing knowledge within the healthcare environment. The student will obtain knowledge concerning how these teaching strategies can be used in this endeavor as well as the advantages and disadvantages of each. Selection of appropriate teaching strategies will be explored in relationship to learning styles and information to be presented. Evaluation means to ascertain the effectiveness of each strategy will also be presented.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

# **NURS 670 - Curr Assess Plan Dev Eval**

## **3 Credit Hours**

This course provides the student with necessary information needed to pursue the nurse educator role. After completion of this course, the student will be able to function as either an academic nursing faculty member or a corporate/staff nurse educator. Roles and responsibilities of nurse educators will be addressed. These responsibilities include teaching; service; scholarship; curriculum planning; curriculum/educational offering development; maintaining records; mentoring; student advising; student accommodation; application for continuing education; implementing and educational offering/didactic content; test development; and evaluation of educational offerings, students/staff, courses, and programs.

**Prerequisites:** NURS664 and NURS660

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 680 - Adv Pathophysiology Lifespan**

# **NURS 680 - Adv Pathophysiology Lifespan**

## **3 Credit Hours**

Emphasis is on pathophysiology as it relates to adverse effects and illnesses in persons having acute, chronic and long-term health case problems. Knowledge of pathophysiology is used to predict illness progression and response to therapy, which is used to guide and teach patients and families regarding care.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 690 - Healthcare Policy-Nurse Leader**

# **NURS 690 - Healthcare Policy-Nurse Leader**

## **2 Credit Hours**

This course provides an overview of health care policy, including formulating and analyzing policy at the institutional, local, state, federal, and global levels. Issues regarding the nursing work environment as well as social determinants and healthcare delivery/ regulation will be discussed. The influence of socio-cultural, economic, political, ethical, legal, and historical context on nursing and health care policy will be explored. The role of the master's prepared holistic nurse in health policy decisions in the public and private sectors will be explicated.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 695 - Special Topics**

# **NURS 695 - Special Topics**

## **1 - 3 Credit Hours**

Individual or group in depth study of a specific topic under faculty supervision. Contract with instructor required before registration.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 703 - Graduate Nursing Practicum I**

# **NURS 703 - Graduate Nursing Practicum I**

### **2 Credit Hours**

This course is designed for application of theory and principles from all previous courses, with particular emphasis in the area of concentration (administration, forensics, informatics, education, school nursing etc.). Individually modified course objectives, supervised experiences, periodic seminar discussions, and written practicum logs are methods used to facilitate the learning experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 705 - Graduate Nursing Practicum II**

# **NURS 705 - Graduate Nursing Practicum II**

### **2 Credit Hours**

This course is designed for application of theory and principles from all previous courses, with particular emphasis in the area of concentration (administration, forensics, informatics, education, school nursing etc.). Individually modified course objectives, supervised experiences, periodic seminar discussions, and written practicum logs are methods used to facilitate the learning experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 707 - School Nurse Practicum**

# **NURS 707 - School Nurse Practicum**

### **3 Credit Hours**

This course is designed as the third practicum course for students in the school nurse licensure program. It is expected that knowledge, principles and values gained from NURS 520, NURS 703, and NURS 705 will continue to be applied in NURS 707; additional skills and knowledge are added through continued synthesis and application of theory and principles from previous practicum courses and didactic courses required for school nurse licensure. Students will apply research principles taught in NURS 502 Nursing Research, to the appraisal of school health needs, and utilize content taught in EDAD 660 Curriculum Design & Teaching Strategies to design and implement health care programs. And, through communication and collaboration with others, students will establish and maintain comprehensive school health programs.

**Prerequisites:** NURS502 and NURS520 and NURS703 and NURS705 and EDSP500 and EDAD660

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 709 - Graduate Nursing Practicum III**

# **NURS 709 - Graduate Nursing Practicum III**

### **2 - 4 Credit Hours**

This course is designed for synthesis and application of theory and principles from all previous courses, with particular emphasis in the area of concentration (administration, forensics, informatics, education, school nursing, etc.) Students will develop objectives specific for their concentration and their clinical agency experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **NURS 750 - Nursing Perspectives III**

# **NURS 750 - Nursing Perspectives III**

### **3 Credit Hours**

This course focuses on theories, concepts, and strategies vital to the successful practice of the professional nurse and clinical nurse leader (CNL) in caring for diverse populations in complex healthcare systems. Strategies to enhance interprofessional communication, holistic collaborative practice, and career and professional development are addressed.

**Prerequisites:** NURS650 and NURS651 and NURS652 and NURS653 and NURS654 and NURS656

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

## **NURS 752 - Com Nurs/Pub Hlth Policy**

# **NURS 752 - Com Nurs/Pub Hlth Policy**

### **4 Credit Hours**

Provides students with exploration of the four key nursing modes in the community: community-oriented nursing practice, public health nursing, community health nursing practice and, community-based nursing practice. Promotion of health, prevention of disease in the context of a culturally diverse population is studied. Equally emphasized are the effects of changing governmental roles and structures on healthcare and the nurse's role in the political process with the goal of nurses shaping nursing practice. The nature of ethical problems, care of the environment and the role of holistic nursing in health care reform is discussed. Use of the nursing process to assess aggregates and communities, and to intervene through health education, advocacy, and with epidemiologic methods is emphasized.

**Prerequisites:** NURS650 and NURS651 and NURS652 and NURS653 and NURS654 and NURS656

**Co-requisites:** NURS753

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

## **NURS 753 - Com/Pub Hlth Nurs Practicum**

# **NURS 753 - Com/Pub Hlth Nurs Practicum**

### **2 Credit Hours**

Community Nursing/Public Health Policy Practicum: Provides opportunities to assess and analyze the strengths and needs of communities and populations through the lens of various models and frameworks. The partnership role of the community as client/teacher with the holistic nurse is emphasized. The focus is on primary prevention and culturally competent health care management using evidence-based practices to achieve public health policy goals.

**Prerequisites:** NURS650 and NURS651 and NURS652 and NURS653 and NURS654 and NURS656

**Co-requisites:** NURS752

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

## **NURS 754 - Ldrshp/Management Concepts**

# **NURS 754 - Ldrshp/Management Concepts**

### **3 Credit Hours**

This course focuses on leadership and management concepts that are essential for holistic nurse leaders at various levels throughout the healthcare organization. The focus is to prepare holistic nurse leaders for collaborative practice in complex healthcare organizations through examination and application of effective leader behaviors.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 756 - Advanced Health Assess RN**

## **NURS 756 - Advanced Health Assess RN**

### **3 Credit Hours**

This course prepares nurses to conduct and communicate accurately comprehensive holistic, health assessments for clients and families across the lifespan. The students will learn how to perform, organize, analyze and document complete physical, psycho-social assessments. As part of health assessment the student will identify pertinent health and potential health issues including the cultural, occupational, and environmental factors integral to those issues. The student will define appropriate health preventive and maintenance strategies to address common and complex health care concerns within an evidence-based practice framework. In addition to didactic and online discussions, students will practice advanced physical assessment skills in simulation laboratories and clinical setting under the guidance of preceptors.

**Prerequisites:** NURS680

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 764 - Administrative Informatics**

## **NURS 764 - Administrative Informatics**

### **3 Credit Hours**

The focus of this course is to prepare holistic nurse leaders to analyze current and emerging technologies within a microsystem and mesosystem that support safe practice environments, optimize patient safety, reduce risk and promote desired clinical outcomes. Integrate administrative decision making within an informatics systems lifecycle model. Technology policies and procedures that incorporate ethical, administrative and complexity principles for regulatory, accreditation and payer requirements will be critiqued.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 770 - Primary Care Fam Pract Role**

## **NURS 770 - Primary Care Fam Pract Role**

### **3 Credit Hours**

This course is foundational to the Family Nurse Practitioner curriculum. Within this course the student will utilize family and holistic theories needed to provide family-centered nursing care to families across the life span. This course will prepare the student to assist the family in improving or maintaining health for all members in diverse populations. Other key principles to be examined are the impact of acute/chronic or common illnesses on the family and methodologies used to promote self-care within families, particularly with family members with disabilities. Students will be prepared to provide holistic care to families experiencing transition across the lifespan. The impact of professional organizations, key leadership and management principles will be examined in relation to the care provided within a complex global healthcare area. Students must be admitted to the FNP track in order to enroll in this course.

**Prerequisites:** NURS501 and NURS502

**Co-requisites:** NURS775, NURS776

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: FNP PC Indiv/Fam/Life Span FNP PC Indiv/Fam/Life Span

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 771 - Women & Family Health Care Pra**

# **NURS 771 - Women & Family Health Care Pra**

### **1 Credit Hours**

The purpose of this course is to provide the Family Nurse Practitioner student the opportunity to apply concepts of holistic family-centered, community-based care to families including a focus on the specific periods of transition during the childbearing years. Students will engage in comprehensive assessment, development of differential diagnosis, and management of common health variations including appropriate prescription medications. Students will employ current evidenced-based practice strategies to provide safe, holistic, patient-centered care. Students will work collaboratively with other inter-professional healthcare providers to provide family-centered primary, secondary, and tertiary prevention to childbearing families across the lifespan. Students will apply the components of artistic nursing practice to childbearing families within an Ignatian and holistic worldview.

**Prerequisites:** NURS680 and NURS756 and NURS658 and NURS770

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 772 - Women & Family Health Care**

# **NURS 772 - Women & Family Health Care**

### **3 Credit Hours**

The purpose of this course is to prepare the Family Nurse Practitioner student to provide holistic family-centered, community-based care to families including a focus on the specific periods of transition during the childbearing years. Key psychosocial influences will be examined related to care provided for women and men in the context of reproductive health, a complex healthcare system, and the wider global community. Focused areas of study will include relevant reproductive physiology, advanced physical assessment, the range of concerns specific to women's health including the pharmacodynamics and pharmacokinetics that can affect pregnant, lactating women and their infants. Students will engage in comprehensive assessment, development of differential diagnosis and management of common health variations including appropriate prescription medications. The course will prepare the student to work collaboratively with other interprofessional healthcare providers to provide family-centered primary, secondary and tertiary prevention to childbearing families across the lifespan. Students will explore the components of an artistic nursing practice to the family throughout their childbearing years while considering an Ignatian and holistic worldview.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 773 - Ped & Adol Health Care Pract**

# **NURS 773 - Ped & Adol Health Care Pract**

### **1 Credit Hours**

The purpose of this course is to prepare the Family Nurse Practitioner student to apply concepts of holistic family-centered, community-based care to families with infants, children, and adolescents. Students will engage in comprehensive assessment, development of differential diagnosis, and management of common health variations including the prescription of appropriate medications. Students will work collaboratively with other inter-professional healthcare providers to provide family-centered primary, secondary, and tertiary prevention to infants, children, adolescents, and their families. Focused areas of study will include relevant pediatric pathophysiology, advanced physical assessment, the range of health concerns specific to newborns, infants, children, and adolescents including pharmacodynamics and pharmacokinetics. Students will apply the components of an artistic nursing practice to infants, children, adolescents and their families within an Ignatian and holistic worldview.

**Prerequisites:** NURS680 and NURS756 and NURS658 and NURS770

**Co-requisites:** NURS774

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate



## **NURS 774 - Pediatric & Adol Health Care**

# **NURS 774 - Pediatric & Adol Health Care**

### **3 Credit Hours**

The purpose of this course is to prepare the Family Nurse Practitioner student to provide holistic family-centered, community-based care to families with infants, children, and adolescents. Key psychological influences will be examined related to care provided for child-rearing families in the context of a complex healthcare system, and the wider global community. Focused areas of study will include relevant pediatric pathophysiology, advanced physical assessment, the range of health concerns specific to newborns, infants, children, and adolescents including pharmacodynamics and pharmacokinetics. Students will engage in comprehensive assessment, development of differential diagnosis, and management of common health variations including appropriate prescription medications. The course will prepare the student to work collaboratively with other inter-professional healthcare providers to provide family-centered primary, secondary, and tertiary prevention to child-rearing families across the lifespan. Students will explore the components of an artistic nursing practice to infants, children, adolescents and the family while considering an Ignatian and holistic worldview.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **NURS 775 - Adult & Geriatric Fam Care Pra**

# **NURS 775 - Adult & Geriatric Fam Care Pra**

### **1 Credit Hours**

The purpose of this course is to prepare the Family Nurse Practitioner student to provide holistic family-centered, community-based care experiencing acute and chronic health problems common to adult and geriatric patients. Students will engage in comprehensive assessment, development of differential diagnosis, and management of common health variations including appropriate prescription medications. Students will employ current evidence based practice strategies to provide safe, holistic, and cost effective care to the adult and geriatric patient in a variety of healthcare settings. Students will work inter-professionally to provide family-centered care including primary, secondary and tertiary prevention. Students will apply the components of artistic nursing practice to adult and geriatric clients and their families within an Ignatian and holistic worldview.

**Prerequisites:** NURS770

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **NURS 776 - Adult & Geriatric Family Care**

# **NURS 776 - Adult & Geriatric Family Care**

### **3 Credit Hours**

This course is designed to prepare the Family Nurse Practitioner with a theoretical and practice foundation of acute and chronic health care problems common to adult and geriatric patients. Emphasis is placed on health promotion, prevention, assessment, diagnosis, and interprofessional management strategies. Students use evidence-based care and clinical guidelines to provide safe, holistic and cost effective care to the adult and geriatric patient in variety of healthcare settings.

**Prerequisites:** NURS658 and NURS680 and NURS756

**Co-requisites:** NURS770, NURS775

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **NURS 777 - FNP In Practice**

# **NURS 777 - FNP In Practice**

## **2 Credit Hours**

The purpose of this course is to provide a culminating immersion experience for the Family Nurse Practitioner student. Students will provide holistic patient/family-centered, community-based care across the lifespan in a selected primary care setting. Students will integrate advanced interprofessional skills and knowledge through collaboration with non-nursing health professionals in performing advanced physical assessment, diagnosis, and care management for individuals and families.

**Prerequisites:** NURS658 and NURS680 and NURS756 and NURS770 and NURS771 and NURS772 and NURS773 and NURS774 and NURS775 and NURS776

**Co-requisites:** NURS778

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 778 - FNP Integration Seminar**

# **NURS 778 - FNP Integration Seminar**

## **1 Credit Hours**

The purpose of this course is to provide Family Nurse Practitioner (FNP) students with an opportunity to integrate all aspects of advanced nursing practice in preparation for independent FNP practice. Within this course students will explore leadership and management concepts related to the FNP role; discuss current political, legislative, economic and financial issues influencing health care and advanced nursing practice; analyze safe, effective and efficient health care delivery models, and develop strategies to advocate for high quality, ethical patient/family centered health care delivery across the lifespan. This final course will prepare FNP students to take a national FNP certification examination.

**Prerequisites:** NURS658 and NURS680 and NURS756 and NURS770 and NURS771 and NURS772 and NURS773 and NURS774 and NURS775 and NURS776

**Co-requisites:** NURS777

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 779 - Applied Interprofession Collab**

# **NURS 779 - Applied Interprofession Collab**

## **1 Credit Hours**

Interprofessional care recognizes a culture of respect, concisely clear communication, interdependent care for client-centered outcomes, and integration of services through shared decision making. This course will provide students with an opportunity to practice across disciplines in teams to meet the needs of individuals, families and the community.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 787 - FNP in Practice I**

# **NURS 787 - FNP in Practice I**

## **1 Credit Hours**

The purpose of this course is to provide a practicum experience for the FNP student, building upon the student's proficiency in comprehensive health assessment across the lifespan within the context of family, community, and culture. Using an evidence-based practice framework, the student will apply health promotion, disease prevention, and screening recommendations to assess, diagnose, and manage the most common acute and chronic conditions seen in primary care. Students will utilize advanced pathophysiology, pharmacologic interventions, and advanced assessment skills while taking a holistic approach in diagnosis and developing treatment plans for individuals and families according to current care standards in various settings.

**Prerequisites:** NURS658 and NURS680 and NURS756 and NURS770 and NURS775 and NURS776

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 789 - FNP in Practice II**

# **NURS 789 - FNP in Practice II**

### **1 Credit Hours**

The purpose of this course is to provide a culminating immersion experience for the FNP student. Students will provide holistic patient/family-centered, community-based care across the lifespan in a selected primary care setting. Students will integrate advanced interprofessional skills and knowledge through collaboration with non-nursing health professionals in performing advanced physical assessment, diagnosis, and care management for individuals and families.

**Prerequisites:** NURS658 and NURS680 and NURS756 and NURS770 and NURS775 and NURS776 and NURS787

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 797 - Scholarly Project**

# **NURS 797 - Scholarly Project**

### **2 Credit Hours**

This course incorporates the design and development of a scholarly project that demonstrates synthesis of pedagogical strategies and concepts attained throughout courses within the MSN curriculum. The project shall be aimed at addressing an identified issue in the field of nursing, the scope of which may be varied. Elements integrated into the course/project include but are not limited to: nursing theory, change theory, critical thinking, microsystem assessment, communication, EBP, research, ethical and cultural considerations, informatics strategies, health practices and care management, improvement of patient outcomes, holistic care, awareness of healthcare related issues, intrinsic and extrinsic forces, organizational frameworks and considerations, and resource utilization. Project topics must be approved by the track chair/coordinator.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 850 - Nursing Perspectives IV**

# **NURS 850 - Nursing Perspectives IV**

### **3 Credit Hours**

This course focuses on the student's transition into the role of a professional nurse and Clinical Nurse Leader. Responsibilities and behaviors expected of a Clinical Nurse Leader are discussed. Strategies for contributing to the continued development of the profession are explored.

**Prerequisites:** NURS750 and NURS864 and NURS752 and NURS753 and NURS754

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 853 - Ldrshp Practicum For RNs**

# **NURS 853 - Ldrshp Practicum For RNs**

### **6 Credit Hours**

This course is designed for synthesis and application of theory and principles from all previous courses, with particular emphasis on the role of the Clinical Nurse Leader (CNL). As an experiential course, the student will be required to demonstrate mastery of the knowledge and behaviors expected of a Clinical Nurse Leader. Professional nursing concepts include CNL competencies, holism, ethics, quality, safety, and interprofessional collaboration.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 854 - Advanced Informatics**

# **NURS 854 - Advanced Informatics**

#### **3 Credit Hours**

The focus is to improve clinical and administrative decision making through an in-depth understanding of healthcare informatics. Emphasis is on technology based health applications which support clinical, administrative, research, and educational decision making enhancing the efficacy of nursing endeavors. Current trends and issues in using, designing, and managing health care information systems will be examined.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 855 - CNL Leadership Scholarly Proj**

# **NURS 855 - CNL Leadership Scholarly Proj**

#### **2 Credit Hours**

This course requires the student to demonstrate mastery of the knowledge and behaviors expected of a clinical nurse leader. This course is the implementation and evaluation of an outcomes study that addresses a quality and safety patient care delivery issue proposed in a previous course. The outcome of this course is the scholarly project presented by the student as a demonstration of their scholarly progression through their course of study. Project management skills are demonstrated as the CNL provides leadership for ensuring interprofessional and holistic care for individual and community clients. As a capstone course, demonstration of synthesis of previous course work is expected.

**Co-requisites:** NURS853

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 857 - Lead Prac & Scholar Project**

# **NURS 857 - Lead Prac & Scholar Project**

#### **6 Credit Hours**

This course is designed for synthesis and application of theory and principles from all previous courses, with particular emphasis on the role of the Clinical Nurse Leader in clinical practice and in the completion of a scholarly project. As an experiential course, it is designed for application and immersion of the student into the practice of a registered nurse as well as the practice of the Clinical Nurse Leader with oversight by partner facility preceptors. As a capstone course, the student will be required to demonstrate mastery of the knowledge and behaviors expected of a registered nurse as well as a Clinical Nurse Leader. Professional nursing concepts include CNL competencies, holism, ethics, quality, safety, and interprofessional collaboration for individuals and communities. The scholarly project, focused within a microsystem, may include but is not limited to: conducting an outcomes focused project, implementing an evidence based practice strategy, or providing an innovative solution to care delivery.

**Restrictions:** Must be assigned one of the following Student Attributes: MIDAS Nursing Program

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 864 - Epidemiologic Methods**

# **NURS 864 - Epidemiologic Methods**

#### **3 Credit Hours**

Principles and biostatistical methods used in the study of the distribution and determinants of injury and disease through the interaction of environment and genetics in human populations (HP2020) are presented for use in the holistic development, implementation, and evaluation of primary, secondary and tertiary preventive and acute health care

services in a variety of settings. Resources for epidemiological investigations within organizations and communities are introduced. Opportunities are provided to use the epidemiological and biostatistical methods of reasoning for determining causal inferences about the distribution and determinants of injury and disease (HP2020). Evidence-based innovative and evaluative health care delivery plans for clinical prevention and population health are developed using epidemiological and biostatistical data.

**Prerequisites:** NURS502

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Population Health

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 900 - DNP Foundations**

# **NURS 900 - DNP Foundations**

### **3 Credit Hours**

This course is foundational to the Doctor of Nursing Practice (DNP) curriculum and facilitates the dynamic interplay that will occur throughout the curriculum between faculty and students as they progress on their journey of discovery. The goal of this course is to build a comprehensive perspective for students regarding the DNP role and its function within the complexities of present and future health care and the wider global community. The scientific and philosophical underpinnings of the discipline will be examined along with traditional and contemporary conceptual models. Students will explore the components of an ethical and artistic nursing practice while considering an Ignatian and holistic worldview.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 902 - Adv Evidence Based Practice**

# **NURS 902 - Adv Evidence Based Practice**

### **3 Credit Hours**

As a course that supports an essential element of advanced nursing practice within the Doctor of Nursing Practice curriculum, the goal of the course is to provide an opportunity to explore frameworks within which to examine translation of evidence into nursing practice. Critical appraisal of scholarly literature for support of best practices will be a focus of the course. Synthesis of knowledge using theories, models, and strategies for translating evidence into practice within a holistic, ethical, and artful nursing practice will continue the focus of the course within which translational science is explored. Students will integrate systems thinking with innovations that support positive patient care outcomes. Exploring the transformation of a culture that will accept proposed changes in practice is also component of the course.

**Prerequisites:** NURS900 and NURS904

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 903 - Leadership in Complex Systems**

# **NURS 903 - Leadership in Complex Systems**

### **4 Credit Hours**

This course is designed to enhance leadership skills to strengthen practice and health care delivery to individuals and populations. Care delivery models in complex healthcare systems will be explored from a framework of contemporary nursing science that is consistent with ethical, holistic nursing and healthcare goals to eliminate health disparities and lead changes that will promote safety and quality outcomes. The course will encompass in-depth analysis of select concepts or topics using an analytic framework, including advanced communication and collaboration skills, innovation and quality.

**Prerequisites:** NURS900

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 904 - Application Adv Research**

# **NURS 904 - Application Adv Research**

### **3 Credit Hours**

This course prepares the doctor of nursing practice student with the knowledge and skills of advanced research design and statistical methods for the translations of research to practice. A holistic approach to nursing care within an evidence based practice framework serves as the context to understand advanced qualitative and quantitative research design and appropriate analysis of healthcare data. The ethics of clinical research will be considered from a Jesuit tradition perspective.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 905 - Healthcare Fin and Econ**

# **NURS 905 - Healthcare Fin and Econ**

### **4 Credit Hours**

This course is designed to prepare the holistic nurse leader with the business, financial, and dialogue acumen needed for the analysis of practice quality, risks, and costs. Changes in financial structures required to support practice will be explored. Economic and ethical principles and perspectives in healthcare will be discussed in relationship to care delivery models. Budgets for practice initiatives will be examined.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 906 - Informatics for Adv Nurs Pract**

# **NURS 906 - Informatics for Adv Nurs Pract**

### **3 Credit Hours**

This course builds upon knowledge of healthcare technologies and the management of individual and aggregate level data. Leadership, knowledge, project management, and technical skills are applied within an interprofessional healthcare environment to select, use and evaluate population based healthcare information systems. Programs that evaluate and monitor outcomes of care, quality improvement, consumer use of healthcare information systems, and patient care technology will be analyzed. Legal, ethical, global, holistic and interprofessional considerations will be emphasized.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 907 - Eval & Analysis of Outcomes**

# **NURS 907 - Eval & Analysis of Outcomes**

### **4 Credit Hours**

This course will provide a framework for developing evaluation and analysis of population health outcomes. It will assist the student to develop skills in planning, measuring, and testing change for the purpose of improvement in nursing practice, patient experience, and value. Students will utilize tools for evaluation of variation in systems and learn to recognize and interpret patterns in data that demonstrate a change has occurred. Included will be the application of research/evaluation methods for appropriately collecting and analyzing data for the purpose of improving the practice environment toward the formation of a holistic and ethical healthcare system.

**Prerequisites:** NURS902

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 908 - Health Care Policy**

# **NURS 908 - Health Care Policy**

### **3 Credit Hours**

This course is designed to provide a framework with which to examine health policy issues and better comprehend the policy-making process at all levels, including institutional, local, state, regional, federal and international levels. Health policy issues related to ethics, social determinants as well as healthcare delivery regulation and financing are addressed. The leadership role as an advocate influencing health policy formation is explored. Emphasized are skills for analyzing policy processes and engaging in politically competent actions for the transformation of a holistic and ethical healthcare system which meets the needs of the public and the nursing profession.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 910 - Scholar of Adv Applic & Innov**

# **NURS 910 - Scholar of Adv Applic & Innov**

### **3 Credit Hours**

This course explores the activities that link scholarship and population health practice including grant-writing, institutional review board (IRB) process, writing for publication, and scholarly dissemination through publications and presentations. Emphasis will be placed on holistic skills to synthesize information from a variety of sources to support innovation and on clear and articulate presentation of ideas. Students will learn to use transformative leadership strategies to critically analyze their work, reflect on the work, and determine their scholarly contributions to the body of nursing knowledge particularly in regards to population health.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 911 - DNP Project Immersion I**

# **NURS 911 - DNP Project Immersion I**

### **3 Credit Hours**

This course provides an opportunity for students to apply population health leadership skills in a practice setting by planning the implementation and evaluation of a scholarly DNP project. Students develop a project proposal in collaboration with organizational stakeholders and a faculty mentor. The practice based project proposal builds upon foundations in evidence translation and implementation science acquired from previous coursework.

**Prerequisites:** NURS900 and NURS902 and NURS903 and NURS904 and NURS905 and NURS906 and NURS907 and NURS908 and NURS910

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

## **NURS 915 - DNP Project Immersion II**

# **NURS 915 - DNP Project Immersion II**

### **3 Credit Hours**

Doctoral candidates for the DNP in population health leadership degree implement an approved project plan in a clinical immersion setting in this second of three scholarly

project courses. This course focuses on ethical principles in data collection, data security, and privacy. Continued collaboration with organizational stakeholders provides an opportunity for leadership of clinical scholarship initiatives. The scholarly project plan is implemented after completion of the institutional review board process. Students begin the collection and analysis of data for evaluation of the project plan in this course.

**Prerequisites:** NURS911

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 917 - DNP Project Immersion III**

# **NURS 917 - DNP Project Immersion III**

#### **3 Credit Hours**

Implementation and evaluation of an approved project plan is completed in the third of three scholarly project courses. Candidates for the DNP in population health leadership degree continue immersion in a clinical practice setting to complete the collection and analysis of data and to report results to organizational stakeholders. Reporting and dissemination of clinical scholarship is the focus of this course.

**Prerequisites:** NURS915

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 919 - DNP Proj Immersion Extension**

# **NURS 919 - DNP Proj Immersion Extension**

#### **3 Credit Hours**

This course provides an opportunity for students to continue DNP project activities in collaboration with organizational stakeholders and a faculty project mentor. Students apply population health leadership skills in an immersion setting to the continued design, implementation, and/or evaluation of a clinical scholarly project.

**Prerequisites:** NURS911

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Nursing Nursing*

### **NURS 921 - DNP Project Immersion**

# **NURS 921 - DNP Project Immersion**

#### **1 - 12 Credit Hours**

This course provides an opportunity for students to complete their DNP project activities in collaboration with organizational stakeholders and a faculty project mentor. Students apply population health leadership skills in an immersion setting to design, implement, and evaluate of a clinical scholarly project.

**Prerequisites:** NURS900 and NURS902 and NURS903 and NURS904 and NURS905 and NURS906 and NURS907 and NURS908 and NURS910

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Nursing Nursing*

### **OCTD 501 - Applied Neuroscience in OT**



# OCTD 501 - Applied Neuroscience in OT

## 3 Credit Hours

This foundational course will introduce the Occupational Therapy Doctoral student to the structure, organization and function of the human nervous system. An integrated approach will be utilized to explore the neuroanatomy and physiology of systems and relate pathophysiology to human function with clinical relevance to occupational performance. Students will develop knowledge and competence applying neuroscience principles to disorders of the nervous system as a foundation for clinical reasoning in later coursework.

**Co-requisites:** OCTD502, OCTD505, OCTD508, OCTD510, OCTD512

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 502 - Occupational Science

# OCTD 502 - Occupational Science

## 3 Credit Hours

History of occupational science including its role in informing occupational therapy practice. Introduction to the Occupational Therapy Practice Framework, including meaning of and dynamic interplay between aspects of domains in health promotion and disease prevention. Introduction to analysis, adaptation, and grading of the Domains.

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 505 - Professional/Ethical Practice

# OCTD 505 - Professional/Ethical Practice

## 3 Credit Hours

Introduction to profession including its history, philosophical base, and professional organizations. Overview of occupational therapists' roles, practice settings and the interdisciplinary team. Includes state, national, and international professional standards and regulations with focus on professional behavior and ethical decision-making.

**Co-requisites:** OCTD501, OCTD508, OCTD510, OCTD512

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 508 - Occupational Therapy Theory

# OCTD 508 - Occupational Therapy Theory

## 3 Credit Hours

Overview of theoretical constructs that inform occupational therapy practice with focus on process of theory development, analysis, critique, and evaluation. Emphasis on occupation-based models of practice and frames of reference, and clinical reasoning for decision making in practice.

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 510 - Therapeutic Skills

# OCTD 510 - Therapeutic Skills

## **2 Credit Hours**

Introduction to Kinesiology. Skill development and proficiency demonstration of techniques covered in OCTD 510.

**Co-requisites:** OCTD512

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **OCTD 512 - Therapeutic Skills Lab**

# OCTD 512 - Therapeutic Skills Lab

## **2 Credit Hours**

Introduction to Kinesiology. Skill development and proficiency demonstration of techniques covered in OCTD 510.

**Co-requisites:** OCTD510

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **OCTD 520 - Occupational Therapy Measure**

# OCTD 520 - Occupational Therapy Measure

## **3 Credit Hours**

Introduction of principles of tests, measures and assessment in occupational therapy. Includes the principles of measurement theory, assessment process and techniques, use of outcome measures in practice, test selection, review of psychometric properties, APA measurement standards, interpreting results, potential bias, and role of occupational therapists and occupational therapy assistants.

**Prerequisites:** OCTD501 and OCTD502 and OCTD505 and OCTD508 and OCTD510 and OCTD512

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **OCTD 522 - Occupational Therapy Quant**

# OCTD 522 - Occupational Therapy Quant

## **3 Credit Hours**

First in series of four research courses, includes introduction to research process, overview of quantitative designs and methodologies, applied statistics, professional writing, initial planning of research project.

**Prerequisites:** OCTD501 and OCTD502 and OCTD505 and OCTD508 and OCTD510 and OCTD512

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 524 - Occupational Justice

# OCTD 524 - Occupational Justice

### 3 Credit Hours

Exploration of justice theories; diversity factors; contexts and culture power structures associated with life participation for marginalized persons, groups, and populations. Includes national and international policies as well as human rights' advocacy.

**Prerequisites:** OCTD501 and OCTD502 and OCTD505 and OCTD508 and OCTD510 and OCTD512

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 526 - Occupational Therapy Process

# OCTD 526 - Occupational Therapy Process

### 3 Credit Hours

Evidence-based occupational therapy processes with psychosocial conditions across the lifespan. Includes overview of psychosocial conditions; screening and evaluation, intervention planning and implementation, and discharge planning and outcome measures; and documentation. The focus of this course will be on therapeutic communications, group process, inter- and intra-professional collaboration, and professional referrals.

**Prerequisites:** OCTD501 and OCTD502 and OCTD505 and OCTD508 and OCTD510 and OCTD512

**Co-requisites:** OCTD528

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 528 - Behavioral Health Lab

# OCTD 528 - Behavioral Health Lab

### 1 Credit Hours

Experiential implementation of therapeutic processes covered in OCTD 526.

**Prerequisites:** OCTD501 and OCTD502 and OCTD505 and OCTD508 and OCTD510 and OCTD512

**Co-requisites:** OCTD526

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 530 - Focused Topic Grant Writing

# OCTD 530 - Focused Topic Grant Writing

### 1 Credit Hours

0

**Prerequisites:** OCTD520 and OCTD522 and OCTD524 and OCTD526 and OCTD528 and OCTD531 and OCTD532 and OCTD534

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

### **OCTD 531 - Occupation-Based Mvt Analysis**

# **OCTD 531 - Occupation-Based Mvt Analysis**

#### **1 Credit Hours**

An in-depth exploration of movement of the human body during occupational activities, identifying the impact of physical conditions on the human body, and determining how to prevent further deformities.

**Prerequisites:** OCTD501 and OCTD502 and OCTD505 and OCTD508 and OCTD510 and OCTD512

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

### **OCTD 534 - Capstone Overview**

# **OCTD 534 - Capstone Overview**

#### **1 Credit Hours**

Introduction to Capstone program requirements and types of projects and experiences.

**Prerequisites:** OCTD501 and OCTD502 and OCTD505 and OCTD508 and OCTD510 and OCTD512

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

### **OCTD 600 - OT Process: Pediatrics**

# **OCTD 600 - OT Process: Pediatrics**

#### **3 Credit Hours**

Implementation of occupational therapy process with pediatric populations using rehabilitative approach. Includes overview of common developmental, neurological, and orthopedic conditions served, evidence-based evaluation and interventions, and dynamics of hospital and community-based practice, including teaming and documentation.

**Prerequisites:** OCTD520 and OCTD522 and OCTD524 and OCTD526 and OCTD528 and OCTD531 and OCTD532 and OCTD534

**Co-requisites:** OCTD602

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

### **OCTD 602 - OT Process: Pediatrics Lab**

# OCTD 602 - OT Process: Pediatrics Lab

## **1 Credit Hours**

Experiential implementation of therapeutic processes covered in OCTD 600.

**Prerequisites:** OCTD520 and OCTD522 and OCTD524 and OCTD526 and OCTD528 and OCTD531 and OCTD532 and OCTD534

**Co-requisites:** OCTD600

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate

**Course Attributes:** Service Learning

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **OCTD 604 - Capstone Development**

# OCTD 604 - Capstone Development

## **3 Credit Hours**

Introduction to Capstone planning and implementation including developing a learning portfolio, applying Boyer's Scholarship Model to frame Capstone planning, identifying a site mentor, developing a bibliographic data base, and producing initial plans.

**Prerequisites:** OCTD520 and OCTD522 and OCTD524 and OCTD526 and OCTD528 and OCTD531 and OCTD532 and OCTD534

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **OCTD 606 - Scholarship II: Qual Research**

# OCTD 606 - Scholarship II: Qual Research

## **3 Credit Hours**

Second in series of three scholarship courses to include overview of qualitative designs, data collection and analysis;and scoping review proposal.

**Prerequisites:** OCTD520 and OCTD522 and OCTD524 and OCTD528 and OCTD531 and OCTD532 and OCTD534

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **OCTD 608 - Environmental Analysis**

# OCTD 608 - Environmental Analysis

## **3 Credit Hours**

Focus on environmental and contextual influences on occupational performance. Describes impact of legislation and public policy on architectural, physical, and attitudinal barriers to participation. Application of evidence-based environmental modifications, universal design, accessible design and ergonomics to eliminate barriers and enhance the occupational performance and participation of individuals and groups at home, work and in the community. Includes introduction to vocational and industrial rehabilitation.

**Prerequisites:** OCTD520 and OCTD522 and OCTD524 and OCTD526 and OCTD528 and OCTD531 and OCTD532 and OCTD534

**Co-requisites:** OCTD600, OCTD602, OCTD604, OCTD606, OCTD610, OCTD614

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **OCTD 612 - Focused Topic: Academia**

# **OCTD 612 - Focused Topic: Academia**

### **1 Credit Hours**

Students will be introduced to grants and the process of grant-writing. Includes matching projects to funding sources, using databases and resources to locate grants, and writing a grant proposal to secure funding for scholarly activities and occupational therapy programs.

**Prerequisites:** OCTD502 and OCTD504 and OCTD506 and OCTD508 and OCTD510 and OCTD512

**Co-requisites:** OCTD520, OCTD522, OCTD524, OCTD526, OCTD528, OCTD532, OCTD534

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **OCTD 614 - Level I Fieldwork Pediatrics**

# **OCTD 614 - Level I Fieldwork Pediatrics**

### **1 Credit Hours**

Student assigned to clinical site reflective of pediatric or pediatric behavioral health populations for approximately 72 hours during semester. Course includes participation in two on-campus seminars to discuss ACOTE Standards or Level I fieldwork, service delivery models and settings, inter- and intra-disciplinary team relationships, referral to specialists and relevant ethical issues. Supervisory relationships explored, professional behavior developed, and self-reflection continues.

**Prerequisites:** OCTD520 and OCTD522 and OCTD524 and OCTD526 and OCTD528 and OCTD531 and OCTD532 and OCTD534

**Co-requisites:** OCTD600, OCTD602, OCTD604, OCTD606, OCTD608, OCTD610

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## **OCTD 620 - Occupational Therapy Process**

# **OCTD 620 - Occupational Therapy Process**

### **3 Credit Hours**

Implementation of evidence-based occupational therapy processes with adult populations using biomechanical and rehabilitation approaches. Includes overview of common conditions served, evaluation and intervention, strategies including assistive devices, adaptations, and compensatory strategies. Overview of hospital and outpatient settings, discharge options, inter-professional teaming, and documentation for reimbursement.

**Prerequisites:** OCTD530 and OCTD600 and OCTD602 and OCTD604 and OCTD606 and OCTD608 and OCTD610 and OCTD614

**Co-requisites:** OCTD622

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 622 - Occ Therapy Process Adults Lab

# OCTD 622 - Occ Therapy Process Adults Lab

### 1 Credit Hours

Experiential implementation of therapeutic processes covered in OCTD 620.

**Prerequisites:** OCTD530 and OCTD600 and OCTD602 and OCTD604 and OCTD606 and OCTD608 and OCTD610 and OCTD614

**Co-requisites:** OCTD620

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 624 - Culture and Occupation

# OCTD 624 - Culture and Occupation

### 1 Credit Hours

Culture includes people's beliefs, values, behaviors, and ways of understanding. This course will assist the student in becoming a culturally competent and effective practitioner. The ability to demonstrate cultural humility is critical for client-centered practice and improved health outcomes. Culture influences all aspects of occupation. Students will begin to understand culture; cultural effectiveness in clinical and community practice, education, and research; and evaluate their cultural effectiveness. Reflective questions will challenge students to consider their own culture and ways in which they can interact with others. The course will discuss service delivery models and settings, inter- and intra-disciplinary team relationships, relevant ethical issues, cultural competence, sensitivity, and expectations for the upcoming international fieldwork experience.

**Prerequisites:** OCTD530 and OCTD600 and OCTD602 and OCTD604 and OCTD606 and OCTD608 and OCTD610 and OCTD614

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 626 - Assistive Tech for Lifespan

# OCTD 626 - Assistive Tech for Lifespan

### 3 Credit Hours

Focus on evidence-based occupational therapy process as related to high tech factors to promote participation and well-being. Includes screening for need for technology, evaluation, compensatory interventions, documentation, and funding, and referrals.

**Prerequisites:** OCTD530 and OCTD600 and OCTD602 and OCTD604 and OCTD606 and OCTD608 and OCTD610 and OCTD614

**Co-requisites:** OCTD628

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## OCTD 628 - Assistive Technology Lab

# OCTD 628 - Assistive Technology Lab

**1 Credit Hours**

Experiential implementation of therapeutic processes covered in OCTD 626.

**Prerequisites:** OCTD530 and OCTD600 and OCTD602 and OCTD604 and OCTD606 and OCTD608 and OCTD610 and OCTD614

**Co-requisites:** OCTD626

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

**OCTD 630 - Occupational Therapy Manage**

# OCTD 630 - Occupational Therapy Manage

**3 Credit Hours**

Foundations of management and supervision with focus on service delivery settings, team members, policy, liability issues, and reimbursement. Includes overview of OT/OTA roles and supervision along with responsibilities related to fieldwork supervision

**Prerequisites:** OCTD530 and OCTD600 and OCTD602 and OCTD604 and OCTD606 and OCTD608 and OCTD610 and OCTD614

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

**OCTD 633 - Scholarship III: Scholarly Stu**

# OCTD 633 - Scholarship III: Scholarly Stu

**3 Credit Hours**

This course will introduce the Occupational Therapy Doctoral student to the skills necessary to find, evaluate and synthesize and critically appraise the available literature. Students will develop knowledge and competence in in following the protocol developed in previous course to complete either a scoping review or a systematic review related to an area of interest / preferred Capstone topic.

**Prerequisites:** OCTD530 and OCTD600 and OCTD602 and OCTD604 and OCTD606 and OCTD608 and OCTD610 and OCTD614

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

**OCTD 634 - Focused Topic PAMS**

# OCTD 634 - Focused Topic PAMS

**1 Credit Hours**

Focused study on orthotic design, fabrication, application, fit, and training as well as training in use of prosthetic devices. Content extends to application of physical modalities to include indications, contraindications, and precautions.

**Prerequisites:** OCTD530 and OCTD600 and OCTD602 and OCTD604 and OCTD606 and OCTD608 and OCTD610 and OCTD614

**Restrictions:** Must be enrolled in one of the following Programs: Occupational Therapy Doctorate Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*



## OCTH 532 - Evidence-Based Practice

# OCTH 532 - Evidence-Based Practice

**1 Credit Hours**

0

**Prerequisites:** OCTD501 and OCTD502 and OCTD505 and OCTD508 and OCTD510 and OCTD512

**Co-requisites:** OCTD520, OCTD522, OCTD524, OCTD526, OCTD528, OCTD531, OCTD534

**Levels:** Graduate

*College of Professional Sci Occupational Therapy*

## ORGL 495 - Org Leadership Capstone

# ORGL 495 - Org Leadership Capstone

**3 Credit Hours**

In this capstone course, students will apply an understanding of organizational and leadership concepts, as well as effective communication skills, toward solving an organizational problem. The course will leverage community-engaged learning as students complete team-based projects. Students are expected to apply disciplinary knowledge from their minor, where appropriate, in addition to foundational knowledge and skills from the major.

**Prerequisites:** MGMT200 and MGMT314 and ( MGMT309 or MGMT312) and COMM260 and PSYC261 and ( COMM209 or CSCI230 or PSYC321 or COMM264 or ENTR305 or COMM360 or MGMT385)

**Restrictions:** Must be enrolled in one of the following Majors: Organizational Leadership Organizational Leadership Must be enrolled in one of the following Classifications: Senior

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## PAEA 600 - Philosophy & Public Affairs

# PAEA 600 - Philosophy & Public Affairs

**3 Credit Hours**

This course examines critical questions in the fields of public and environmental affairs from a philosophical perspective, with particular attention to liberalism as a political and philosophical tradition and questions of justice, fairness and equity in political and social systems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## PHIL 100 - Ethics as Intro to Philosophy

# PHIL 100 - Ethics as Intro to Philosophy

**3 Credit Hours**

An introduction to philosophical thought by way of Plato's Republic and other readings in moral philosophy. Special emphasis on justice.

**Levels:** Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 200 - Philosophical Perspectives

# PHIL 200 - Philosophical Perspectives

### 3 Credit Hours

An investigation of fundamental human questions by way of classic works of philosophy.

**Prerequisites:** PHIL100 or CORE105

**Course Attributes:** Philosophy Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 290 - Theory of Knowledge

# PHIL 290 - Theory of Knowledge

### 3 Credit Hours

An introduction to philosophical questions regarding knowledge, truth, and science by way of Descartes's Discourse on Method and other texts.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 300 - Origins of Philosophy

# PHIL 300 - Origins of Philosophy

### 3 Credit Hours

A study of the revolution in thought which created philosophy and science in ancient Greece. Pre-socratic philosophers and Sophists.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 301 - Ancient Philosophy

# PHIL 301 - Ancient Philosophy

### 3 Credit Hours

A survey of Ancient Greek Philosophy, with emphasis on Plato and Aristotle.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 302 - Medieval Christian Philosophy

# PHIL 302 - Medieval Christian Philosophy

### 3 Credit Hours

A survey of the central medieval Christian philosophers from Augustine to Ockham.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 303 - Hellenistic Philosophy

# PHIL 303 - Hellenistic Philosophy

### 3 Credit Hours

A survey of the major Hellenistic Schools in their historical context, including Epicureanism, Stoicism, Skepticism, and Neo-Platonism.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL200 or PHIL290)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 304 - Early Modern Philosophy

# PHIL 304 - Early Modern Philosophy

### 3 Credit Hours

Seventeenth and eighteenth century philosophers; conflict of ancients and moderns; response of moderns to each other on system, nature, knowledge, method, morals.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 305 - Contemporary Philosophy

# PHIL 305 - Contemporary Philosophy

### 3 Credit Hours

A treatment of philosophical movements and issues in the new millennium.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

**PHIL 306 - 20th Cent Continental Phil**

# **PHIL 306 - 20th Cent Continental Phil**

**3 Credit Hours**

One or more of the important continental philosophical movements in the twentieth century, such as phenomenology, existentialism, Marxism, post-structuralism.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

**PHIL 307 - 20th Century Analytic Phil**

# **PHIL 307 - 20th Century Analytic Phil**

**3 Credit Hours**

An examination of the movements in analytic philosophy of the past century, including the rise of logical and linguistic analysis and logical positivism.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

**PHIL 308 - Late Modern Philosophy**

# **PHIL 308 - Late Modern Philosophy**

**3 Credit Hours**

Nineteenth century philosophers. A study of the primary sources from Hegel to Nietzsche, with emphasis on continental philosophy and the consequences of Kant's thought.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

**PHIL 309 - Medieval Islamic Phil & Influe**

# **PHIL 309 - Medieval Islamic Phil & Influe**

**3 Credit Hours**

The course treats the main figures in the "golden age" of Islamic philosophy, namely, Al-Farabi, Ibn Sina (Avicenna), Al-Ghazali, and Ibn Rush'd (Averroes). It also examines how their philosophies influenced and were developed by medieval Jewish and Christian thought.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## **PHIL 310 - Existentialism**

# **PHIL 310 - Existentialism**

### **3 Credit Hours**

A study of authors such as Kierkegaard, Dostoyevsky, Nietzsche, Unamuno, Jaspers, Heidegger, Sartre, Marcel, and Camus who have investigated what it means to be an existing individual.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## **PHIL 311 - Logic**

# **PHIL 311 - Logic**

### **3 Credit Hours**

An introduction to formal logic (the study of necessary or deductive reasoning) in historical context. Both classical syllogistic logic and modern symbolic logic will be examined in connection with broader philosophical questions about the nature of thought, language, and reality.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## **PHIL 315 - Philosophy of Religion**

# **PHIL 315 - Philosophy of Religion**

### **3 Credit Hours**

Study of classic philosophical texts on religion, addressing topics such as philosophical criticisms of religious belief, attempts to prove God's existence, the problem of evil, the problem of divine foreknowledge and human freedom, and religious language.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## **PHIL 317 - Philosophy of Human Nature**

# **PHIL 317 - Philosophy of Human Nature**

**3 Credit Hours**

The principal philosophical topics relating to the nature of the human being, such as life, intellection, freedom, personhood, and community.

**Prerequisites:** ( PHIL100 or CORE105) and THEO111 and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 318 - Philosophy of Sex**

# PHIL 318 - Philosophy of Sex

**3 Credit Hours**

The course will focus on whether there is a natural purpose or teleology to human sexuality, and, if so, what it is. Is there a natural hierarchy of goods to be gained from human sexuality, or are all pleasures from human sexuality equal? The course will be divided into two parts: a naturally teleological view of sexuality in Plato, Aristotle and Aquinas; a non-teleological view of human sexuality in Freud, Firestone and Foucault; the non-teleological view will be introduced by passages from Descartes that were read in the PHIL 200 course.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 319 - Reason and Desire**

# PHIL 319 - Reason and Desire

**3 Credit Hours**

A consideration of different conceptions of human desire in Classical and Modern philosophers. Among the questions to be addressed are the general relation between reason and desire, whether we can act from reason instead of from desire, and whether we can, or should, control what desires we have.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 320 - Philosophy of Science**

# PHIL 320 - Philosophy of Science

**3 Credit Hours**

A study of philosophical problems arising out of the presuppositions, methods and results of the natural sciences, focusing particularly on the effectiveness of science as a means for obtaining knowledge.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 321 - Business Ethics

# PHIL 321 - Business Ethics

### 3 Credit Hours

Case studies of several critical issues in business, analyzed according to the contemporary context and ethical principles.

**Prerequisites:** ( PHIL100 or CORE105) and ( THEO111 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 323 - Markets & Morals

# PHIL 323 - Markets & Morals

### 3 Credit Hours

This course will explore the philosophical, especially the ethical, foundations of modern commerce and economics, raising questions about the limits, advantages and disadvantages of "market" forces in social life. We explore how thinkers such as Mandeville, Hume, Smith, Ricardo, and Malthus apply the concept of a market to topics such as manners, currency, trade, scientific invention, education, land use, population, national defense and religion.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 328 - Existentialist Phenomenology

# PHIL 328 - Existentialist Phenomenology

### 3 Credit Hours

This course examines the origins of the rigorous description of existential phenomena - including perception, knowledge, passivity, the body, finitude, death, and intersubjectivity - in the early 20th century phenomenological tradition of its founder Edmund Husserl and his student Martin Heidegger. Then the mid-20th century French existentialist appropriation of these phenomenological themes will be critically studied in some of the shorter works of, among others, Jean-Paul Sartre and Maurice Merleau-Ponty.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 329 - Bioethics

# PHIL 329 - Bioethics

### 3 Credit Hours

Moral issues arising in health care delivery, including social policy as well as clinical problems.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 331 - Philosophy and Literature**

## **PHIL 331 - Philosophy and Literature**

**3 Credit Hours**

This course explores the relation between philosophy and literature, and the way they shape our worldview. It includes the study of philosophical interpretations of various literary genres.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 333 - Phil Art-Beauty (Aesthetics)**

## **PHIL 333 - Phil Art-Beauty (Aesthetics)**

**3 Credit Hours**

Principal theories of beauty and contemplation, of art and creative intuition, of truth and symbolism of works of art.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 336 - Liberalism**

## **PHIL 336 - Liberalism**

**3 Credit Hours**

An exploration of the philosophical foundations of liberalism, primarily focused on readings from significant texts from the history of philosophy. Special focus on the relation between nature and society, freedom, equality, the idea of the social contract, rights, law, and the state.

**Prerequisites:** PHIL100 and PHIL200

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 337 - Responses to Liberalism**

## **PHIL 337 - Responses to Liberalism**



**3 Credit Hours**

An investigation of historical responses to liberalism by way of a close reading of texts in the history of political philosophy from the 18th century to the present. Special focus on the relation between nature and society, freedom and equality, the relation between custom, tradition, and societal change, and the relation between economy and state.

**Prerequisites:** PHIL100 and PHIL200

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 338 - Enlightenment & Revolution**

# PHIL 338 - Enlightenment & Revolution

**3 Credit Hours**

Evaluates the nature of political revolutions by examining the political thought preceding the French Revolution. Specific attention is paid to the meaning of revolution as a means of political change and the role of justification of violence.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 339 - Revolution & Its Aftermath**

# PHIL 339 - Revolution & Its Aftermath

**3 Credit Hours**

This course explores the theoretical articulation and response to the American and French Revolutions, paying attention to how modern political thought emerges as a dialogue about the meaning of these revolutions.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 340 - Metaphysics**

# PHIL 340 - Metaphysics

**3 Credit Hours**

Metaphysics is the science that investigates what it means to be or exist. This course will examine the nature of metaphysics, and the role it has played in the history of philosophy. Majors and minors only.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 341 - Philosophy of Time

# PHIL 341 - Philosophy of Time

### 3 Credit Hours

What is time? How is it related to change, space, and the human mind? Authors read may include Aristotle, Augustine, Kant, and Heidegger.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 342 - German Idealism

# PHIL 342 - German Idealism

### 3 Credit Hours

Study of major late eighteenth and early nineteenth century German philosophers, such as Fichte, Schelling, and Hegel. Kant may be presented as background to these thinkers. Major topics may include nature, freedom, and history.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 343 - History of Ethics

# PHIL 343 - History of Ethics

### 3 Credit Hours

Survey of the ethical theories of the ancient philosophers, of the Christian appropriation, rejection and/or development of these theories, and the relation of these theories to the distinctively modern types of ethics.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 344 - Chinese Philosophy

# PHIL 344 - Chinese Philosophy

### 3 Credit Hours

Focus on some early works of three main philosophical schools in Chinese philosophy: Confucianism, Taoism, and Zen (Ch'an) Buddhism. Other schools will be compared to these three main schools and some later developments will also be mentioned.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Asian Studies Minor, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 345 - Asian Philosophy**

# **PHIL 345 - Asian Philosophy**

**3 Credit Hours**

This course engages with some of the most important and influential texts to come out of ancient China and India. These include some of the foundational texts of Confucianism, Daoism, Hinduism, and Buddhism-traditions which span thousands of years and have both religious and philosophical dimensions.

**Prerequisites:** PHIL100 and PHIL200

**Course Attributes:** Asian Studies Minor, Humanities Elective

**Levels:** Undergraduate

*College of Professional Sci Philosophy*

### **PHIL 346 - The Scottish Enlightenment**

# **PHIL 346 - The Scottish Enlightenment**

**3 Credit Hours**

Explores the work of several 18th-century Scottish thinkers, with particular focus on the moral, political, and economic aspects of this distinct tradition of thought. Philosophers covered will include Hutcheson, Hume, Smith, and Reid.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 348 - God & Nature in Amer Phil**

# **PHIL 348 - God & Nature in Amer Phil**

**3 Credit Hours**

A study of the concepts of God, religious experience, and the relation between the divine and the natural in American philosophy, with emphasis on thinkers such as Edwards, Emerson, Thoreau, James, Royce, and Dewey.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 351 - Italian Philosophy**

# **PHIL 351 - Italian Philosophy**

**3 Credit Hours**

The main conceptual currents in the history of Italian philosophy through representative texts. Topics may include the epistemological role of the imagination as well as theories of history and politics, in such thinkers as Machiavelli, Vico, and Croce.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 354 - Classical American Philosophy**

# PHIL 354 - Classical American Philosophy

**3 Credit Hours**

A study of distinctive American philosophical movements of the nineteenth and twentieth centuries.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 355 - Foundations of Critical Theory**

# PHIL 355 - Foundations of Critical Theory

**3 Credit Hours**

An examination of the philosophical foundations of critical theory through the writings of its theoretical forerunners and representatives. Topics for consideration include philosophical conceptions of society, nature, power, oppression, justice, freedom, and art.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 357 - Natural Law & Int'l Relations**

# PHIL 357 - Natural Law & Int'l Relations

**3 Credit Hours**

This course takes a historical approach to the philosophical foundations of international law. Focused on the 17th and 18th centuries, readings include Grotius, Hobbes, Pufendorf, Vattel, and Kant.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 359 - Philosophy & Slavery

# PHIL 359 - Philosophy & Slavery

### 3 Credit Hours

A philosophical exploration of the nature of enslavement and its moral and political dimensions. Readings may include texts by Aristotle, Locke, Hegel, Douglass, and Nietzsche.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Diversity Flag, ERS Focus Elective, Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 360 - Social Contract Theory

# PHIL 360 - Social Contract Theory

### 3 Credit Hours

This course explores the history of social contract theory as a framework for political philosophy. Readings will involve the most prominent classical formulations (Hobbes, Locke, Rousseau), critical commentary (Astell, Hume), and the influence of the contractarian tradition on later political theorizing (Kant, Rawls).

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 362 - Ancient Political Philosophy

# PHIL 362 - Ancient Political Philosophy

### 3 Credit Hours

A study of ancient political philosophy with emphasis on classic texts of Plato and Aristotle.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 363 - Medieval Political Philosophy

# PHIL 363 - Medieval Political Philosophy

### 3 Credit Hours

An examination of four of the principal political philosophers of the Middle Ages (Augustine, Thomas Aquinas, William of Ockham and Marsilius of Padua) focusing on two central issues: the relation of church and state within the single entity "Christendom" and the problem of the relation of law and natural right.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Catholicism & Culture Minor, ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## **PHIL 364 - Modern Political Philosophy**

# **PHIL 364 - Modern Political Philosophy**

### **3 Credit Hours**

A study of the principal problems and texts of modern political philosophy starting from Machiavelli.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## **PHIL 366 - Aristotle**

# **PHIL 366 - Aristotle**

### **3 Credit Hours**

Study of the main philosophical works.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## **PHIL 367 - Plato**

# **PHIL 367 - Plato**

### **3 Credit Hours**

Study of selected dialogues.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## **PHIL 368 - Thomas Aquinas**

# **PHIL 368 - Thomas Aquinas**

### **3 Credit Hours**

A study of Aquinas' principal philosophical texts, especially concerning the existence and nature of God, creation, the nature of the human being, and the purpose of human life.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Catholicism & Culture Minor, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 369 - St. Augustine**

## PHIL 369 - St. Augustine

**3 Credit Hours**

An introduction to the thought of St. Augustine of Hippo, one of the greatest leaders of the early Catholic Church and one of the most important figures in medieval philosophy.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 371 - C. S. Peirce**

## PHIL 371 - C. S. Peirce

**3 Credit Hours**

An investigation of some of Peirce's most important works in metaphysics, phenomenology, philosophy of science and theory of signs.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 372 - John Locke**

## PHIL 372 - John Locke

**3 Credit Hours**

A study of the philosophy of John Locke. The course will consider a range of topics, such as epistemology, psychology, education, politics, and the relations among Locke's work in these different fields.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 373 - William James**

## PHIL 373 - William James

**3 Credit Hours**

A survey of William James' major writings including selections from his landmark work in psychology, philosophy of religion, and voluntarism. The course will conclude with an examination of his later Pragmatism and Radical Empiricism, as well as a discussion of his influence upon subsequent thought in America and Europe.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 374 - Hobbes**

# PHIL 374 - Hobbes

**3 Credit Hours**

A study of major philosophical works of Thomas Hobbes.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 375 - Kant**

# PHIL 375 - Kant

**3 Credit Hours**

A study of major philosophical works of Immanuel Kant.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 376 - Hegel**

# PHIL 376 - Hegel

**3 Credit Hours**

Introduction to the philosophical system of Hegel.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 377 - Schopenhauer**



# PHIL 377 - Schopenhauer

## 3 Credit Hours

An examination of the philosophical pessimism of Arthur Schopenhauer including his central work, "The World As Will and Representation".

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 378 - Vico

# PHIL 378 - Vico

## 3 Credit Hours

Examination of several key texts in the development of Giambattista Vico's thought, culminating in the Scienza Nuova. Themes include Vico's method, his critique of Cartesianism, his theory of history, and his rethinking of natural law.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 379 - Nietzsche

# PHIL 379 - Nietzsche

## 3 Credit Hours

An in-depth reading of several of Nietzsche's works.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 380 - Husserl

# PHIL 380 - Husserl

## 3 Credit Hours

A study of major works by Edmund Husserl, the father of phenomenology, such as Logical Investigations and Ideas I.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 382 - John Stuart Mill

# PHIL 382 - John Stuart Mill

### 3 Credit Hours

A study of the philosophy of John Stuart Mill, the 19th century proponent of utilitarian ethics and liberal political theory.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 383 - Spinoza

# PHIL 383 - Spinoza

### 3 Credit Hours

An introduction to the philosophy of Baruch Spinoza by a close reading of his most important texts, including the Ethics, the Theological Political Treatise, and the Political Treatise. The course will also attempt to understand the main themes of Spinoza's work by placing his thought in context and comparing it to the work of other philosophers, including Hobbes, Descartes, and Leibniz.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 384 - Topics In Ancient Philosophy

# PHIL 384 - Topics In Ancient Philosophy

### 3 Credit Hours

Study of selected issues and texts in ancient thought. Focus varies. This course may be taken more than once for credit if it has a different focus each time.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 385 - Topics In Medieval Philosophy

# PHIL 385 - Topics In Medieval Philosophy

### 3 Credit Hours

Study of selected issues and texts in medieval thought. Focus varies. This course may be taken more than once for credit if it has a different focus each time.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 386 - Topics In Modern Philosophy**

# **PHIL 386 - Topics In Modern Philosophy**

**3 Credit Hours**

Study of selected issues and texts in modern philosophy (17th-19th centuries). Focus varies. This course may be taken more than once for credit if it has a different focus each time.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL200 or PHIL290)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 387 - Topics In Contemporary Phil**

# **PHIL 387 - Topics In Contemporary Phil**

**3 Credit Hours**

Study of selected issues and texts in contemporary philosophy (20th-21st centuries). Focus varies. This course may be taken more than once for credit if it has a different focus each time.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 388 - Freud and Philosophy**

# **PHIL 388 - Freud and Philosophy**

**3 Credit Hours**

Examines the thought of Sigmund Freud as a coherent philosophical worldview. Building on Freud's reconstruction of human nature, we shall examine and evaluate his views on culture, society, religion, and aggression. What is more, we shall analyze and evaluate his claim to have founded a new science. Readings will cover a selection of work from Freud's career.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 389 - Topics In Ethics**

# **PHIL 389 - Topics In Ethics**

**3 Credit Hours**

Study of selected issues and texts in moral theory or applied ethics. Focus varies. This course may be taken more than once for credit if it has a different focus each time.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 390 - Topics In Political Philosophy**

# PHIL 390 - Topics In Political Philosophy

**3 Credit Hours**

Study of selected issues and texts in political theory. Focus varies. This course may be taken more than once for credit if it has a different focus each time.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 391 - Heidegger**

# PHIL 391 - Heidegger

**3 Credit Hours**

Study of Heidegger's great work, Being and Time, and of his later thought.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 395 - Directed Study**

# PHIL 395 - Directed Study

**1 - 3 Credit Hours**

Independent study related to the field of philosophy.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 396 - Topics In Theory of Knowledge**

# PHIL 396 - Topics In Theory of Knowledge

## 3 Credit Hours

Study of selected issues and texts in epistemology. Focus varies. This course may be taken more than once for credit if it has a different focus each time.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 397 - Paris Seminar Political Theory

# PHIL 397 - Paris Seminar Political Theory

## 3 Credit Hours

This program brings together faculty and students from a French university with students from Xavier to discuss realtions between the United States and Europe. Topics include economic policy, environmental issues, church-state relations, federalism, international relations and international law.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 398 - Thesis Review I

# PHIL 398 - Thesis Review I

## 1 Credit Hours

Preparation for writing the Senior Thesis.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200)

**Restrictions:** Must be enrolled in one of the following Majors: Philosophy Philos, Politics & The Public

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## PHIL 399 - Thesis Review II

# PHIL 399 - Thesis Review II

## 1 Credit Hours

A review of progress on the Senior Thesis. Graduating senior majors.

**Prerequisites:** ( PHIL100 or CORE105) and ( PHIL290 or PHIL200) and PHIL398

**Restrictions:** Must be enrolled in one of the following Majors: Philosophy Philos, Politics & The Public

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 404 - Topics in Contemporary Philos**

# **PHIL 404 - Topics in Contemporary Philos**

#### **3 Credit Hours**

Study of selected issues and texts in contemporary philosophy (20th-21st centuries). Focus varies. This course may be taken more than once for credit if it has a different focus each time.

**Prerequisites:** PHIL100 and ( PHIL290 or PHIL200)

**Restrictions:** Must be enrolled in one of the following Majors: Philos, Politics & The Public

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 408 - Topics in Theory of Knowledge**

# **PHIL 408 - Topics in Theory of Knowledge**

#### **3 Credit Hours**

Study of selected issues and texts in epistemology. Focus varies. This course may be taken more than once for credit if it has a different focus each time.

**Prerequisites:** PHIL100 and PHIL290

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHIL 442 - Seminar in Israel**

# **PHIL 442 - Seminar in Israel**

#### **3 Credit Hours**

Media, history, even our own faith communities, tend to provide us with simple narratives that boil down complex cultures, religions and conflicts into simple headlines and tweets that leave much invisible. To understand the role of religion in democracy, to understand the philosophy and approach of pluralism, we must understand the faiths themselves, but not in simple ways. In partnership with Hebrew Union College, both in Cincinnati and Jerusalem, the Philosophy, Politics and the Public program will travel to Israel to accomplish these learning goals. This course is a required preparation for that trip, as well as covering the academic work on the trip itself.

**Prerequisites:** THEO111 and PHIL100

**Restrictions:** May not be enrolled as the following Classifications: Freshman

**Course Attributes:** Philosophy Perspectives, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

### **PHYS 108 - Our Universe:Environmental Phy**

# **PHYS 108 - Our Universe:Environmental Phy**

**2 Credit Hours**

This course will examine natural and human-induced causes affecting the environment from a physics/engineering perspective. Students will first address the way science interfaces with the climate change, energy policy and sustainability, urban infrastructure, environmental health and the impact of developing economies, and the role of technology and scientific innovation in addressing the environmental problems.

**Co-requisites:** PHYS109

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 109 - Our Universe: Environ Phy Lab**

# PHYS 109 - Our Universe: Environ Phy Lab

**1 Credit Hours**

Laboratory required to accompany PHYS 108.

**Co-requisites:** PHYS108

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 110 - Our Universe: Forensic Studies**

# PHYS 110 - Our Universe: Forensic Studies

**2 Credit Hours**

This course will explain the intriguing work of crime scene investigators from a physics standpoint. Included are techniques to find out how a crime happened, e. g. ballistics, blood pattern analysis and skid marks, and techniques to investigate traces that lead to an identification of the perpetrator like bite marks, fingerprints and body fluids.

**Co-requisites:** PHYS111

**Course Attributes:** Quantitative Reason Flag Pt. 1, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 111 - Our Universe: Forensic Lab**

# PHYS 111 - Our Universe: Forensic Lab

**1 Credit Hours**

Hands-on experiences will support the material presented in the lecture.

**Co-requisites:** PHYS110

**Course Attributes:** Quantitative Reason Flag Pt. 2, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 112 - Our Universe: Color & Images**

# PHYS 112 - Our Universe: Color & Images

## 2 Credit Hours

Fascinating introductory course on light color, mirrors, lenses, photographic film, lasers, and holograms.

**Co-requisites:** PHYS113

**Course Attributes:** Nat Science Elect Lecture Core, Quantitative Reason Flag Pt. 1, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 113 - Our Universe:Color&Images Lab

# PHYS 113 - Our Universe:Color&Images Lab

## 1 Credit Hours

Laboratory required to accompany PHYS 112.

**Co-requisites:** PHYS112

**Course Attributes:** Nat Science Elect Lab Core, Quantitative Reason Flag Pt. 2, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 114 - Our Universe: Physical Science

# PHYS 114 - Our Universe: Physical Science

## 2 Credit Hours

An investigation of the physical properties of matter, mechanics, electricity, and magnetism. Inquiry is the primary method of instruction in a combined lecture and laboratory. Intended for Early and Middle Childhood Education, and Montessori Education Majors with an emphasis placed on the Ohio Academic content Standards. Satisfies science core requirement.

**Co-requisites:** PHYS115

**Restrictions:** Must be enrolled in one of the following Majors: Early Childhood Education Elementary Education Middle Childhood Education Montessori Education Primary Education (P-5) Secondary Education Special Education

**Course Attributes:** Quantitative Reason Flag Pt. 1, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 115 - Our Universe: Physical Sci Lab

# PHYS 115 - Our Universe: Physical Sci Lab

## 1 Credit Hours

Laboratory required to accompany PHYS 114.

**Co-requisites:** PHYS114

**Restrictions:** Must be enrolled in one of the following Majors: Early Childhood Education Elementary Education Middle Childhood Education Montessori Education Primary Education (P-5) Secondary Education Special Education



**Course Attributes:** Quantitative Reason Flag Pt. 2, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 116 - Our Universe: The Earth**

## **PHYS 116 - Our Universe: The Earth**

**2 Credit Hours**

An introductory course on earth, energy, and environmental science from a physics perspective.

**Co-requisites:** PHYS117

**Course Attributes:** ERS Focus Elective Pt. 1, Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 117 - Our Universe: The Earth Lab**

## **PHYS 117 - Our Universe: The Earth Lab**

**1 Credit Hours**

Laboratory required to accompany PHYS 116.

**Co-requisites:** PHYS116

**Course Attributes:** ERS Focus Elective Pt. 2, Nat Science Elect Lab Core

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 118 - Our Universe: The Sky**

## **PHYS 118 - Our Universe: The Sky**

**2 Credit Hours**

Introductory course in astronomy, focusing on basic astronomical phenomena, light, and the life cycle of stars including supernovae and black holes.

**Co-requisites:** PHYS119

**Course Attributes:** Nat Science Elect Lecture Core, Quantitative Reason Flag Pt. 1, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 119 - Our Universe: The Sky Lab**

## **PHYS 119 - Our Universe: The Sky Lab**

**1 Credit Hours**

Laboratory required to accompany PHYS 118.

**Co-requisites:** PHYS118

**Course Attributes:** Nat Science Elect Lab Core, Quantitative Reason Flag Pt. 2, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **PHYS 120 - Our Universe: The Planets**

## **PHYS 120 - Our Universe: The Planets**

#### **2 Credit Hours**

The Planets (2) Introductory course in astronomy, focusing on cycles of the sky, and description, formation, and life-cycle of our Solar System and extra-solar planetary systems. Fundamentals of astronomy are included, and this course may be taken in any sequence with PHYS 118 Our Universe: The Sky, if desired.

**Co-requisites:** PHYS121

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **PHYS 121 - Our Universe: The Planets Lab**

## **PHYS 121 - Our Universe: The Planets Lab**

#### **1 Credit Hours**

The Planets Laboratory required to accompany PHYS 120.

**Co-requisites:** PHYS120

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **PHYS 122 - Our Universe: Renewable Energy**

## **PHYS 122 - Our Universe: Renewable Energy**

#### **2 Credit Hours**

This course introduces the basic physical principles underlying various forms of renewable energy, which is contrasted with energy from fossil fuels. The present and future use of wind, solar and hydroelectric technology in our civilization is discussed. The application to the energy use in buildings is also part of this course.

**Co-requisites:** PHYS123

**Course Attributes:** Nat Science Elect Lecture Core, Quantitative Reason Flag Pt. 1, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **PHYS 123 - Our Universe: Renew Energy Lab**

## **PHYS 123 - Our Universe: Renew Energy Lab**

**1 Credit Hours**

Laboratory to accompany PHYS 122.

**Co-requisites:** PHYS122

**Course Attributes:** Nat Science Elect Lab Core, Quantitative Reason Flag Pt. 2, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 124 - Our Universe: In the Beginning**

# PHYS 124 - Our Universe: In the Beginning

**2 Credit Hours**

This course explores the historical progression of our beliefs regarding the origin and structure of the universe. Specifically, the course will present and critique cosmological models put forth by Greek philosophers, medieval theologians, and modern scientists (but with the greatest emphasis placed on modern Big Bang cosmology). One of the overall goals of the course will be to show how astronomical observations were used by each of these groups to build up their view of cosmology.

**Co-requisites:** PHYS125

**Course Attributes:** Nat Science Elect Lecture Core, Quantitative Reason Flag Pt. 1, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 125 - Our Universe: In the Beg. Lab**

# PHYS 125 - Our Universe: In the Beg. Lab

**1 Credit Hours**

Laboratory required to accompany PHYS 124 and designed to support concepts being explored in the lecture such as motion, spectra, astronomical distances and cosmological time.

**Co-requisites:** PHYS124

**Course Attributes:** Nat Science Elect Lab Core, Quantitative Reason Flag Pt. 2, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 126 - Science In Art & Arch**

# PHYS 126 - Science In Art & Arch

**2 Credit Hours**

In the course, students explore both the science of art and architecture and the science depicted in art and architecture. The first part of the course focuses on engineering. Specifically, engineering principles will be explored through a study of structures such as the Pantheon, aqueducts, the Colosseum, and Brunelleschi's dome. The second part of the course focuses on astronomy. In particular, the astronomical observations that informed the Copernican revolution and the Gregorian calendar will be explored through the use of the meridian line in the Church of Santa Maria degli Angeli (in Rome), and enriched through a visit to Giordano Bruno's statue in the Campo de' Fiori and Michelangelo's The Last Judgement in the Sistine Chapel. The last part of the course will focus on physics. Basic physics principles will be used to understand numerous topics including the properties of marble that make it ideal for sculpting figures, the principles of siphons used in Roman aqueducts, and how particle accelerators can be used to uncover "hidden text" in ancient writings and renaissance paintings.

**Co-requisites:** PHYS127

**Course Attributes:** Nat Science Elect Lecture Core, Quantitative Reason Flag Pt. 1, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 127 - Science In Art Lab**

# **PHYS 127 - Science In Art Lab**

### **1 Credit Hours**

This course, intended to serve the Rome program, explores both the science of art and architecture and the science depicted in art and architecture. The first part of the course will focus on engineering. Specifically, engineering principles will be explored through a study of structures such as the Pantheon, aqueducts, the Colosseum, and Brunelleschi's dome, as well as through a study of several of Leonardo da Vinci's inventions. The second part of the course will focus on astronomy. In particular, the astronomical observations that drove the Copernican revolution will be explored through the use of the meridian line in the Church of Santa Maria degli Angeli (in Rome), and enriched through a visit to Giordano Bruno's statue in the Campo de' Fiori and Michelangelo's The Last Judgement in the Sistine Chapel. The last part of the course will focus on physics. Basic physics principles will be used to understand the structural issues that put Michelangelo's David in peril and why the acoustics in Roman amphitheaters are so good (with the one in Ostia Antica serving as our laboratory). Finally, modern physics principles will be explored to understand how "hidden text" in ancient writings and early paintings by great masters can be uncovered using particle accelerations.

**Co-requisites:** PHYS126

**Course Attributes:** Nat Science Elect Lab Core, Quantitative Reason Flag Pt. 2, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 132 - Radiologic Physics II**

# **PHYS 132 - Radiologic Physics II**

### **2 Credit Hours**

For radiologic technology students. Energy, the structure of matter, electricity, magnetism, optics, radioactivity, and the nature and production of X-Rays.

**Prerequisites:** PHYS130

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 140 - Technical Physics**

# **PHYS 140 - Technical Physics**

### **2 Credit Hours**

For students of exercise science or occupational therapy. Kinematics, Force, Momentum. Energy. Work, Power, Heat, Temperature, Waves

**Co-requisites:** PHYS141

**Course Attributes:** Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 141 - Technical Physics Lab**

# **PHYS 141 - Technical Physics Lab**

**1 Credit Hours**

This lab accompanies PHYS 140. For students of exercise science or occupational therapy. Kinematics, Force, Momentum. Energy. Work, Power, Heat, Temperature, Waves

**Prerequisites:** Placement - Math 105 or Placement - Math 110 or Placement - Math 120 or Undergraduate level MATH105 Minimum grade of C- or Undergraduate level MATH110 Minimum grade of C- or Undergraduate level MATH120 Minimum grade of C-

**Co-requisites:** PHYS140

**Course Attributes:** Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 160 - College Physics I**

# PHYS 160 - College Physics I

**3 Credit Hours**

This algebra and trig-based course explores fundamental concepts in mechanics, including: i) kinematics; ii) force analysis; iii) conservation of energy; and iv) conservation of momentum. Strong emphasis is placed on the application of these concepts toward problem solving. Students taking this course are expected to be proficient in basic trigonometry and algebra.

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 161 - Introductory Physics Lab I**

# PHYS 161 - Introductory Physics Lab I

**1 Credit Hours**

This lab course reinforces concepts from PHYS 160 through a direct, hands on exploration of forces and motion. Emphasis is placed on conceptual understanding of lecture material, data acquisition & analysis, experimental design, and effective presentation of results.

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

**PHYS 162 - College Physics II**

# PHYS 162 - College Physics II

**3 Credit Hours**

This algebra and trig-based course utilizes fundamental concepts explored in PHYS 160 toward the study of topics including: i) waves; ii) electric and magnetic phenomena; and iii) optics. Strong emphasis is placed on the application of basic principles toward problem solving and the calculation of field structures.

**Prerequisites:** Undergraduate level PHYS160 Minimum grade of C-

**Course Attributes:** Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 163 - Introductory Physics Lab II

# PHYS 163 - Introductory Physics Lab II

### 1 Credit Hours

This lab course reinforces concepts from PHYS 162 through a direct, hands on exploration of wave and electromagnetic phenomena. Emphasis is placed on conceptual understanding of lecture material, data acquisition & analysis, experimental design, and effective presentation of results.

**Prerequisites:** Undergraduate level PHYS161 Minimum grade of C-

**Course Attributes:** Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 170 - University Physics I

# PHYS 170 - University Physics I

### 3 Credit Hours

This calculus-based course explores fundamental concepts in mechanics, including: i) kinematics; ii) force analysis; iii) conservation of energy; and iv) conservation of momentum. Strong emphasis is placed on the application of these concepts toward problem solving. Students taking this course are expected to be proficient in basic trigonometry and algebra.

**Course Attributes:** Nat Science Elect Lecture Core

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 171 - Explorations in Physics I

# PHYS 171 - Explorations in Physics I

### 1 Credit Hours

This lab course reinforces concepts from PHYS 170 through a direct, hands on exploration of forces and motion. Emphasis is placed on data acquisition and analysis, experimental design, proper notebook techniques, and effective presentation of results. A non-credit bearing component is designed to facilitate a successful student transition into the major.

**Co-requisites:** PHYS170

**Course Attributes:** Nat Science Elect Lab Core

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 172 - University Physics II

# PHYS 172 - University Physics II

### 3 Credit Hours

This calculus-based course utilizes fundamental concepts explored in PHYS 170 toward the study of topics including: i) simple harmonic motion; ii) waves; iii) ray and wave optics; and iv) electric and magnetic phenomena. Strong emphasis is placed on the application of basic principles toward problem solving and the calculation of field structures. The pre-requisites of PHYS 163 or PHYS 173 and MATH 170 or MATH 171 may also be taken as co-requisites. PHYS 173 should be taken by students considering a major in physics, applied physics, biophysics, or engineering physics.

**Prerequisites:** (Undergraduate level PHYS170 Minimum grade of C- or Undergraduate level PHYS160 Minimum grade of C-) and ( MATH169 or MATH180)

**Course Attributes:** Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **PHYS 173 - Explorations in Physics II**

## **PHYS 173 - Explorations in Physics II**

#### **1 Credit Hours**

This lab course reinforces concepts from PHYS 172 through a direct, hands on exploration of wave and electromagnetic phenomena. Emphasis is placed on data acquisition and analysis, proper notebook techniques, experimental design, and effective presentation of results. In addition, students design, construct and test a current/voltage/ohm meter.

**Co-requisites:** PHYS172

**Course Attributes:** Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

### **PHYS 206 - Adv Study Basic Physics I**

## **PHYS 206 - Adv Study Basic Physics I**

#### **3 Credit Hours**

The broad implications of the fundamental principles of general physics.

**Prerequisites:** Undergraduate level PHYS160 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

### **PHYS 207 - Adv Study Basic Physics II**

## **PHYS 207 - Adv Study Basic Physics II**

#### **3 Credit Hours**

The broad implications of the fundamental principles of general physics.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

### **PHYS 242 - Circuit Analysis**

## **PHYS 242 - Circuit Analysis**

#### **3 Credit Hours**

This course significantly extends the basic principles of A.C. and D.C. circuits explored in PHYS 172 toward a more rigorous and comprehensive analysis of circuits constructed from resistors, capacitors, and inductors. Standard methods of analysis such as: i) Kirchhoff's rules; ii) node voltages; iii) equivalent resistance, capacitance, and inductance; and iv) Thevenin's and Norton's theorems are introduced. Strong emphasis is placed on the application of these methods toward the analysis of analog circuits.

**Prerequisites:** ( MATH170 or MATH180) or Graduate level EDMS999

**Co-requisites:** PHYS243

**Course Attributes:** Quantitative Reason Flag Pt. 1

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 243 - Circuit Analysis Lab**

# **PHYS 243 - Circuit Analysis Lab**

### **1 Credit Hours**

This lab course reinforces concepts from PHYS 242 through the construction and analysis of analog and digital circuits. Students are expected to become proficient with the use of meters, function generators, and oscilloscopes, and are required to design and construct an electronic device that operates from a single-board microcontroller.

**Co-requisites:** PHYS242

**Course Attributes:** Quantitative Reason Flag Pt. 2

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 330 - Modern Physics I**

# **PHYS 330 - Modern Physics I**

### **3 Credit Hours**

This course explores how the experiments of the late 19th and early 20th century revolutionized our understanding of nature, and presents the basic principles of the two theories that emerged as a result- special relativity and quantum physics. The application of quantum theory toward an understanding of hydrogen-like atoms is presented. Emphasis is placed on the conceptual understanding of the course material and on the quantitative analysis of the physical systems explored in the course. The pre-requisite of MATH 171 or MATH 220 may also be taken as a co-requisite.

**Prerequisites:** Undergraduate level PHYS172 Minimum grade of C- and ( MATH171 or MATH220)

**Course Attributes:** Scientific Perspectives Lect

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 331 - Modern Physics I Lab**

# **PHYS 331 - Modern Physics I Lab**

### **2 Credit Hours**

The lab course reinforces concepts from PHYS 330 through the performance of several classic experiments of the late 19th and early 20th century such as the photoelectric effect,  $e/m$  for electrons, and the muon experiment. Students also learn techniques for obtaining atomic and X-ray spectra. The course builds on the basic experimental techniques developed in Explorations II, with emphasis on data and error analysis using computer software, proper notebook techniques, and effective presentation of results.

**Prerequisites:** PHYS173 or PHYS163 or ENGR173

**Co-requisites:** PHYS330

**Course Attributes:** Oral Communication Flag, Scientific Perspectives Lab

**Levels:** Graduate Undergraduate



## PHYS 340 - Modern Physics II

# PHYS 340 - Modern Physics II

### 3 Credit Hours

This course uses the principles of quantum theory developed in PHYS 330 toward the analysis of multi-electron atoms, molecular structure, and solid-state crystal structure. The course also covers natural and artificial radioactivity, nuclear reactions, high-energy physics, and fundamental particles. Emphasis is placed on the conceptual understanding of the course material and on the quantitative analysis of the physical systems explored in the course. The pre-requisites of MATH 220 or MATH 230 may be taken as co-requisites.

**Prerequisites:** Undergraduate level PHYS330 Minimum grade of C- and ( MATH220 or MATH230)

**Levels:** Graduate Undergraduate

## PHYS 341 - Modern Physics II Lab

# PHYS 341 - Modern Physics II Lab

### 1 Credit Hours

This lab course reinforces concepts introduced in PHYS 340 through direct, hands on exploration of alpha and beta decays of activated sources, gamma decay of radioactive sources, and gamma-ray attenuation. Students also learn basic principles of Geiger counters, NaI and Ge detectors, and counting statistics. The course builds on the basic experimental techniques developed in PHYS 331, with emphasis on data and error analysis, experimental design, proper notebook techniques, and effective presentation of results.

**Prerequisites:** PHYS331

**Co-requisites:** PHYS340

**Levels:** Graduate Undergraduate

## PHYS 350 - Theoretical Mechanics I

# PHYS 350 - Theoretical Mechanics I

### 3 Credit Hours

This course reinforces concepts from PHYS170 through the study of classical mechanics via the application of advanced mathematics. The course covers linear and 3D motion; oscillations (simple, damped and driven); gravitational forces; within the Newtonian and Lagrangian frameworks. Emphasis is placed on examples that use mathematical treatment of fundamental concepts.

**Prerequisites:** PHYS170 and MATH220

**Levels:** Graduate Undergraduate

## PHYS 351 - Theoretical Mechanics II

# PHYS 351 - Theoretical Mechanics II

### 3 Credit Hours

Dynamics, kinematics of particles and rigid bodies, conservation of energy and momentum, inertial matrices.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 355 - Advanced Lab**

# **PHYS 355 - Advanced Lab**

### **2 Credit Hours**

The lab experiences will complement material covered in lecture courses and/or introduce students to research grade equipment as it is used by faculty in the department. Experimental design, advanced calculus based error analysis, graphical representation of data, and effective presentation of results will be emphasized.

**Prerequisites:** PHYS330 and PHYS331

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 360 - Electromagnetism I**

# **PHYS 360 - Electromagnetism I**

### **3 Credit Hours**

This course puts the emphasis on conceptual thinking in terms of i) electric and magnetic fields; ii) electric and magnetic potentials; iii) currents and magnetic fields; iv) induction and v) Maxwell's equations in vacuum. Rigorous, higher level mathematical methods like Gauss's law, Stokes law, path integrals, polar and spherical coordinate systems will be used.

**Prerequisites:** PHYS172 and MATH220

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 361 - Electromagnetism II**

# **PHYS 361 - Electromagnetism II**

### **3 Credit Hours**

Continuation of PHYS 360.

**Prerequisites:** Undergraduate level PHYS360 Minimum grade of D

**Co-requisites:** PHYS360

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 364 - Physical Optics**

# **PHYS 364 - Physical Optics**

### **3 Credit Hours**

This course builds on the principles of the electromagnetic theory to develop a fundamental understanding of light waves and how they interact with matter and objects: Topics covered include: i) mathematics of wave motion; ii) the origin of the refractive index; iii) waves at interfaces; iv) wave packets; and v) diffraction. Emphasis is placed on the

application of mathematical techniques such as Fourier integrals toward the solution of problems.

**Prerequisites:** PHYS172 and MATH220

**Co-requisites:** PHYS365

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 365 - Physical Optics Lab**

# **PHYS 365 - Physical Optics Lab**

### **1 Credit Hours**

The lab course reinforces concepts from PHYS 364 through the performance of several experiments in Physical Optics such as the optics of the eye, diffraction, Michelson's interferometer, spatial filtering as the fundamental imaging process, polarization, fiber optics, and photography or holography. Students are expected to draw from prior lab experiences so as to work in a fairly independent manner. Emphasis is placed on experimental design, teamwork, analysis of results (including calculus based error analysis), and effective presentation of results.

**Co-requisites:** PHYS364

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 366 - Optics: Phys & Engineering**

# **PHYS 366 - Optics: Phys & Engineering**

### **3 Credit Hours**

This course provides an introduction to optical science with elementary engineering applications. Topics covered in geometrical optics include: ray tracing, aberrations, lens design, apertures and stops, photometry. Topics covered in wave optics include: phase and group velocity, Laser operation, polarization, interference, fiber optics, Fraunhofer diffraction, image formation, resolution. Analytical tools used in optical design are emphasized.

**Prerequisites:** PHYS172 and MATH220

**Co-requisites:** PHYS367

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 367 - Optics: Phys & Engineering Lab**

# **PHYS 367 - Optics: Phys & Engineering Lab**

### **1 Credit Hours**

This course accompanies PHYS 366 with hands-on experiments and opportunities to apply the acquired knowledge to the creation of working optical elements and systems.

**Co-requisites:** PHYS366

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 376 - Quantum Mechanics I**

# PHYS 376 - Quantum Mechanics I

## 3 Credit Hours

This course explores the foundations of Quantum Mechanics through a rigorous, mathematically based formalism. Solutions to Schrodinger's equation for several potential wells are presented, including the infinite and finite square well potentials, the harmonic-oscillator potential, and the Dirac delta-function potential. A matrix formalism is used to develop the theory of particle spin and its coupling to angular momentum. Emphasis is placed on mastering the mathematical techniques required for the course, and the application of those techniques toward obtaining solutions to Schrodinger's equation for various potential functions.

**Prerequisites:** MATH230

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## PHYS 377 - Quantum Mechanics II

# PHYS 377 - Quantum Mechanics II

## 3 Credit Hours

This course applies the formalism developed in PHYS 376 to central potential systems, reflection and transmission, and scattering. Several techniques are introduced for obtaining approximate solutions to Schrodinger's equations for the systems being explored. Emphasis is placed on mastering the mathematical techniques required for the course, and the application of those techniques toward obtaining approximate solutions to Schrodinger's equation for various physical systems.

**Prerequisites:** PHYS376

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## PHYS 382 - Thermodynamics

# PHYS 382 - Thermodynamics

## 3 Credit Hours

Starting from the ideal gas law, this course introduces the statistical interpretation of thermodynamics. Topics covered include: i) thermal energy and heat capacity, ii) entropy and irreversibility, iii) heat engines and refrigerators, and iv) Boltzmann Statistics.

**Prerequisites:** PHYS172 or PHYS160

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## PHYS 387 - Biophysics

# PHYS 387 - Biophysics

## 3 Credit Hours

This is an upper division physics course introducing physical techniques used to address the complexity of biological systems.

**Prerequisites:** PHYS162 or PHYS172

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## PHYS 388 - Astrophysics

# PHYS 388 - Astrophysics

## 3 Credit Hours

This course serves as a capstone course for the physics major. Emphasis is placed on applying concepts and principles of classical and modern physics developed throughout the major toward an analysis of astronomical phenomena. Topics include orbital motion, star formation and evolution, compact objects, galaxy structure and formation, and cosmology.

**Prerequisites:** PHYS340

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## PHYS 389 - Solid State Physics

# PHYS 389 - Solid State Physics

## 3 Credit Hours

This course serves as a capstone course for the physics major. Emphasis is placed on applying concepts and principles of classical and modern physics developed throughout the major toward an analysis of structural, thermal, electrical, and magnetic properties of matter in solid state. Topics include crystallography, specific heat, phonons, band theory, Fermi surfaces, and superconductivity .

**Prerequisites:** PHYS340

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## PHYS 390 - Special Studies

# PHYS 390 - Special Studies

## 3 Credit Hours

Area to be specified.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## PHYS 395 - Physics Research

# PHYS 395 - Physics Research

## 1 - 3 Credit Hours

The senior capstone experience provides students with an opportunity to undertake an independent and creative exploration of a topic in physics that is of interest to them under the guidance of a faculty mentor. This exploration can be a new endeavor, or the continuation of an ongoing project in which the student has been involved.

**Restrictions:** Must be enrolled in one of the following Majors: Applied Physics Biophysics Physics Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## PHYS 397 - Special Readings

# PHYS 397 - Special Readings

**1 - 3 Credit Hours**

Area to be specified.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

**PHYS 398 - Physics Thesis**

# PHYS 398 - Physics Thesis

**1 Credit Hours**

This senior capstone experience provides students with an opportunity to present the results of their senior research project to the Xavier community. Specifically, students are required to present a talk to members of the Physics department, present a poster at Xavier's Celebration of Student Research and Creative Activities, and write a senior thesis.

**Prerequisites:** PHYS395

**Course Attributes:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

**POLI 120 - Comparative Govt and Politics**

# POLI 120 - Comparative Govt and Politics

**3 Credit Hours**

Introduction to and comparison of political systems in several national settings.

**Course Attributes:** Social Science Elective Core

**Levels:** Undergraduate

*College of Arts & Sciences Political Science*

**POLI 140 - American Government and Politi**

# POLI 140 - American Government and Politi

**3 Credit Hours**

Introduction to the theory and practice of the American political system.

**Course Attributes:** Social Science Elective Core

**Levels:** Undergraduate

*College of Arts & Sciences Political Science*

**POLI 211 - Cincinnati History & Politics**

# POLI 211 - Cincinnati History & Politics

**3 Credit Hours**

A political history of Cincinnati with an analysis of contemporary urban politics.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 212 - Urban Admin & Public Policies**

## **POLI 212 - Urban Admin & Public Policies**

**3 Credit Hours**

Overview of the administration issues involved in governing and managing cities, particularly as they pertain to the policy making process.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 215 - French Politics**

## **POLI 215 - French Politics**

**3 Credit Hours**

Examination of government, political processes and issues in contemporary France, including relations with the U.S.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 219 - Irish Government and Politics**

## **POLI 219 - Irish Government and Politics**

**3 Credit Hours**

Examination of Irish politics, North and South, with emphasis on changes due to socioeconomic and cultural change.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 220 - Gov't & Politics of S E Asia**

## **POLI 220 - Gov't & Politics of S E Asia**

**3 Credit Hours**

A political and geographic survey of the varied and colorful countries of East Asia, in which the technological revolution is proceeding at a fast pace.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 224 - Middle East Politics**

## **POLI 224 - Middle East Politics**

**3 Credit Hours**

Examination of recent history, government, political processes and issues in the contemporary Middle East, including relations with the U.S.

**Course Attributes:** Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 229 - Politics of Cent Amer: Nicarag**

# POLI 229 - Politics of Cent Amer: Nicarag

**3 Credit Hours**

Overview of contemporary history and politics of Central America focusing on theories of revolution, development, dependency, and democracy.

**Prerequisites:** Undergraduate level THEO111 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 232 - Politics of Japan**

# POLI 232 - Politics of Japan

**3 Credit Hours**

Examination of recent history, government, political processes and issues in contemporary Japan, including relations with the U.S.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 234 - Chinese Politics**

# POLI 234 - Chinese Politics

**3 Credit Hours**

Examination of recent history, government, political processes and issues in contemporary China, including relations with the U.S.

**Course Attributes:** Asian Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 240 - State & Local Government**

# POLI 240 - State & Local Government

**3 Credit Hours**

The structure, organization, and activities of state and local government.

**Course Attributes:** Quantitative Reason Flag Full



**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 241 - Governing Cincinnati**

# **POLI 241 - Governing Cincinnati**

### **3 Credit Hours**

Examination of the politics and government of Cincinnati, including local campaign politics, policy decision-making, and the influences of local media.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 242 - Urban America**

# **POLI 242 - Urban America**

### **3 Credit Hours**

Historical development and demographic patterns of the city and its environs. Socio-cultural and ecological perspectives used to examine urban, suburban, and rural areas.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 246 - Mass Media and Politics**

# **POLI 246 - Mass Media and Politics**

### **3 Credit Hours**

Examination of the ways in which the mass media interact with and influence political processes, including campaign politics and policy-making.

**Course Attributes:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 250 - American Political Humor**

# **POLI 250 - American Political Humor**

### **3 Credit Hours**

This course will examine the role of political humor and satire in American politics and how political humor, comedy and satire shape public opinion and political outcomes. Students will analyze historical and contemporary examples of humor, comedy and satire and the impact of these forms of political communication on politics and society. Students will examine how political humor has changed over time, the different forms it has taken, and the different purposes that it has served. Students will also discuss the limits of political humor as a vehicle for social and political change and critically evaluate arguments about political humor and free speech, civility and power in modern society. Individually and in small-groups, students will develop and present humorous and satirical content of their own that speaks to historical or contemporary political or social issues.

**Course Attributes:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 275 - Politics of War and Peace**

# **POLI 275 - Politics of War and Peace**

### **3 Credit Hours**

Review of major approaches to the study of war and peace.

**Course Attributes:** ERS Focus Elective, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 277 - International Relations**

# **POLI 277 - International Relations**

### **3 Credit Hours**

The theory of international relations, nationalism, imperialism, disarmament and arms control, diplomacy, collective security.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 280 - Irish Political Culture**

# **POLI 280 - Irish Political Culture**

### **3 Credit Hours**

This course will explore various aspects of Irish political culture as it has evolved from the late 19th century. The course will survey themes such as the role of myth in the creation of Irish identity, the debated nature of Celtic identity in Ireland, the postcolonial nature of Irish society after independence, and the contemporary changes to Irish life especially secularization amidst the continuing sectarian differences that exist primarily in Northern Ireland. Films will be used to explore images and the reality of Irish life in the twentieth century as will exploration of drama, literature, poetry, television, and other artistic means to debate and challenge inherited meanings and identities.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 301 - Political Philosophy**

# **POLI 301 - Political Philosophy**

### **3 Credit Hours**

Detailed examination of basic problems in political philosophy. Emphasis is on the significance and critique of classic modernity.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 302 - Liberalism and Its Critics**

# POLI 302 - Liberalism and Its Critics

## **3 Credit Hours**

Detailed examination of the theory, practice, and critiques of liberalism.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 307 - Pol of Commerce & Character**

# POLI 307 - Pol of Commerce & Character

## **3 Credit Hours**

Detailed reading of major works on the subject of politics, commerce and character, including Locke, Montesquieu, Smith and Tocqueville. Discussion of the philosophic, moral, and political issues raised in the readings.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 308 - Rousseau's Human Poli Vision**

# POLI 308 - Rousseau's Human Poli Vision

## **3 Credit Hours**

Detailed reading of major works by Rousseau. Emphasis is on student discussion of the philosophic, moral and political issues raised by the books.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 316 - Globalization**

# POLI 316 - Globalization

## **3 Credit Hours**

Over the last decade globalization has been the cause of much hope and promise; at the same time it has been the cause of the student, worker, and environmentalist protests all over the world. The course will be an interdisciplinary examination of the political, cultural, economic, theological, and ethical dimensions of globalization. It will be team-taught by faculty from economics, political science, theology, and the E/RS program. There will also be a number of invited experts from the US and abroad who will meet with the class.

**Course Attributes:** Environ Science/Studies Elect, ERS Focus Elective, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 320 - Global Islamic Politics**

# POLI 320 - Global Islamic Politics

## **3 Credit Hours**

Introduction to the issues of global Islamic politics. Topics include the complex relationships between Islam, Muslim communities, political Islam, the modernity-tradition

dichotomy, the international relations of the Muslim world, Muslim minorities, political participation, culture, economy, violence and conflict dynamics.

**Course Attributes:** Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 321 - Politics of the Anthropocene**

# **POLI 321 - Politics of the Anthropocene**

### **3 Credit Hours**

Examination of the links between political conflict and economic and political development. Challenges to a status quo and efforts to address problems in developing areas often framed in terms of "justice." Theoretical material for the course will be drawn primarily from the literature on the international political economy of development. References will be made to case studies from the Middle East, South Asia and other contemporary and historical cases.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 329 - Public Policy Practice**

# **POLI 329 - Public Policy Practice**

### **3 Credit Hours**

The object of this course is to provide students with the analytical and practical skills to effectively influence the public policy process. It is about understanding what public policy is, who the players are, what power they have and how they use it. Students will attack these questions using research, analysis and practical engagement with legislators, administrators, interest groups, think tanks and the media.

**Prerequisites:** POLI246 and HIST408

**Co-requisites:** HIST300

**Restrictions:** Must be enrolled in one of the following Majors: Philos, Politics & The Public

**Levels:** Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 330 - Politics of Cent/East Europe**

# **POLI 330 - Politics of Cent/East Europe**

### **3 Credit Hours**

This course will concentrate on post, present, and future political developments in those eight East European countries where communist parties once ruled. Our goal is to understand the region's diversity and analyze common and diverging points of the communist and post-communist experiences.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 340 - The Presidency**

# **POLI 340 - The Presidency**

**3 Credit Hours**

The nature and function of executive power in the American political system.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 344 - The Challenge of Peace**

# POLI 344 - The Challenge of Peace

**3 Credit Hours**

In-depth exploration of the personal, political, practical, and spiritual aspects of peace.

**Course Attributes:** ERS Focus Elective, Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 345 - Pressure Groups & Congress**

# POLI 345 - Pressure Groups & Congress

**3 Credit Hours**

A study of pressure groups and group theory as it applies to the United States. Special emphasis on the structure and operation of Congress.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 347 - Supreme Ct on Civil Liberties**

# POLI 347 - Supreme Ct on Civil Liberties

**3 Credit Hours**

Detailed reading of American constitutional law cases in civil liberties & civil rights. Emphasis is on class discussion of the legal, political, social, and moral issues raised in the published opinions of Supreme Court justices.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 350 - Political Theory & Amer Polity**

# POLI 350 - Political Theory & Amer Polity

**3 Credit Hours**

Detailed reading of texts in political philosophy and American political thought with a view to understanding the American polity.

**Prerequisites:** Undergraduate level THEO111 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D

**Course Attributes:** ERS Focus Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 352 - Principles of Research**

# **POLI 352 - Principles of Research**

### **3 Credit Hours**

In-depth study of the basic steps and processes in scientific inquiry.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 359 - Campaigns, Elections & Parties**

# **POLI 359 - Campaigns, Elections & Parties**

### **3 Credit Hours**

Examination of electoral politics, political parties, and campaign processes and issues in the U.S.

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 363 - Lincoln & Debate on Slavery**

# **POLI 363 - Lincoln & Debate on Slavery**

### **3 Credit Hours**

Detailed study of the writings of Abraham Lincoln, particularly as they pertain to the conditions of human freedom under modern democracy.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 367 - Gender & Politics**

# **POLI 367 - Gender & Politics**

### **3 Credit Hours**

This writing intensive course examines the role of gender in politics, with particular attention to the causes and consequences of the underrepresentation of women in political institutions. The class considers the impact of cultural, institutional, situational and economic factors on the descriptive and substantive representation of men and women. Course content is drawn (primarily) from scholarly research in the subfield of gender and politics. The intersection of gender, race, and class are also featured prominently in course readings and class discussions. The relevance of political participation from diverse segments of society to the workings of democracy and the representation of interests in political and social institutions is central to the course.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 368 - Politics in Dictatorships**

# POLI 368 - Politics in Dictatorships

## 3 Credit Hours

This course explores different types of authoritarian systems. It surveys the economic and political developments of major authoritarian countries since the end of the Cold War.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## POLI 372 - International Political Econom

# POLI 372 - International Political Econom

## 3 Credit Hours

International political economy examines the interactions of markets and political forces. It focuses on areas for which the study of economics alone is insufficient, such as the effect of global economic activity on national interests, the durability and success of international regimes, and the international distribution of wealth and economic activities. It includes attention to the formal and informal institutions that direct development, well-being, conflict, cooperation, and rivalry.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## POLI 374 - U.S. Foreign Policy

# POLI 374 - U.S. Foreign Policy

## 3 Credit Hours

A survey of American foreign policy since World War II with special emphasis on contemporary issues.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## POLI 379 - Revolution and Change

# POLI 379 - Revolution and Change

## 3 Credit Hours

A survey of the major theoretical approaches to the processes of political and social change especially in developing countries.

**Course Attributes:** Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## POLI 381 - Politics of Western Europe

# POLI 381 - Politics of Western Europe

## 3 Credit Hours

This course will explore the political history, institutions, actors, processes, policies, and political culture of Western Europe, with particular emphasis on Germany, France, and

Great Britain. Investigation of the major issue of European integration, with focus on the changing definition, role, and significance of the European Union. Examining of current debates over the limits of a united Europe, a single European currency, and a wider EU membership. The course will also consider the political implications for Europe of the end of Communist systems in the East and the formation of new political alignments in Central and Eastern Europe, as well as Russia. Finally, we will study Europe's developing role in a new world of complex interdependence.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

### **POLI 387 - Russia/Soviet Union World Poli**

## **POLI 387 - Russia/Soviet Union World Poli**

#### **3 Credit Hours**

A survey of the role of the Soviet Union and Post-Soviet Russia in international politics

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

### **POLI 388 - Community and Political Power**

## **POLI 388 - Community and Political Power**

#### **3 Credit Hours**

0

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

### **POLI 390 - Sem: International Relations**

## **POLI 390 - Sem: International Relations**

#### **3 Credit Hours**

Senior comprehensive paper based on research methods and survey of the scholarly literature in the field.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

### **POLI 391 - Sem: American Government**

## **POLI 391 - Sem: American Government**

#### **3 Credit Hours**

Senior comprehensive paper dealing with problems of American government and politics.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*



## **POLI 392 - Internship: Policy Analysis**

# **POLI 392 - Internship: Policy Analysis**

### **1 - 6 Credit Hours**

Examination of the methods of policy analysis through hands-on experience in a relevant organization.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 393 - Advanced Political Analysis**

# **POLI 393 - Advanced Political Analysis**

### **3 Credit Hours**

Advanced Political Analysis provides students with the knowledge and skills needed to complete a political science research project that is worthy of submission to a journal and/or conference. In this course, students learn the basics of political analysis, with an emphasis on research design, data collection and quantitative methods. Advanced Political Analysis complements our department's senior seminar courses by providing students with an understanding of quantitative research methods and a familiarity with analytical tools that they can use to test their own hypotheses. The course would also be of interest to non-majors who are interested in gaining practical experience collecting and analyzing data.

**Prerequisites:** MATH116 or MATH156

**Course Attributes:** Quantitative Reason Flag Full, Social Science Elective Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 394 - Advanced Reading & Research**

# **POLI 394 - Advanced Reading & Research**

### **3 Credit Hours**

In-depth analysis of a topic or project of individual interest. Open to exceptional students upon faculty recommendation and with approval of department chairperson.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 395 - Campaign Internship**

# **POLI 395 - Campaign Internship**

### **3 - 6 Credit Hours**

POLI 395 is a guided internship course designed to be taken in conjunction with a 10-14 week campaign internship. Course readings and assignments focus on providing students with a thorough understanding of the governmental and non-governmental institutions that shape campaigns, including constitutional foundations, election systems, and ballot requirements, the districting process, and the role of parties, interest groups, and political consultants. The course also examines key theories in the discipline, including those related to incumbency advantage, strategic politicians, political ambition, descriptive and substantive representation, the influences and motivations of the American voter, the role of money in the U.S. political system, the value of incumbency, and democratic theory. This course will also provide students with the opportunity to assess major theories in light of the firsthand interactions with political actors and the direct observation of political institutions and processes that they experience over the course of their internship.

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

**POLI 396 - International Studies Internsh**

# **POLI 396 - International Studies Internsh**

**3 Credit Hours**

Examination of processes and issues in the field of international affairs through hands-on experience in a relevant organization.

**Levels:** Graduate Undergraduate

**POLI 397 - Political Internship**

# **POLI 397 - Political Internship**

**3 Credit Hours**

This is a guided internship course to be taken in conjunction with a 12-14 week internship. Students are required to work between 12 and 20 hours per week during the course of the internship (12-15 hours is recommended in the Fall and Spring semesters, 16-20 hours is recommended in the summer). Course readings, assignments, and discussions are designed to prepare students to succeed in their internship and to help them use their experiences as an intern to gain a broader understanding of politics, campaigns, and political institutions.

**Levels:** Graduate Undergraduate

**POLI 398 - Internship: City Government**

# **POLI 398 - Internship: City Government**

**3 Credit Hours**

Examination of the processes and issues in local government through hands-on experience in a political office or related organization.

**Levels:** Graduate Undergraduate

**POLI 399 - Political Comm Internship**

# **POLI 399 - Political Comm Internship**

**3 Credit Hours**

This course offers students an opportunity to investigate and participate in public policy from the vantage of politicians, campaign managers, public administrators and community-based activists. Students will analyze, compare, contrast and critique the sources, methods and motivations of elected officials, campaign strategist, voters, the media, public administrators, community council organizations, and neighborhood-based non-profits. The primary resource for the course is the on-going political process, including participating in electoral campaigns, engagement in contemporary public policy issue-examined from various perspectives in and out of government-and active involvement in neighborhood organizations and issues. The goal of the course is to teach students the theory and skills necessary to be effective public policy advocates through campaign politics, legislative politics and community-based activism.

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

## **POLI 401 - Washington DC Internship**

# **POLI 401 - Washington DC Internship**

### **3 - 9 Credit Hours**

See department for application materials.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 402 - Washington DC Intern Course**

# **POLI 402 - Washington DC Intern Course**

### **3 Credit Hours**

An elective course taken through the Washington Center for Internships and Academic seminars.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 410 - War & Peace in Lit & Film**

# **POLI 410 - War & Peace in Lit & Film**

### **3 Credit Hours**

Overview of political issues related to war and peace illustrated with examples from literature and film. Treatment of war and peace in the media from Civil War to Vietnam War.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 415 - Paris Seminar Political Theory**

# **POLI 415 - Paris Seminar Political Theory**

### **3 Credit Hours**

This program brings together faculty and students from a French university with students from Xavier to discuss relations between the United States and Europe. Topics include economic policy, environmental issues, church-state relations, federalism, international relations and international law.

**Prerequisites:** PHIL100 and PHIL290

**Course Attributes:** ERS Focus Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

## **POLI 490 - Directed Study**

# **POLI 490 - Directed Study**

**1 - 4 Credit Hours**

Opportunity to pursue a topic or project of individual interest. Subject to approval of department chairperson.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**PPUB 200 - Power and the Public**

## PPUB 200 - Power and the Public

### **3 Credit Hours**

An introduction to interdisciplinary work around themes relevant to thinking about power and the public sphere, from global (non-west or global south) and/or diversity (e.g. race, class, gender, disability) perspectives.

**Restrictions:** Must be enrolled in one of the following Majors: Philos, Politics & The Public

**Course Attributes:** Diversity Flag, Honors, Philosophy-Politics-Public PPP

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**PPUB 211 - Public Policy Practice**

## PPUB 211 - Public Policy Practice

### **3 Credit Hours**

The object of this course is to provide students with the analytical and practical skills to effectively influence the public policy process. It is about understanding what public policy is, who the players are, what power they have and how they use it. Students will attack these questions using research, analysis and practical engagement with legislators, administrators, interest groups, think tanks and the media.

**Restrictions:** Must be enrolled in one of the following Majors: Philos, Politics & The Public

**Course Attributes:** Honors, Philosophy-Politics-Public PPP

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**PPUB 246 - Civil Society and Government**

## PPUB 246 - Civil Society and Government

### **3 Credit Hours**

An investigation of the nature of civil society and its relation to government, by means of a consideration of specific institutions prominent in their interaction. Includes a student internship.

**Course Attributes:** Oral Communication Flag, Service Learning

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**PPUB 301 - Legal Internship**

## PPUB 301 - Legal Internship

### **3 Credit Hours**

The course includes an internship with a public interest law, nonprofit, or government office. Interns must successfully complete 75 hours over the course of the semester with a government or public interest law organization (PILO). The internship is designed to expand the depth of academic learning through a high impact, experiential learning opportunity in law and policy. Through your internship organization, you will learn about the populations served and understand the critical role they play in our legal and

political systems. All students will participate in a preparatory module before beginning their internship, mid-semester individual meetings, and weekly readings and discussions that include prompts to promote critical analysis and exploration of the tensions and challenges that exist within our legal and political systems

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Course Attributes:** Immersive Learning Experience, Service Learning

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**PPUB 400 - Senior Supervision**

## PPUB 400 - Senior Supervision

### 3 Credit Hours

Intensive research, writing, and discussion of an issue relevant to the public.

**Restrictions:** Must be enrolled in one of the following Majors: Philos, Politics & The Public

**Course Attributes:** Honors, Philosophy-Politics-Public PPP

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**PPUB 401 - PPP Senior Seminar**

## PPUB 401 - PPP Senior Seminar

### 3 Credit Hours

PPP Honors Program Capstone course. Investigation of questions of importance to the public.

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**PPUB 554 - Advanced Policy Analysis**

## PPUB 554 - Advanced Policy Analysis

### 3 Credit Hours

This graduate course explores the relationships among public policy development and implementation, urban sustainability, and private for-profit and not-for-profit interests. We will explore different elements of urban sustainability and how private and public interest collide and/or collude in advancing and/or impeding policies that drive sustainable practices. We will pay particular attention to government administrative entities and how policies are realized through those bureaucracies. We will then explore case studies where public investment spurred private investment successfully. And finally we will explore current public policies and private interests in the greater Cincinnati region.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Interdisciplinary Studies*

**PPUB 600 - Private Interests & Public I**

## PPUB 600 - Private Interests & Public I

### 3 Credit Hours

This course is an introduction to the historical origins of both 'private interests' and 'public goods' within the contexts of 19th- and 20th-century US economic and political history. Students will trace the overlapping histories of economic capitalism, political liberalism, and cultural modernity. We will examine how notions of private interests and public goods reflected the larger historical contexts of their age, how these concepts have changed over time, and how these concepts either conflicted or connected to create

moments of reform.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**PPUB 602 - Liberalism and Capitalism**

## PPUB 602 - Liberalism and Capitalism

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Interdisciplinary Studies*

**PSYC 101 - General Psychology**

## PSYC 101 - General Psychology

**3 Credit Hours**

General Psychology provides students with a broad introduction and appreciation for the scientific study of psychology. Psychology is a large and diverse field, and this course provides an overview of the five fundamental precepts of psychology, that is, biological psychology (e.g., neuroscience, sensation), cognitive psychology (e.g., cognition, memory), development (e.g., learning, life span development), social and personality psychology (e.g., multicultural, emotion, gender), and mental and physical health (e.g., psychological disorders, psychological therapies).

**Course Attributes:** Social Science Elective Core

**Levels:** Undergraduate

*College of Professional Sci Psychology*

**PSYC 130 - Psychology Science Perspective**

## PSYC 130 - Psychology Science Perspective

**2 Credit Hours**

Psychology Science Perspectives is designed to provide an introduction to the scientific method used in psychological research within the context of the field of psychology. This prepares students to understand basic human mental processes and behaviors, the biopsychosocial framework and sociocultural diversity of the human experience, as well as the consequences of social institutions within a changing world. Students will learn fundamentals of research design, sensation and perception, learning, memory, and other core psychological topics such as social psychology. Psychology Science Perspectives and its attached laboratory experience (Psyc 131) emphasize the importance of critical thought in evaluating psychological research.

**Co-requisites:** PSYC131

**Course Attributes:** Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Professional Sci Psychology*

**PSYC 131 - Psych-Science Perspective Lab**

## PSYC 131 - Psych-Science Perspective Lab

**1 Credit Hours**

**Co-requisites:** PSYC130

**Course Attributes:** Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Professional Sci Psychology*

## **PSYC 200 - Orientation to the Major**

# **PSYC 200 - Orientation to the Major**

### **1 Credit Hours**

The objective of this course is to provide psychology majors with an overview of a career in psychology. You will receive exposure to various careers in psychology and reflect on the psychology major as the right choice for you. You will complete self-reflection assignments regarding psychology as a choice for your major and discern the best career paths for your abilities, strengths, values, and experiences. You will also learn about career-related skills such as securing employment, writing a resume and cover letter, researching areas of interest, and networking. You will reflect on skills obtained as a psychology major (e.g., research design, critical and scientific thinking, and oral presentation skills).

**Prerequisites:** PSYC101 or ( PSYC130 and PSYC131)

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## **PSYC 210 - Statistical Techniques**

# **PSYC 210 - Statistical Techniques**

### **3 Credit Hours**

This course covers different statistical concepts and techniques, particularly as they relate to the discipline of psychology. In this course, students will learn the basic terminology and concepts of descriptive and inferential statistics used in the field of psychology. Students will also solve basic statistics problems by learning to apply appropriate statistical methods with accurate computations and interpretations. A portion of the course will be devoted to students' reading, communicating, and reasoning with quantitative information. Upon successful completion of this course, students will have the foundational and critical thinking skills to evaluate real-world problems using statistical methods and quantitative arguments.

**Co-requisites:** PSYC221, PSYC223

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Psychology

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## **PSYC 212 - Computer Statistical Analysis**

# **PSYC 212 - Computer Statistical Analysis**

### **1 Credit Hours**

In this course, students will gain knowledge about the Statistical Package for the Social Sciences (SPSS). Students will develop the skills necessary to enter and work with data in SPSS. Students will also learn how to analyze data for both descriptive and inferential statistics using SPSS. Students will also develop the skills necessary to correctly interpret results found in SPSS output and communicate those results in scientific write-ups. Upon successful completion of this course, students will have the foundational skills to manage and analyze data using SPSS, as well as appropriately interpret and communicate in writing results found in SPSS.

**Co-requisites:** PSYC222, PSYC224

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 220 - Psychology Research

# PSYC 220 - Psychology Research

### 3 Credit Hours

Psychology Research provides a basic exploration of the scientific method as applied to psychology. The course prepares students to understand the scientific process and the importance of sound methodology in psychological research, identify the strengths and weaknesses of various types of research designs, and develop the skills necessary to critically evaluate scientific and pseudoscientific claims. Work in this course will enhance your critical thinking and reasoning skills so that you can be an informed consumer of information.

**Prerequisites:** MATH116 or MATH156 or ( PSYC210 and PSYC212) or BAIS210

**Restrictions:** Must be enrolled in one of the following Minors: Psychology

**Levels:** Undergraduate

*College of Professional Sci Psychology*

## PSYC 221 - Research Meth & Design I

# PSYC 221 - Research Meth & Design I

### 2 Credit Hours

Research Methods & Design I provides a basic exploration of the scientific method as applied to psychology. The course prepares students to understand the scientific process and the importance of sound methodology in psychological research, develop the skills necessary to critically evaluate research, as well as design research studies to answer questions of relevance to psychology. Research Methods & Design I and its associated laboratory experience (Psyc 223) emphasize the importance of critical thought in consuming psychological research.

**Co-requisites:** PSYC210, PSYC223

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Psychology

**Course Attributes:** Scientific Perspectives Lect, Writing Flag Pt. 1

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 222 - Research Meth & Design II

# PSYC 222 - Research Meth & Design II

### 2 Credit Hours

Building on the information obtained in Research Method and Design I (Psyc 221), Research Methods & Design II offers an advanced exploration of how scientists perform and report experimental research in the psychological sciences. The course provides students the opportunity to experience conducting, analyzing, and reporting (i.e., writing and presenting) basic psychological research. Research Methods & Design II and its associated laboratory experience (Psyc 224) emphasize the importance of critical thought in consuming and producing psychological research.

**Prerequisites:** PSYC210 and PSYC221

**Co-requisites:** PSYC212, PSYC224

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 223 - Research Meth & Design I Lab

# PSYC 223 - Research Meth & Design I Lab

### 1 Credit Hours

Development of hypotheses, design and carry out psychological research, analyze data and interpret results. Required for psychology majors, minors and honors students.



**Co-requisites:** PSYC221

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Psychology

**Course Attributes:** Scientific Perspectives Lab, Writing Flag Pt. 2

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 224 - Research Meth & Design II Lab**

## **PSYC 224 - Research Meth & Design II Lab**

**1 Credit Hours**

Development of hypotheses, design, and carry out psychological research, analyze data and interpret results. Required for psychology majors.

**Prerequisites:** PSYC210 and PSYC221

**Co-requisites:** PSYC212, PSYC222

**Restrictions:** Must be enrolled in one of the following Majors: Psychology

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 231 - Developmental Psychology**

## **PSYC 231 - Developmental Psychology**

**3 Credit Hours**

Review of human physical, cognitive, social, and personality development across the lifespan from conception to death. Students will encounter theories and research examining important developmental questions such as the relative influences of nature and nurture, and the role of cultural and individual diversity in human development. Emphasis is placed on both normal development and problems that can arise during each period of the lifespan.

**Course Attributes:** Social Science Elective Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 233 - Adolescent Psychology**

## **PSYC 233 - Adolescent Psychology**

**3 Credit Hours**

This course examines a broad range of topics related to adolescent development, including biological, cognitive, emotional, and social development. Students will be exposed to theories of adolescent development as well as contemporary research findings regarding adolescence. Students will also explore various contexts of adolescent development, including culture, schools, peers, and family. This course also examines factors related to healthy adolescent development as well as problems in development. Through this course, students will be able to apply theory and research evidence related to adolescent development to enhance their understanding of key developmental tasks and challenges facing youth.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 245 - Culture and Psychology**

## **PSYC 245 - Culture and Psychology**

**3 Credit Hours**

This course examines the important (and wonderful) influence of culture on our lives. Students will examine psychological principles, theory, and research through exploration of cultural similarities and differences, both within and across cultures. Topics include the interplay between culture and cognition, emotion, development, communication, and social behavior. Students will have the opportunity to apply and build upon what they learn in the course through projects, reflection, and community engaged learning (when the course is listed with this designation).

**Prerequisites:** PSYC101 or PSYC130

**Course Attributes:** Diversity Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 261 - Social Psychology**

# PSYC 261 - Social Psychology

**3 Credit Hours**

This course is to introduce the concepts, theories, and research in the field of Social Psychology. Students will learn to apply these concepts to understanding social interactions and how the environment can affect one's behavior. Students will also learn about current social psychological research and to evaluate these concepts and theories in a critical manner.

**Course Attributes:** Social Science Elective Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 267 - Treating Sex Offenders & Vict**

# PSYC 267 - Treating Sex Offenders & Vict

**1 Credit Hours**

This workshop is intended to be an introduction to assessing and treating sex offenders, the people they have abused, and other family members. Models of understanding different types of sex offense will be discussed as a means of articulating how best to understand and treat offenders. The impact of the offense on the family will be discussed on a theoretical level will be discussed along with means to assess this with particular families and treatment goals to work towards in family reconciliation where that is a relatively safe, desirable and achievable outcome.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 271 - Intro to Emotionally Dist Chld**

# PSYC 271 - Intro to Emotionally Dist Chld

**3 Credit Hours**

Symptoms of maladaptive behavior in youngsters. Evaluation of etiological factors. Personality disorders, services, facilities, and agencies for treatment.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 276 - Psychology of Delinquency**

# PSYC 276 - Psychology of Delinquency

**2 Credit Hours**

Types and causes of juvenile delinquency together with brief case histories.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 277 - Psychological Disorders**

# **PSYC 277 - Psychological Disorders**

#### **3 Credit Hours**

Introduction to mental disorders from several different theoretical and treatment perspectives. Focus will be on diagnosis, etiology, and treatment. The goals of the course include greater awareness and knowledge of psychopathology in hopes that we can reduce the suffering and stigma associated with mental disorders.

**Course Attributes:** Population Health, Social Science Elective Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 285 - Psychology of Religion**

# **PSYC 285 - Psychology of Religion**

#### **3 Credit Hours**

This course examines the basic terminology of the psychology of religion as it has been described (and sometimes debated) by the scholars in the field. We will study in some depth the dimensions of religion that have been demonstrated to have implications for the various domains of psychology, that is, aspects of religion that serve psychological functions.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 301 - History&Systems of Psychology**

# **PSYC 301 - History&Systems of Psychology**

#### **3 Credit Hours**

The field of psychology is studied from an historical context. The ways in which ancient interest in the human condition evolved into the scientific study of sensation, perception, consciousness, behavior, motivation, emotion, learning, child development, personality, psychopathology and social interaction are charted. The contributions and influence of both individuals and the larger cultural context are examined. The student will be able to articulate the context of modern psychological ideas and the sources from which they developed.

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Psychology

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 310 - Marriage and the Family**

# **PSYC 310 - Marriage and the Family**

#### **3 Credit Hours**

An interdisciplinary course taught simultaneously by a psychologist, sociologist, and theologian, each looking at marriage and family from his/her perspective. In addition, married couple specialists from law and medicine present as guest speakers.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 321 - Industrial-Organizational Psyc

# PSYC 321 - Industrial-Organizational Psyc

### 3 Credit Hours

Industrial-organizational (I-O) psychology is the study of human behavior in the workplace. Core topics involve psychology as applied to personnel selection, performance evaluation, work motivation, job satisfaction and other work attitudes, training, and leadership. Themes of fairness and diversity/inclusion exist in relation to many core I-O topics. Emphasis is placed on scientific rigor and the development and implementation of best practices based on empirical literature. Students should be able to apply the concepts and knowledge learned in this class to real world situations, thinking broadly about issues in the workplace and the meaning of "work" in the 21st century.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 330 - Intro to African/Black Psych

# PSYC 330 - Intro to African/Black Psych

### 3 Credit Hours

This course will provide an introduction to the field of African-centered and Black psychology, one of the social sciences. It will utilize an African-centered framework to examine salient themes in the psychology of the people of African descent. It is my hope , that through this examination, the learner will become more knowledgeable about the psychological experiences of people of African descent and the role of history and culture in human development.

**Course Attributes:** Africana Studies Minor, Diversity Flag, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 332 - Child Psychology

# PSYC 332 - Child Psychology

### 3 Credit Hours

An in depth look at influential child psychology theories and research studies with the goal of helping students to understand factors that influence child development and to promote positive developmental outcomes for children. Focus is placed on cognitive and social-emotional aspects of child development. Students explore applications of course material to real children through discussion, reflection papers, and an immersive/service learning project.

**Prerequisites:** PSYC101 or PSYC130

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 340 - Sexism & Racism in Society

# PSYC 340 - Sexism & Racism in Society

### 1 Credit Hours

This workshop explores the causes and effects of racial and gender stereotyping, prejudice, and discrimination on the individual, institutional, and cultural level. Emphasis is on education, the workplace, interpersonal relations, and communication.

**Course Attributes:** Africana Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 350 - Psychology and the Law

# PSYC 350 - Psychology and the Law

## 3 Credit Hours

This is an advanced level course for psychology majors that is designed to introduce students to the many ways that psychology research and practice inform public policy and the law enforcement and legal systems.

**Prerequisites:** PSYC101 or PSYC130

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 353 - Violence Against Women & Girls

# PSYC 353 - Violence Against Women & Girls

## 3 Credit Hours

This course is on violence against women and girls, but also makes comparisons regarding violence against men and boys. Course lectures and reading materials address the issue of violence against women and girls in terms of how gender inequality is related to the violence against them. The feminist approach incorporates the intersection of sexism with other forms of oppression, such as racism, classism, and heterosexism. The topics covered focus on sexual abuse (physical and non-physical) and intimate partner abuse, including sexual harassment and stalking. Psychological aftereffects of sexual victimization, including Post Traumatic Stress Disorder and Complex Post Traumatic Stress Disorder are covered.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, GDST Women and Gender Conc, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 365 - Psychology of Women

# PSYC 365 - Psychology of Women

## 3 Credit Hours

In this course students will learn to identify the effects of social forces on women's psychologies, women's psychological concerns over the lifespan, and consider the relationship between differences and similarities among women.

**Course Attributes:** Gender & Diversity Studies, GDST Women and Gender Conc

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 366 - Crime & Personality

# PSYC 366 - Crime & Personality

## 3 Credit Hours

This course provides an overview of basic concepts of criminology, incorporating psychological methods and principles to criminology, as well as an examination of root causes of crime in the individual and in the culture with consideration to personality dynamics and treatment approaches

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 367 - Psychology of Aging

# PSYC 367 - Psychology of Aging

**3 Credit Hours**

This course focuses on the biological, psychological, and social changes older adults experience and those associated with aging. This course also focuses on ethics and common ethical issues encountered when engaging with older adults, including those from diverse backgrounds. Topics that may be covered include: the heterogeneity and diversity of older adults; ageism; biopsychosocial model of aging; normal and abnormal physical and psychological changes in later life; common mental disorders; suicide; relationships and sexuality; elder abuse; caregiving; work, retirement, and leisure; living environments; death and dying; bereavement; and, successful aging.

**Prerequisites:** PSYC101 or ( PSYC130 and PSYC131)

**Course Attributes:** Diversity Flag, ERS Focus Elective, Service Learning

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 368 - Health Psychology**

# PSYC 368 - Health Psychology

**3 Credit Hours**

In this course students will learn how to apply the scientific method to information about health and wellness. Students will gain an understanding of the complex interaction between mind and body as it relates to overall health and wellbeing. Students will be able to apply critical thinking skills to real world problems and their own lives related to health and wellness. Finally, students will learn to evaluate, critique, and communicate to others about professional scientific literature and news reports related to health psychology.

**Course Attributes:** Population Health

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 370 - Human Sexuality**

# PSYC 370 - Human Sexuality

**3 Credit Hours**

Human Sexuality is a psychology course during which students explore sexual attitudes, values, beliefs, customs, and practices as well as the biology, personal experiences and thoughts, cultural influences, social forces, and ethical beliefs which help to shape them.

**Prerequisites:** PSYC101 or PSYC130

**Course Attributes:** Diversity Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 375 - Drugs in Society**

# PSYC 375 - Drugs in Society

**3 Credit Hours**

Material covered in this course includes historical and current perspectives on drug addiction. Basic pharmacology and neuroanatomy will be reviewed. Current empirical understanding of the nature and effects of stimulants, nicotine, caffeine, alcohol, depressants, opiates, marijuana, hallucinogens and psychiatric drugs will be covered. Additionally, students will be exposed to current controversies regarding drugs, drug regulation and drug use prevention.

**Prerequisites:** PSYC221

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 379 - Test & Measures in Psych**

# PSYC 379 - Test & Measures in Psych

## 3 Credit Hours

This course provides an overview of psychological tests and measures, and the principles that underlie psychological assessment. This course is designed to provide potential test users with the background necessary to evaluate and use psychological tests, such as measures of intelligence, achievement, and personality.

**Prerequisites:** PSYC101 or PSYC130

**Levels:** Undergraduate

*College of Professional Sci Psychology*

## PSYC 380 - Counseling Challenging Youth

# PSYC 380 - Counseling Challenging Youth

## 1 Credit Hours

Workshop participants learn a number of practical strategies for building and maintaining therapeutic relationships with challenging youth and families. The strategies are formatted around six guiding principles common to most human services professionals who successfully engage this population. Participants are challenged to assess their own attitudes, beliefs, and behaviors related to challenging youth via lecture, demonstrations, small group activities, and role plays.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 385 - Proc of Intergroup Dialogue

# PSYC 385 - Proc of Intergroup Dialogue

## 3 Credit Hours

This course is designed to give students a foundation to effectively facilitate group interactions and specifically structured multicultural inter-group dialogues. The topics of this course include social identity, group development, prejudice, and stereotyping and their effects on groups; difference and dominance and the nature of social oppression; culture, cultural cues, and judgments; basic group facilitation skills and their application in multicultural settings. Subsequently, the class will view films, participate in class exercises or role plays, practice facilitation and reflect on the readings, processes, and assignments in class discussions.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 407 - Addiction: An Epidemic

# PSYC 407 - Addiction: An Epidemic

## 1 Credit Hours

This workshop examines the various forms of addiction that are becoming the leading social problems of this century. An overview of addiction is imparted as well as manifestations such as sex, gambling, eating disorders, and drugs. The impact of addiction on the individual, family, and society are discussed.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 408 - Women & Societal Violence

# PSYC 408 - Women & Societal Violence

## 1 Credit Hours

A workshop that takes a historical perspective on violence against women. Violence against women and intervention are studied. Prosecution of cases is presented and treatment strategies for offenders are explored.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 409 - Group Dynamics**

# **PSYC 409 - Group Dynamics**

#### **3 Credit Hours**

In-depth consideration of basic dynamics and processes operating in groups and the various strategies used in the group approach as they relate to educational, business, social and personal interactions and problems.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 410 - Psych of Workplace Diversity**

# **PSYC 410 - Psych of Workplace Diversity**

#### **3 Credit Hours**

In this course, students will learn about workplace diversity, equity, & inclusion using psychological theories, principles, and concepts. Responsible and ethical application of science to help organizations address the critical and complex issues central to creating an inclusive workforce will be focal.

**Prerequisites:** PSYC101 or PSYC130

**Course Attributes:** Diversity Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 426 - Physiological Psychology**

# **PSYC 426 - Physiological Psychology**

#### **3 Credit Hours**

This is an advanced level course for psychology majors that is designed to provide students with an appreciation of the role physiological mechanisms play in human behavior. This course will focus on those behaviors mediated by the central nervous system (CNS). Students will be introduced to the scientific discipline of psychophysiology, the study of the brain, physiological processes, psychopharmacology, and behavior. After a review of the anatomy and basic functioning of the CNS, we will cover the role the CNS plays in learning and memory, emotion, cognition, the development of mental disorders, and the intersection of some mental and physical health conditions. We will examine the most recent findings in physiological psychology, including the use of physiological treatment for mental disorders.

**Prerequisites:** PSYC101 or PSYC130

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 427 - Cognitive Psychology**

# **PSYC 427 - Cognitive Psychology**

#### **3 Credit Hours**

This course provides a survey of the concepts, theories, and research in cognitive psychology. Topics such as attention, memory, problem solving, language, and decision making will be covered, focusing on the theoretical and empirical underpinnings of these topics. The objective of the course is to provide advanced undergraduates with an evidence-based understanding of the major topics of research in cognitive psychology. The pedagogical strategies used in this class include lectures, videos, active learning exercises, and exams.



**Prerequisites:** PSYC221 and PSYC223

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 429 - Psyc of Sensation & Perception**

# **PSYC 429 - Psyc of Sensation & Perception**

#### **3 Credit Hours**

Examines how the senses gather information from the outside world and how that information is transformed and interpreted by the nervous system. Topics include visual and auditory processing, perceptual organization, illusions, movement and time perception, and perceptual development.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 435 - Brain and Behavior**

# **PSYC 435 - Brain and Behavior**

#### **3 Credit Hours**

This is an advanced level course for psychology majors that is designed to provide students with an appreciation of the role that the brain plays in human behavior. After a review of the anatomy and basic functioning of the CNS, we will cover the role the CNS plays in topics such as learning and memory, emotion, language and cognition, sleep, the development of mental disorders, violence and criminal behavior, and addiction. In addition, we may address the evidence supporting brain-based treatment for aberrant behavior and mental disorders.

**Prerequisites:** PSYC101 or PSYC130

**Levels:** Undergraduate

*College of Professional Sci Psychology*

### **PSYC 452 - Intro to Clinical Psychology**

# **PSYC 452 - Intro to Clinical Psychology**

#### **3 Credit Hours**

Provides an understanding of the different types of activities typically engaged in by clinical psychologists.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 460 - Learning and Behavior**

# **PSYC 460 - Learning and Behavior**

#### **3 Credit Hours**

This course provides a review of the basic principles of conditioning and learning. The fundamental concepts of classical and operant conditioning will be covered, including the methodologies used and the application of learning principles to everyday behaviors. The goals of this course will be met through various activities, such as reading relevant texts, lectures of course material, small group activities, applied exercises, and exams.

**Prerequisites:** PSYC101 or PSYC130

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 464 - Theories of Personality

# PSYC 464 - Theories of Personality

### 3 Credit Hours

This course will survey psychological theories of personality. The course will focus on description and evaluation of these theories and equip students to be able to compare and contrast these theories. Students will leave this course with increased knowledge about theories of personality and be able to apply that knowledge to better understand behavior and mental processes of self and others. Students will be able to recognize and practice respect for the complexity of sociocultural diversity as it relates to personality.

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Psychology

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 470 - Consumer Behavior

# PSYC 470 - Consumer Behavior

### 3 Credit Hours

Marketing strategy implications of consumer behavior. Provides a basic understanding of the major concepts and theories in consumer decision making and behavior. Considers psychology and other social sciences as they contribute to the understanding of these notions.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 477 - Sports Psychology

# PSYC 477 - Sports Psychology

### 3 Credit Hours

The course focuses on the study of psychological and social factors that influence sport and physical activity participation. Sport psychology involves the scientific study of affect, cognition in recreational and competitive sport including personality and sports, anxiety and arousal in sports motivation, aggression, group dynamics, socialization, coaching and leadership effectiveness.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 481 - Readings in Psychology

# PSYC 481 - Readings in Psychology

### 1 - 3 Credit Hours

Library research project assisted and supervised by faculty member. Required research paper. Psychology majors only. Approval of Dept. Chair required.

**Prerequisites:** Undergraduate level THEO111 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D

**Restrictions:** Must be enrolled in one of the following Majors: Psychology

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 490 - Research Practicum

# PSYC 490 - Research Practicum

### **1 - 3 Credit Hours**

Students will gain experience conducting research. This is achieved through research with a faculty member or with an agency focused on conducting applied research including creating and testing the effectiveness of applied interventions, working on basic research in a lab, as well as other research opportunities.

**Restrictions:** Must be enrolled in one of the following Majors: Psychology

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 491 - Applied Practicum Psych**

## **PSYC 491 - Applied Practicum Psych**

### **1 - 3 Credit Hours**

Students will gain experience applying psychology to the workplace. This is achieved through on the job training with an agency focused on providing psychological services, by conducting applied research, creating and testing the effectiveness of applied interventions, applying course content to understanding the workplace - employees and clients, as well as other applied opportunities.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 499 - Capstone in Psych Science**

## **PSYC 499 - Capstone in Psych Science**

### **3 Credit Hours**

This course is the capstone experience for senior psychology majors and is designed to provide both integration of content areas of psychology as well as self-reflection. The objective is to help solidify the body of knowledge and the skills you have acquired as a psychology major at Xavier. It includes a review of fundamental areas of psychology and integration of psychology within a liberal arts education, guided by the learning goals for a Psychology Major set forth by the American Psychological Association.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 502 - History & Philosophical Issues**

## **PSYC 502 - History & Philosophical Issues**

### **3 Credit Hours**

Review conceptual foundations of modern psychology. This review traces the roots of modern psychology, highlights the major figures of psychology, including the contributions of women and ethnic minorities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### **PSYC 504 - Theories of Personality**

## **PSYC 504 - Theories of Personality**

### **3 Credit Hours**

Advanced study regarding the structure and functions of personality as well as an evaluation of current personality theories.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 505 - Prof Problems & Ethics in Psyc**

## **PSYC 505 - Prof Problems & Ethics in Psyc**

**3 Credit Hours**

Professional issues in psychology including principles of ethics and their applications.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 506 - Advanced Social Psychology**

## **PSYC 506 - Advanced Social Psychology**

**3 Credit Hours**

This course provides an overview of social psychological theories. Applications of those theories and relevant research are examined in terms of clinical themes, and multicultural themes.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 508 - Diversity**

## **PSYC 508 - Diversity**

**3 Credit Hours**

This is an applied course on cultural diversity. Study of various ethnic and cultural norms are evaluated for their impact on clinical presentation. Appreciation and respect for differences are balanced with the importance of recognizing clinical needs within a variety of settings.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 509 - Cognitive Aspects of Behavior**

## **PSYC 509 - Cognitive Aspects of Behavior**

**3 Credit Hours**

This course covers theories and empirical literature in the areas of cognition, including areas such as classical and operant conditioning, memory, attention, and decision making. The application of these areas and the interactions between cognition and affect is also examined.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 510 - Biol & Affect Aspects of Behav**

# **PSYC 510 - Biol & Affect Aspects of Behav**

**3 Credit Hours**

This course surveys the biological underpinning of human behavior with an emphasis on structure and function of the human nervous system particularly as it pertains to processes such as learning, memory, emotions, and psychological disorders.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology MA in Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 511 - Advanced Statistics I**

# **PSYC 511 - Advanced Statistics I**

**2 Credit Hours**

Statistical analyses emphasizing partial and semi-partial correlations, multiple regression, ANOVA, MANOVA, ANCOVA, logistic regression, discriminant analysis, and factor analysis.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 512 - Advanced Statistics II**

# **PSYC 512 - Advanced Statistics II**

**2 Credit Hours**

Continuation of PSYC 511.

**Prerequisites:** Graduate level PSYC511 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 520 - Computer Statistics Language I**

# **PSYC 520 - Computer Statistics Language I**

**1 Credit Hours**

Application and interpretation of statistical packages for use in psychological research.

**Prerequisites:** Graduate level PSYC511 Minimum grade of C

**Co-requisites:** PSYC511

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 521 - Computer Stats Language II**

# PSYC 521 - Computer Stats Language II

## 1 Credit Hours

Continuation of PSYC 520.

**Prerequisites:** Graduate level PSYC520 Minimum grade of C

**Co-requisites:** PSYC512

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 522 - Personnel Psychology

# PSYC 522 - Personnel Psychology

## 3 Credit Hours

Psychological dimensions of human resource functions in organizations, primarily focusing on personnel selection, employee orientation and placement, employment legislation and related topics with a strong emphasis upon current research and literature.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 530 - Learning & Motivation

# PSYC 530 - Learning & Motivation

## 3 Credit Hours

Theories of learning and motivation mainly within the context of education. Three families of learning theory: mental discipline, stimulus-response conditioning, cognitive psychology. Particular emphasis upon the place of intrinsic motivation.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 549 - Intro to Clinical Interactions

# PSYC 549 - Intro to Clinical Interactions

## 3 Credit Hours

This course is designed to introduce graduate students to the knowledge, attitudes and skills which are basic to clinical practice especially interviewing and therapy. It includes a survey of research related to the aspects of therapy common across theoretical orientations and the process variables which have been found to lead to positive outcomes. The course includes a lecture and discussion period for the whole group and a lab with a group of four students and an advanced graduate student. .

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology MA in Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 553 - Marketing Research

# PSYC 553 - Marketing Research

## 3 Credit Hours

Methods and techniques of marketing research; its use as a tool of management; cases in marketing research.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 579 - ProSem: Applied I/O Psychology

# PSYC 579 - ProSem: Applied I/O Psychology

## 3 Credit Hours

An overview of topic areas in personality, social, and cognitive psychology, and their application to Industrial-Organizational Psychology.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 580 - Clinical Psychopathology

# PSYC 580 - Clinical Psychopathology

## 3 Credit Hours

This course provides an overview of psychopathology, focusing on, etiology, phenomenology, course, epidemiology, and correlates. The course also examines different models of classification (e.g., DSM-5, RDoC) and their costs and benefits.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 582 - Assessment I: Intelligence

# PSYC 582 - Assessment I: Intelligence

## 3 Credit Hours

Students learn to correctly administer and score individual tests of intelligence (Wechsler scales) and cognitive functioning (WMS). There is also an introduction to test score interpretation and report writing, ethical issues in testing are also emphasized throughout the course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 584 - Psychometrics & Intell Testing

# PSYC 584 - Psychometrics & Intell Testing

## 4 Credit Hours

This course develops the students' understanding of psychometrics, providing them with the opportunity to apply this knowledge to intelligence testing. Students also learn to

correctly administer, score, and interpret results of Wechsler individual tests of intelligence and write accurate and understandable reports. Diversity and ethical issues in testing are emphasized throughout the course.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 585 - Assessment II: Personality**

## **PSYC 585 - Assessment II: Personality**

### **3 Credit Hours**

The fundamental principles involved in the administration, scoring, analysis, and evaluation of the MMPI-2, MMPI-A, MCMI-3, and several other tests are covered in this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 586 - Assess III Assess Cog Domains**

## **PSYC 586 - Assess III Assess Cog Domains**

### **3 Credit Hours**

This course deepens understanding of cognitive assessment across the following domains and associated disorders: Attention, memory, and learning/ achievement. Students will be exposed to, become familiar with, and understand standardized administration of instruments used to assess attention, memory, and learning/ achievement.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 590 - Internship: Gen Exper Psycholo**

## **PSYC 590 - Internship: Gen Exper Psycholo**

### **3 Credit Hours**

Supervised experience in the student's area of interest/concentration.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 593 - Internship in I-O Psychology**

## **PSYC 593 - Internship in I-O Psychology**

### **3 Credit Hours**

A 120-hour field experience within the general area of I-O psychology. In some instances, students design and carry out projects in the service of organizations. In other situations, students participate in on-going activities in ways to help serve organizational needs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate



**PSYC 607 - Advanced Developmental Psych**

# **PSYC 607 - Advanced Developmental Psych**

**3 Credit Hours**

Introduction to core issues in developmental psychology - developmental perspective on psychological theory and research; sub-discipline in psychology with its own history, perspective, methodologies, and traditions of measurement and analysis; appreciation of a developmental perspective in clinical work; importance of culture and diversity in developing a clinical perspective.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

**PSYC 608 - Integrative Lifespan Psyc**

# **PSYC 608 - Integrative Lifespan Psyc**

**3 Credit Hours**

Introduction to core issues in normative human development from conception through adolescence. An in-depth study of the interrelatedness of physical, cognitive, social, and emotional aspects of human development; importance of culture and diversity in understanding development; sub-discipline in psychology with its own history, perspective, methodologies, and traditions of measurement and analysis; appreciation of a developmental perspective in clinical work.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology

**Levels:** Graduate

**PSYC 609 - Integrative Lifespan Psyc II**

# **PSYC 609 - Integrative Lifespan Psyc II**

**3 Credit Hours**

Introduction to core issues in normative human development from conception through adolescence - an in-depth study of the interrelatedness of physical, cognitive, social, and emotional aspects of human development; importance of culture and diversity in understanding development; sub-discipline in psychology with its own history, perspective, methodologies, and traditions of measurement and analysis; appreciation of a developmental perspective in clinical work.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

**PSYC 615 - Gestalt Therapy**

# **PSYC 615 - Gestalt Therapy**

**1 Credit Hours**

This workshop is an introduction to theoretical foundations and therapeutic techniques of Gestalt therapy with particular emphasis on experiential learning.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

## PSYC 621 - Adv Research Design & Analysis

# PSYC 621 - Adv Research Design & Analysis

### 3 Credit Hours

Intensive survey of research principles in behavioral science and advanced issues in research design procedures and analysis; introduction to individual laboratory research with special focus on methodological issues.

**Prerequisites:** PSYC511 and PSYC520 and PSYC512 and PSYC521

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 622 - Adv Res Des & Analysis

# PSYC 622 - Adv Res Des & Analysis

### 3 Credit Hours

This course is designed to be an intensive survey of experimental procedures and advanced issues in experimental procedures and analysis, with an introduction to individual laboratory research and a special focus on methodological issues.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 623 - Adv Res & Applied Des Analysis

# PSYC 623 - Adv Res & Applied Des Analysis

### 3 Credit Hours

This course serves to provide students with exposure to topics related to conducting research in applied settings, including performing program evaluations and communicating with Institutional Review Boards (IRB) regarding studies involving human subjects. Typically, students are required to apply principles from previous courses in statistics and research design. Information about the PsyD dissertation requirement is also typically provided.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 627 - Marital & Family Therapy

# PSYC 627 - Marital & Family Therapy

### 2 Credit Hours

A workshop designed to educate students in the systems perspective in dealing with a range of psychological disorders. Diagnostic and treatment strategies presented along with practical training in marital and family interventions. Advances in marital and family research are presented.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 629 - Intervention Tech: CBT

# PSYC 629 - Intervention Tech: CBT

## 3 Credit Hours

This course is designed to provide students with an overview of behavioral and cognitive behavioral approaches. Among others, the purposes of this course are to assist you in learning how to conceptualize and treat emotional/behavioral problems from a behavioral and cognitive behavioral perspective, to assess and monitor maladaptive behavior and thoughts, design intervention plans, and to implement and evaluate these treatment plans. In addition, this course is designed to enhance your theoretical, empirical, and practical understanding of behavioral and cognitive behavioral approaches to intervention.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 632 - Intervention Techniques ACT

# PSYC 632 - Intervention Techniques ACT

## 3 Credit Hours

The course will entail a thorough examination of theory, research findings, and techniques used in Acceptance and Commitment Therapy (ACT). Experiential learning will be emphasized in this course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 641 - Assess Tech in Indust-Org Psyc

# PSYC 641 - Assess Tech in Indust-Org Psyc

## 4 Credit Hours

The role of assessment in I-O psychology. Skill development in conducting job analyses and writing job descriptions; constructions, evaluating and using employment tests; developing and carrying out surveys; coverage of all phases of performance evaluation; and meeting other assessment needs within the field of I-O psychology.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 642 - Prof Dev Issues: I-O Psych

# PSYC 642 - Prof Dev Issues: I-O Psych

## 3 Credit Hours

Provide an extensive analysis of the process of organizational development consulting with an emphasis on developing students to be successful professionals. Topics include organizational consulting theory, practical issues in consulting and the identification of ethical boundaries around professional behavior, and diversity in organizations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 643 - Sem: Industrial - Org Psyc

# PSYC 643 - Sem: Industrial - Org Psyc

**3 Credit Hours**

Thorough review of current topics in I-O psychology as well as the area of leadership, with an emphasis on both research and popular literature. Students are expected to be largely responsible for the presentation of information.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 644 - Organizational Psychology**

# PSYC 644 - Organizational Psychology

**3 Credit Hours**

Concepts attempting to explain the motivation and behavior of employees in organizations. Topics include job satisfaction, work motivation, absenteeism, turnover, organizational commitment, organizational citizenship behaviors, and job design with a strong emphasis on current research and literature.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 645 - Train & Devel in Organizations**

# PSYC 645 - Train & Devel in Organizations

**3 Credit Hours**

This course presents an overview of the important issues in training and development. Specifically, students will be able to design, develop, deliver, and evaluate training programs. Students will also be able to discuss important issues in organization development and training.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 650 - Professional Devl & Pract I**

# PSYC 650 - Professional Devl & Pract I

**3 Credit Hours**

This is a didactic and experiential class designed to socialize the students in a variety of applied areas within the area of clinical psychology. Students become acquainted with information about practical aspects of psychological service provision, current professional and ethical issues relevant to that experience and the role of psychological organizations in one's development. Professional development addresses four general areas: clinical knowledge, clinical skills, self-knowledge, and research thinking.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 651 - Professional Devl & Pract II**

# PSYC 651 - Professional Devl & Pract II

**3 Credit Hours**

Continuation of PSYC 650.

**Prerequisites:** Graduate level PSYC650 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### **PSYC 660 - Performance Appraisal**

## **PSYC 660 - Performance Appraisal**

#### **3 Credit Hours**

This course presents an overview of important issues in performance appraisal, as well as practical experience. Expectations include applying the concepts and knowledge learned in this class to real world situations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### **PSYC 685 - Assessment III: Personality**

## **PSYC 685 - Assessment III: Personality**

#### **3 Credit Hours**

This course furthers training in the assessment of personality functioning by presenting the administration, scoring and interpretation of the Rorschach Test, based upon Exner's Comprehensive System.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### **PSYC 689 - Research in Psychology**

## **PSYC 689 - Research in Psychology**

#### **3 Credit Hours**

Research project supervised by a faculty member.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### **PSYC 699 - Capstone Project in I-O Psych**

## **PSYC 699 - Capstone Project in I-O Psych**

#### **3 - 6 Credit Hours**

Culminating scholarly activity requiring literature review, collection and analysis of data and discussion of results. A formal proposal and oral defense of the written thesis are required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

**PSYC 704 - Health Issues Geropsychology**

# PSYC 704 - Health Issues Geropsychology

**3 Credit Hours**

This course focuses on the relationship between physical disease and psychological functioning within the older adult population. Students will learn about common health issues that occur in older adulthood and psychological interventions that may be utilized with individuals who present with these concerns. Students will also learn about health promotion and wellness within the older adult population. Students will consider ethical issues in geropsychology and health disparities experienced by diverse older adult populations. This course offers an interprofessional perspective through exposure to current literature, other health professions, and discussion about settings in which psychologists work with older adults.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

**PSYC 710 - Clinical Health Psychology**

# PSYC 710 - Clinical Health Psychology

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

**PSYC 712 - Forensic Psychology**

# PSYC 712 - Forensic Psychology

**3 Credit Hours**

This course examines the bridge between psychology and the law, emphasizing the forensic psychologist's role in the legal system. Attention is given to developing a foundation in forensic knowledge, skills, and attitude for professional psychologists. Forensic issues including assessment and intervention strategies, consultation, interdisciplinary forensic problem-solving, courtroom testimony, and ethics are emphasized.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

**PSYC 713 - Pediatric Psychology**

# PSYC 713 - Pediatric Psychology

**3 Credit Hours**

This course addresses psychological issues in and interventions for pediatric chronic medical conditions and common issues in developmental pediatrics.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## PSYC 714 - Child & Adolescent Chronic Ill

### 1 Credit Hours

This intensive workshop examines the child and adolescent with chronic illness and discusses treatment approaches from a multi-disciplinary or bio-psycho-social intervention model. The instructor draws upon extensive experience and observations from working in clinics, hospitals or in the field with children who have been diagnosed with such disorders as: cancer, hemophilia, AIDS, diabetes, sickle cell anemia, endocrine/growth problems, cleft palate, genetic anomalies, mental health DSM-IV disorders, as well as children with multiple handicaps and disabilities. Emphasis is given to practical ways counselors and other mental health professionals and teachers can build and maintain therapeutic relations with children who have been dealt this difficult challenge of handling a chronic or life threatening illness. Additionally, this course gives special attention to identifying needs, assessing, and treating families and siblings of children who have a chronic illness.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### PSYC 715 - Early Cognitive Development

## PSYC 715 - Early Cognitive Development

### 3 Credit Hours

Review of theories of the nature and development of the human cognitive system and how it relates to developmental processes. Special attention is paid to Piaget's theory of cognitive development.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### PSYC 716 - Working w/Difficult/Tough Chld

## PSYC 716 - Working w/Difficult/Tough Chld

### 0 - 1 Credit Hours

Workshop that examines identification, assessment and treatment procedures used therapeutically with a range of psychological disorders experienced by children and adolescents.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### PSYC 720 - Child & Adoles Psychopathology

## PSYC 720 - Child & Adoles Psychopathology

### 3 Credit Hours

Risk factors for and characteristics of psychopathology evidenced by persons under 18, with attention to the influence of genetics, biology, family, peers, diverse social contexts, and society as a child develops.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### PSYC 721 - Assessment of Child & Adolesce

# PSYC 721 - Assessment of Child & Adolesce

## 3 Credit Hours

This course is designed to teach a variety of clinical assessment strategies to assist in diagnosis and clinical decision-making. The complexities of developing youth and their social systems are examined as they relate to as interpreting assessment data with sensitivity to cultural and ethnic differences.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 722 - Intervention: Older Adults

# PSYC 722 - Intervention: Older Adults

## 3 Credit Hours

The focus of the course is twofold: clinical assessment and treatment. Students will become familiar with commonly occurring psychological disorders in older adulthood. Students will learn to conduct a thorough geriatric mental health assessment, including biopsychosocial factors and DSM diagnostic criteria. Students will also learn about major models of psychotherapy, empirically based treatments, treatment modifications, different intervention formats (e.g., group, marital, family therapy), and unique concerns with which older adults often present. Finally, students will reflect on ethical and diversity considerations related to assessment and treatment of geriatric psychopathology.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 730 - Intervention Tech: Consulting

# PSYC 730 - Intervention Tech: Consulting

## 3 Credit Hours

Consultation is studied within a process service delivery role, especially applied to the clinical psychologist. Both consulting as an individual and as part of a team are studied as applied to a number of different areas: health care agencies; forensic agencies; academic agencies; athletics and corporations. The emphasis on specific areas may change from time to time. Basics of grant writing, aspects of program evaluation, diversity issues, consulting vs. counseling and therapy, ethical issues related to consulting are explored. Students are expected to become familiar with consulting research and theory as well as fundamentals of consulting practice.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 731 - Intervention Tech: Psychodynam

# PSYC 731 - Intervention Tech: Psychodynam

## 3 Credit Hours

This course is presented to teach both a theoretical and applied understanding of the psychotherapeutic process, emphasizing psychoanalytic theory and technique. Respect for differences is emphasized.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 732 - Intervent Tech: Child & Adol



# PSYC 732 - Intervent Tech: Child & Adol

## 3 Credit Hours

Theoretical framework regarding the psychological treatment of children and adolescents, current research data, and treatment methods presented in dealing with a range of childhood and adolescent disorders. Special emphasis is placed on empirically validated treatment interventions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 735 - Found in Psychotic Spectrum

# PSYC 735 - Found in Psychotic Spectrum

## 3 Credit Hours

This course focuses on individuals with schizophrenia, bipolar and other psychotic disorders, including transient psychotic states that occur in the context of other disorders. It provides an empirically informed theoretical foundation and exposure to the skills required for working with individuals with various forms of psychotic functioning.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 740 - Assessment of Older Adults

# PSYC 740 - Assessment of Older Adults

## 3 Credit Hours

Students become familiar with the theory, research, and practice of various assessment methods used with older adults. This course exposes students to common clinical assessment issues with this population (e.g., what factors need to be ruled out, and how to go about an assessment to answer specific referral questions). Students write several assessment reports based upon case vignettes, in which they integrate bio-psycho-social assessment evidence.

**Prerequisites:** PSYC651

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 747 - Interv Tech: Marital & Fam The

# PSYC 747 - Interv Tech: Marital & Fam The

## 3 Credit Hours

Designed to educate students in the systems perspective in dealing with a range of psychological disorders. Diagnostic and treatment strategies presented along with practical training in marital and family interventions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 760 - Clinical Practicum III

# PSYC 760 - Clinical Practicum III

## 3 Credit Hours

Supervised experiences in a clinical setting. In addition to field-based clinical training, enrollment in this class entails weekly class meetings. These meetings provide a forum for discussing clinical, professional, and ethical issues encountered in practicum experiences. In addition, didactics focus on improving students' case conceptualization skills and applying these to their field-based training experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 761 - Clinical Practicum IV

# PSYC 761 - Clinical Practicum IV

## 3 Credit Hours

Continuation of PSYC 760. Supervised experiences in a clinical setting. In addition to field-based clinical training, enrollment in this class entails weekly class meetings. These meetings provide a forum for discussing clinical, professional, and ethical issues encountered in practicum experiences. In addition, didactics focus on improving students' case conceptualization skills and applying these to their field-based training experience.

**Prerequisites:** Graduate level PSYC760 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 787 - Research I

# PSYC 787 - Research I

## 1 - 3 Credit Hours

A culminating scholarly activity requiring a review of relevant literature, collection and analysis of data, and discussion of results under the supervision of a faculty member. A formal proposal meeting and oral defense of the written dissertation are required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 788 - Research II

# PSYC 788 - Research II

## 1 - 3 Credit Hours

Continuation of PSYC 787.

**Prerequisites:** PSYC787

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 789 - Research III

# PSYC 789 - Research III

## 1 - 3 Credit Hours

Continuation of PSYC 788.

**Prerequisites:** PSYC788

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 790 - Continuous Major Research

# PSYC 790 - Continuous Major Research

## 1 - 12 Credit Hours

Continuation of PSYC 699 & 789.

**Prerequisites:** PSYC699 or PSYC789

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology I-O Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 803 - Psychopharmacology

# PSYC 803 - Psychopharmacology

## 3 Credit Hours

This course is intended to provide students having a general interest in pharmacology and related studies with a background of current information, and to provide the student with effective methods for updating and keeping current with developments in psychopharmacology, especially with an area of concentration being child and adolescent, geriatric and serious mental disabilities.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology MA in Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 805 - Clinical Neuropsychology

# PSYC 805 - Clinical Neuropsychology

## 3 Credit Hours

Study of brain-behavior relationships. This course reviews classic neuropsychological presentations of frequently encountered neurological disorders.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology MA in Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 806 - Alcohol & Substance Abuse

# PSYC 806 - Alcohol & Substance Abuse

**3 Credit Hours**

This course examines the concept of addiction as it is understood by psychologists. It is designed to provide exposure to leading theories of drug initiation, abuse and dependence. Information about the physical and psychoactive effects of the major categories of abuse and dependence producing drugs are covered. Assessment strategies and treatment modalities are discussed.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology MA in Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 810 - Intervention: Group Therapy**

# PSYC 810 - Intervention: Group Therapy

**3 Credit Hours**

This course is designed to teach the significant theoretical aspects of group therapy. Students will become familiar with the stages of development of groups, the goals of each stage, the characteristic behavior of members within each stage as well as the appropriate leader interventions. Knowledge of factors that make groups effective, ethical guidelines and qualities/behaviors that make effective group leaders, and cultural issues that impact groups will be addressed.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 820 - Psychology In Primary Care**

# PSYC 820 - Psychology In Primary Care

**3 Credit Hours**

0

**Co-requisites:** PSYC821

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 821 - Interprofessional Education**

# PSYC 821 - Interprofessional Education

**1 Credit Hours**

Interprofessional care recognizes a culture of respect, concisely clear communication, interdependent care for client-centered outcomes, and integration of services through shared decision making. This course will provide students with an opportunity to practice across disciplines in teams to meet the needs of individuals, families and the community.

**Co-requisites:** PSYC820

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 822 - Applied Interprofessional Team**

# PSYC 822 - Applied Interprofessional Team

**1 - 2 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 825 - Trauma: Assessment & Treatment**

## **PSYC 825 - Trauma: Assessment & Treatment**

**3 Credit Hours**

0

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 835 - Intervention: DBT**

## **PSYC 835 - Intervention: DBT**

**3 Credit Hours**

Students will become familiar with Dialectical Behavior Therapy (DBT) as it can be applied to a variety of clients including suicidal adolescents and adults with Borderline Personality Disorder (BPD). Students will study four components of DBT: individual therapy, skills training, phone coaching, therapist consultation teams. Students will also learn how to teach the DBT skills of mindfulness, interpersonal effectiveness, emotion regulation, and distress tolerance. The course will also survey the theory and research behind DBT.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 847 - Interv Tech: Marital & Fam The**

## **PSYC 847 - Interv Tech: Marital & Fam The**

**3 Credit Hours**

Designed to educate students in the systems perspective in dealing with a range of psychological disorders. Diagnostic and treatment strategies presented along with practical training in marital and family interventions.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 850 - Clinical Practicum V**

## **PSYC 850 - Clinical Practicum V**

**3 Credit Hours**

Supervised experiences in a clinical setting. In addition to field-based clinical training, enrollment in this class entails weekly class meetings. These meetings provide a forum for discussing clinical, professional, and ethical issues encountered in practicum experiences. In addition, didactics focus on improving students' supervision skills and applying these to their field-based training experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 851 - Clinical Practicum VI**

## PSYC 851 - Clinical Practicum VI

### **3 Credit Hours**

Continuation of PSYC 850. Supervised experiences in a clinical setting. In addition to field-based clinical training, enrollment in this class entails weekly class meetings. These meetings provide a forum for discussing clinical, professional, and ethical issues encountered in practicum experiences. In addition, didactics focus on improving students' supervision skills and applying these to their field-based training experience.

**Prerequisites:** Graduate level PSYC850 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 852 - Extended Practicum**

## PSYC 852 - Extended Practicum

### **1 - 3 Credit Hours**

This course is designed to allow advanced level (5th year) doctoral students to continue field experiences beyond those required. The focus of the course is acquiring further experience in applying clinical skills in "real-world" settings.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 885 - Assessment: Rorschach**

## PSYC 885 - Assessment: Rorschach

### **3 Credit Hours**

This course furthers training in the assessment of personality functioning by presenting the administration, scoring and interpretation of the Rorschach Test, based upon Exner's Comprehensive System.

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology MA in Psychology Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 896 - Research & Clinical Issue: SMD**

## PSYC 896 - Research & Clinical Issue: SMD

### **3 Credit Hours**

A knowledge-based introduction to the research and clinical issues involved in working with severely mentally ill persons and their families. Takes a broad-based approach to the overview of the field and addresses theory and practice methods in this area. Students are acquainted with the social, political and professional context in which mental health practice and research take place.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 897 - Intervent Tech: SMD Population**

## **PSYC 897 - Intervent Tech: SMD Population**

### **3 Credit Hours**

This course is designed to teach assessment and intervention techniques for working with severely mentally ill persons and their families. Uses psychological and psychosocial development theory and research as a basis for case and treatment conceptualization. Further acquaints students with the social, political, and professional context in which mental health practice and research take place.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 900 - Tutorial in Psychology**

## **PSYC 900 - Tutorial in Psychology**

### **1 - 3 Credit Hours**

Content to be determined according to the needs of the student in regards to a particular skill/knowledge area.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 998 - Internship Planning**

## **PSYC 998 - Internship Planning**

### **1 Credit Hours**

Continuation of doctoral student preparation for internship experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**PSYC 999 - Internship**

## **PSYC 999 - Internship**

### **1 - 2 Credit Hours**

Intensive, full-time supervised experience in a clinical setting approved by the director of clinical training.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## SHRM 200 - Human Resources In a Diverse S

# SHRM 200 - Human Resources In a Diverse S

### 3 Credit Hours

A survey of the theory, policies, and practices that guide the management of human resources within organizations. Topics addressed include: strategic HR, employment law, HR planning and job analysis, staffing, training and development, performance management, compensation and benefits, diversity management, labor relations, and international human resource management.

**Course Attributes:** Diversity Flag, EPU, Gender & Diversity Studies

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## SHRM 300 - Human Resource Management

# SHRM 300 - Human Resource Management

### 3 Credit Hours

A survey of the theory, policies, and practices that guide the management of human resources within organizations. Topics addressed include: strategic HR, employment law, HR planning and job analysis, staffing, training and development, performance management, compensation and benefits, diversity management, labor relations, and international human resource management.

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## SHRM 302 - Labor Relations

# SHRM 302 - Labor Relations

### 3 Credit Hours

An examination of the field of labor relations including the evolution and current state of the labor movement, key labor legislation, and the collective bargaining process.

**Prerequisites:** SHRM200 or SHRM300 or MGMT200

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## SHRM 303 - Human Resources Internship I

# SHRM 303 - Human Resources Internship I

### 3 Credit Hours

An elective cooperative experience where students earn academic credit while performing approved human resources related work experience. Student must have 55 credit hours completed, 2.75 GPA, department approval required.

**Prerequisites:** SHRM200 or SHRM300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## SHRM 309 - Change Management

# SHRM 309 - Change Management



**3 Credit Hours**

Theory and design of organizational systems, organizational performance, culture, training and development and change processes; course also includes a focus on performance appraisal.

**Prerequisites:** MGMT200 or SHRM300 or SHRM200

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**SHRM 325 - International Human Resources**

# SHRM 325 - International Human Resources

**3 Credit Hours**

This course is part of the Xavier Undergraduate Curriculum through which a student develops a major after the core curriculum which aims to develop you as an individual of learning and reflection, integrity and achievement, in solidarity for and with others. This course is for students who seek to major in strategic human resources management.

**Prerequisites:** MGMT200 or SHRM200 or SHRM300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**SHRM 345 - Compensation**

# SHRM 345 - Compensation

**3 Credit Hours**

An examination of the use of compensation and benefits systems to attract, retain, motivate, and reward employees. Topics include compensation system design, strategies to ensure a system that is internally consistent and externally competitive, challenges in compensating special employee groups, employee benefits, and the legal context.

**Prerequisites:** (MGMT200 or SHRM300 or SHRM200) and (BAIS210 or PSYC210 or MATH116 or MATH156 or MATH140)

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**SHRM 360 - Staffing**

# SHRM 360 - Staffing

**3 Credit Hours**

An examination of the field of staffing within the human resource function, including job analysis, legal issues, and internal and external recruitment and selection.

**Prerequisites:** (MGMT200 or SHRM300 or SHRM200) and (BAIS210 or PSYC210 or MATH116 or MATH156 or MATH140)

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

**SHRM 370 - Training and Development**

# SHRM 370 - Training and Development

**3 Credit Hours**

An examination of training and development of human resources in organizations. Topics include the design, implementation, and evaluation of training, development, and career management programs.

**Prerequisites:** MGMT200 or SHRM300 or SHRM200

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **SHRM 403 - Human Resources Internship II**

# **SHRM 403 - Human Resources Internship II**

#### **3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved human resources related work experience. Student must have 55 credit hours completed, 2.75 GPA, departmental approval required.

**Prerequisites:** SHRM200 or SHRM300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **SHRM 404 - Advanced Topics In SHRM**

# **SHRM 404 - Advanced Topics In SHRM**

#### **3 Credit Hours**

An analysis of current human resource management issues. Topics will vary.

**Prerequisites:** MGMT200 or SHRM200 or SHRM300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **SHRM 490 - Integ Capstone In Strat HR Mgt**

# **SHRM 490 - Integ Capstone In Strat HR Mgt**

#### **3 Credit Hours**

Integration and application of human resource knowledge for a real company or simulation; analysis of current human resource issues facing organizations. Required capstone course for SHRM majors. Prerequisite: SHRM 301 and 6 hours of SHRM 300-400 level courses.

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **SHRM 495 - SHRM Capstone**

# **SHRM 495 - SHRM Capstone**

#### **3 Credit Hours**

This course emphasizes the strategic importance of HRM in organizational effectiveness and the internal assessment of HRM systems for alignment with organizational goals. Key topics include metrics and measurement of HR, trends and forecasting in HR, outsourcing, downsizing, sustainability/corporate social responsibility, ethics, and internal consulting.

**Prerequisites:** ( MGMT200 or SHRM300 or SHRM200) and ( SHRM345 or SHRM360 or SHRM370)

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## SHRM 600 - Introduction To Human Resource

# SHRM 600 - Introduction To Human Resource

### 3 Credit Hours

Key processes of human resource management including selection, employee development, performance management, reward systems, and employee relations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## SOCI 101 - Introduction to Sociology

# SOCI 101 - Introduction to Sociology

### 3 Credit Hours

Social behavior within the context of group structure, society, and culture. Basic sociological terminology and methodology.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Social Science Elective Core

**Levels:** Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 167 - Survey of Society Social Work

# SOCI 167 - Survey of Society Social Work

### 3 Credit Hours

The social welfare institution and social work. The three major purposes of social work: (1) enhancement of problem solving; (2) knowledge of systems that provide people with resources and services; and (3) the successful linkage of people with these systems.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 180 - Culture & Society

# SOCI 180 - Culture & Society

### 3 Credit Hours

Cross cultural study of human values, norms, and behavior. Contemporary American as well as remote and prehistoric cultures will be investigated from the anthropological perspective.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 200 - Foundational Social Thought

# SOCI 200 - Foundational Social Thought

**3 Credit Hours**

An introduction to classical sociological theory through the mid-twentieth century including an examination of basic concepts and theoretical projects and application to contemporary social contexts.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 216 - Sociology of Religion**

# SOCI 216 - Sociology of Religion

**3 Credit Hours**

Examination of the major components of religion, the interdependence between religion and other societal institutions, and religion's role in social conflict and change.

**Course Attributes:** ERS Focus Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 232 - Sociology of Sport**

# SOCI 232 - Sociology of Sport

**3 Credit Hours**

Organized sport as an important institutional component of American culture and society.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 240 - Population & Globalization**

# SOCI 240 - Population & Globalization

**3 Credit Hours**

Introduction to the basic methods and theories of demography.

**Course Attributes:** Diversity Flag, Environ Science/Studies Elect, Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 245 - Appalachian in Urban Life**

# SOCI 245 - Appalachian in Urban Life

**3 Credit Hours**

Subcultural contact with the urban community. Social and economic adjustment problems of this group.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 250 - Racial Ethnic Minorities**

# SOCI 250 - Racial Ethnic Minorities

## 3 Credit Hours

Minority groups in contemporary United States. Social processes involved in dominant minority relations.

**Course Attributes:** Diversity Flag, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 262 - Gender and Society

# SOCI 262 - Gender and Society

## 3 Credit Hours

Women in social, economic, and structural (bureaucratic) settings. An examination of changing roles and status.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, GDST Women and Gender Conc, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 264 - Social Change

# SOCI 264 - Social Change

## 3 Credit Hours

Studying alterations in cultural patterns, social structure, and social behavior.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 265 - Collective Behavior

# SOCI 265 - Collective Behavior

## 3 Credit Hours

Overview of theory and research on various forms of collective behavior, including fads, fashions, urban legends, crowds, riots, and social movements.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 269 - Popular Culture

# SOCI 269 - Popular Culture

## 3 Credit Hours

Critical perspectives on the production, interpretation, and effects of popular culture.

**Levels:** Graduate Undergraduate

## **SOCI 270 - Irish Historical Sociology**

# **SOCI 270 - Irish Historical Sociology**

### **3 Credit Hours**

This course entails readings, lectures, and travel to the most important sites in Ireland that explain the evolution of Irish identity based on different migrations.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Social Science Elective Core

**Levels:** Graduate Undergraduate

## **SOCI 271 - Social Movements**

# **SOCI 271 - Social Movements**

### **3 Credit Hours**

This course explores sociological perspectives on a variety of social movements including the civil rights movement, the feminist movement, environmental movements and global movements for social change.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

## **SOCI 285 - Magic & Witchcraft**

# **SOCI 285 - Magic & Witchcraft**

### **3 Credit Hours**

Mysticism and the supernatural in social context. The meanings and functions of magic and witchcraft within various cultural contexts.

**Levels:** Graduate Undergraduate

## **SOCI 287 - Amer Music & the Roots of Cool**

# **SOCI 287 - Amer Music & the Roots of Cool**

### **3 Credit Hours**

This course addresses the influence of music in everyday living - the impact of music in society as well as social problems expressed through music. With emphasis on the American experience, special attention is paid to popular cultural and mass cultural forms of music - especially soul, jazz, rhythm and blues and country - as well as how people use music to claim a social identity and to establish social boundaries between themselves and others.

**Course Attributes:** Africana Studies Minor, Diversity Flag

**Levels:** Graduate Undergraduate

## **SOCI 289 - Movies and Cities**

# **SOCI 289 - Movies and Cities**

**2 Credit Hours**

The course is designed for undergraduates and serves as an introduction to both American urban history and the history of movies. It also acquaints students with interdisciplinary methods. Students are required to do a significant amount of reading and writing.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 290 - Criminology and Penology**

# SOCI 290 - Criminology and Penology

**3 Credit Hours**

Causative theories of crime. Crimes and criminals in the context of behavioral systems. Policies and programs of legal treatment.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 292 - Juvenile Delinquency**

# SOCI 292 - Juvenile Delinquency

**3 Credit Hours**

Multiple factors involved in delinquent behavior. Definition, extent, causation, and treatment.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 310 - Family In the 21st Century**

# SOCI 310 - Family In the 21st Century

**3 Credit Hours**

Sociological insights concerning marriage and family systems. Dating, love, sex roles, and parenting.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 316 - Complex Organizations**

# SOCI 316 - Complex Organizations

**3 Credit Hours**

A critical survey of formal organizations and the social processes and behaviors associated with them. Authority, control, motivation, socialization, and alienation are among the areas to be discussed.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

**SOCI 352 - Investigating Social Life I**

# SOCI 352 - Investigating Social Life I

## 3 Credit Hours

In-depth study of the basic steps and processes in scientific inquiry.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 353 - Investigating Social Life II

# SOCI 353 - Investigating Social Life II

## 3 Credit Hours

Ethnographic research methods. Senior comprehensive research paper.

**Prerequisites:** Undergraduate level SOCI352 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 358 - Urban America

# SOCI 358 - Urban America

## 3 Credit Hours

Historical development and demographic patterns of the city and its environs. Socio-cultural and ecological perspectives used to examine urban, suburban, and rural areas.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 360 - Urban Anthropology

# SOCI 360 - Urban Anthropology

## 3 Credit Hours

Introduction to the field of urban anthropology and to "the city" as an object of study. Explores urban life, culture and institutions by examining essays, ethnographies and films that reflect the research of observers of urban culture.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

## SOCI 362 - Technologies of Gender

# SOCI 362 - Technologies of Gender

## 3 Credit Hours

Examination of the ways in which women's bodies are both constructed and deconstructed in post modern culture and the ethical, social, and political implications of these processes for the well-being of women. We will focus on technologies of gender, i.e., those sets of cultural practices that make the body gendered.

**Prerequisites:** Undergraduate level THEO111 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Gender & Diversity Studies

**Levels:** Graduate Undergraduate



*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 365 - Contemporary Social Theory**

# **SOCI 365 - Contemporary Social Theory**

#### **3 Credit Hours**

Class, status, and power in social life. Systems of social inequality examined within a cross-cultural perspective.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 366 - Utopian Communities**

# **SOCI 366 - Utopian Communities**

#### **3 Credit Hours**

Course examines, in historical and contemporary settings, Utopian writings and actual attempts at establishing Utopian situations.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 375 - Sociology of Health**

# **SOCI 375 - Sociology of Health**

#### **3 Credit Hours**

Critical perspective on issues in the health status of populations and distribution of medical services in society.

**Course Attributes:** Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 382 - Social Systems in the Life Cyc**

# **SOCI 382 - Social Systems in the Life Cyc**

#### **3 Credit Hours**

The importance of organizations, communities, society, and global influences in assessing human behavior in the social environment.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 398 - Internship: Social Service**

# **SOCI 398 - Internship: Social Service**

#### **3 Credit Hours**

Examination of the processes and issues involved in social service programs through hands-on experience in a social service agency or organization.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 412 - Dynamics of Older Adults**

# **SOCI 412 - Dynamics of Older Adults**

#### **3 Credit Hours**

The process and experience of aging in social, political, and economic context.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 495 - Directed Study**

# **SOCI 495 - Directed Study**

#### **1 - 3 Credit Hours**

Opportunity to pursue a topic or project of individual interest.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 552 - Quantitative Analysis**

# **SOCI 552 - Quantitative Analysis**

#### **3 Credit Hours**

This course provides students with the analytical skills they need to understand and use the myriad of data, from many different sources with many different intended outcomes, which are central to understanding the issues of urban sustainability. Students will learn how to use statistical methods, gain experience interpreting and analyzing different data sets (demographic, social-economic, environmental-scientific, financial, geographic, etc.), and develop a critical understanding of how data is used in decision-making. Students will be able to make inferences from one type of data to another in order to provide high-level analysis on topics that require an understanding of data from multiple sources and disciplines. For example, student might be asked to connect air quality data to the incidence of children's asthma rates in poor inner city neighborhoods, and further to look at land use and building condition maps of those same neighborhoods to understand the additional risk presented by poor building conditions and the incidence of mold and lead paint clustered in particular parts of the community.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 554 - Intro to Urban Systems**

# **SOCI 554 - Intro to Urban Systems**

#### **3 Credit Hours**

This course will provide an overview of the natural and built systems that make up contemporary urban places. It also examines the ecological, social, economic and political forces that mold that urban environments and shape the people who live in them. The course is designed to give students a framework to understand the complexity of urban systems and provide a foundation for the interdisciplinary work in the program. This course will rely heavily on the Cincinnati metropolitan area to explore the intersection of natural, built, economic, political, and social systems. It will also provide examples and case studies nationally and globally as context. Examples of topics covered in this class would include the treatment of the Mill Creek over the history of the development of Cincinnati; the food distribution system and the evolution from small neighborhood stores to the "big box" system, and from family farms to agri-business.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCI 555 - Urban Development & Space**

# **SOCI 555 - Urban Development & Space**

#### **3 Credit Hours**

This course is a careful investigation of urban development patterns and the organization of urban space. We will cover the history of human development patterns from a design perspective. This will include the move of populations from rural environments to cities, the Greek city, the Roman city, the Industrial revolution, suburban development and the megalopolis, again each focused on the physical aspects of these development periods. This course will promote an understanding of organic urban forms, concentric ring development, sector development, and multi-centric development patterns. The social and economic implications of these various development patterns will be explored. The course will include a detailed look at land use, transportation, and density as critical elements of urban form. This section of the class will cover land use regulatory structures (zoning and environmental law) and the various funding and taxing mechanisms that impact decision making. It will also include a review of metropolitan areas and how they include rural hinterlands, exurbs, suburbs and urban centers and issues of urban sprawl. This course will also examine urban design, good design principals, place making, and what makes places walkable, enjoyable urban environments. The course will also present the principals of sustainable design, and provide students with an understanding of how development and design choices impact sustainability outcomes.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Race, Intersect, Gender & Soci*

### **SOCW 101 - Intro to Criminal Justice**

# **SOCW 101 - Intro to Criminal Justice**

#### **3 Credit Hours**

An overview of the history and legal basis of the criminal justice system, its structures, its functions and interface with the individual elements.

**Course Attributes:** Social Science Elective Core

**Levels:** Undergraduate

*College of Professional Sci Social Work*

### **SOCW 167 - Survey of Society Social Work**

# **SOCW 167 - Survey of Society Social Work**

#### **3 Credit Hours**

This course offers a beginning knowledge and historical understanding of the profession of social work, as well as the social institution of social welfare and health. Basic social welfare concepts and social and behavioral theories are studied analyzing current events through a social justice lens using critical thinking skills. In addition to engaging diversity, students are introduced to a bio-psycho-social-spiritual model, policy analysis, generalist social work practice, resolving ethical dilemmas, and the variety of roles social workers perform along with the settings in which they practice.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Social Science Elective Core

**Levels:** Undergraduate

*College of Professional Sci Social Work*

### **SOCW 204 - Contemporary Social Problems**

# **SOCW 204 - Contemporary Social Problems**

**3 Credit Hours**

This course provides a systematic study of major social problems confronting the U.S. today. How social concerns develop into social problems and their effects on individuals, groups, institutions, and society will be examined. Proposals for resolution and existing programs to ameliorate social problems will be explored.

**Course Attributes:** Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

**SOCW 206 - Intro to Gender & Diversity St**

# SOCW 206 - Intro to Gender & Diversity St

**3 Credit Hours**

This course is designed to help students develop a critical framework for analyzing and exploring the nature of social diversity, including privilege and oppression, with respect to race, ethnicity, gender, sexual orientation, socioeconomic class, age, religion, and mental/physical abilities. It provides tools for ethical analysis of questions relating to the individual and collective experience of disenfranchisement as well as resiliency in society. Students will be introduced to interdisciplinary scholarship that examines oppression and privilege through the lens of society's social institutions.

**Course Attributes:** Diversity Flag, ERS Focus Elective, Gender & Diversity Studies, Peace & Justice Studies Minor, Social Science Elective Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

**SOCW 208 - Economics of Society**

# SOCW 208 - Economics of Society

**3 Credit Hours**

This course investigates the issues of poverty and inequality by examining these issues in the U.S. along with international comparisons. Past and present efforts to define poverty and to address related social problems will be explored. Underlying theories and beliefs about the causes of poverty and income inequality will be assessed using critical thinking skills.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Peace & Justice Studies Minor, Population Health

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

**SOCW 221 - Juvenile Justice**

# SOCW 221 - Juvenile Justice

**3 Credit Hours**

Emphasizes juvenile court philosophy and practices, prevailing case law, applicable federal and state legislation, historical and current trends and development of standards, alternatives to incarceration, and a comparison of the treatment of the juvenile offender in the juvenile justice system as opposed to the adult system.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

**SOCW 260 - Current Issues in Crim Justice**

# SOCW 260 - Current Issues in Crim Justice

**3 Credit Hours**

Complements CJUS 101 Introduction to Criminal Justice; CJUS 103 Introduction to Corrections; CJUS 321 Juvenile Justice; and relates numerous current political and social issues to adult and juvenile corrections.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

**SOCW 261 - Social Psychology**

# SOCW 261 - Social Psychology

**3 Credit Hours**

The individual's personality, attitudes, and behavior in multi-individual situations.

**Course Attributes:** Social Science Elective Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

**SOCW 264 - Social Change**

# SOCW 264 - Social Change

**3 Credit Hours**

Studying alterations in cultural patterns, social structure, and social behavior.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

**SOCW 265 - Overview of Contemp Correction**

# SOCW 265 - Overview of Contemp Correction

**3 Credit Hours**

Compares historical and contemporary methodologies, presents and critiques jail and prison programs, applies court decisions to current practices, and generally analyzed institutional and non-institutional corrections in relation to today's social and political realities. Staff and inmate rights and responsibilities are presented within the context of ethical and legal requirements.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

**SOCW 270 - Families in Poverty**

# SOCW 270 - Families in Poverty

**3 Credit Hours**

Analyzes the causes and consequences of poverty for families in America. Antipoverty policy responses are also considered.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## **SOCW 299 - Child Welfare and Development**

# **SOCW 299 - Child Welfare and Development**

### **3 Credit Hours**

This course provides the student knowledge of human development in the social environment from conception through fetal development, birth, infancy, early childhood, and middle childhood. An overview of both healthy and non-healthy development through the lens of diversity and within the context of social institutions, most notably the child welfare system and the family is presented. Students will learn about developmental niche, family pluralism with specific focus on grandparents parenting grandchildren, disproportional representation and disparity of outcomes for children of color in the child welfare system, and racial and gender identify development in childhood. Foundational theories and concepts are presented to prepare the student with knowledge for viewing development and human transitions through social interactions. Students will learn about child maltreatment, the child welfare system and services. This course is appropriate for many disciplines, especially in health related disciplines.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Social Science Elective Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## **SOCW 300 - Adolescence - Older Adulthood**

# **SOCW 300 - Adolescence - Older Adulthood**

### **3 Credit Hours**

This course provides the student knowledge of human development in the social environment from adolescence through older adulthood and end of life, stressing both healthy and non-healthy aspects of development and behavior. A core of theories, concepts, and skills is presented so that the student can effectively apply this content to practice with client systems. This course will ground the student in the person-in-environment perspective by considering biological, psychological, social, spiritual and environmental aspects of development, making the course appropriate for many disciplines.

**Course Attributes:** Population Health

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## **SOCW 310 - Family and Society**

# **SOCW 310 - Family and Society**

### **0 - 2 Credit Hours**

A study of marriage preparation, partner selection, marital adjustment, family structure and functions, and marital dissolution. Current problems facing the family will be explored with an emphasis on macro and micro intervention strategies which may be employed for problem resolution.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## **SOCW 313 - Lifestyles in Changing Society**

# **SOCW 313 - Lifestyles in Changing Society**

### **2 - 3 Credit Hours**

An in-depth study of American culture and the effects it has upon the relationship of the individual to the social order; a look at societal child-rearing practices, autonomy, and self-actualization.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## SOCW 315 - Values, Human Rights, Advocacy

# SOCW 315 - Values, Human Rights, Advocacy

### 3 Credit Hours

This course is designed to offer students basic knowledge and understanding of the social institution of social welfare as it relates to the collective well-being of all in our society. Social welfare as a social institution is examined in relationship to the seven other social institutions considered to be pillars of any society: the political, economic, education, religious, health, family, and mass media institutions. This examination occurs through a cultural humility and human rights lens using the premise that every person, regardless of position in society, has fundamental rights such as freedom, safety, privacy, an adequate standard of living, health care, and education. Global interconnections are made regarding oppression, privilege, human rights, and advocacy strategies to promote social, racial, economic, and environmental justice.

**Prerequisites:** SOCW167

**Course Attributes:** Diversity Flag, ERS Focus Elective, Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## SOCW 316 - Soc Policy & Contemporary Issu

# SOCW 316 - Soc Policy & Contemporary Issu

### 3 Credit Hours

This course is designed to provide students with an understanding of American social welfare policy analysis. This course will review the historical, current and emerging social problems and critique policies created or proposed to respond to these problems. Students will learn how to understand and critically analyze social policy, while taking into account the basic principles of economic and social justice. Specific focus will be given to the intersection of diversity with the formation and implementation of social welfare policies.

**Course Attributes:** Gender & Diversity Studies, Peace & Justice Studies Minor, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## SOCW 318 - Trends in Modern Soc: Race Rel

# SOCW 318 - Trends in Modern Soc: Race Rel

### 3 Credit Hours

This course provides a solid knowledge base regarding the role of race in professional and personal lives. The goal is to deepen students' perspective of what race/ethnicity means. Students will learn various theoretical frameworks used to promote diversity and as such race relations. The course will encourage self-reflection and examination of beliefs about the intrinsic value of all human beings. Students will explore barriers which historically have hindered greater positive growth for racial and ethnic minority groups.

**Prerequisites:** SOCW206

**Course Attributes:** Africana Studies Minor, Diversity Flag, ERS Focus Elective, GDST Race and Ethnicity Conc, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## SOCW 320 - Communication Skills Seminar

# SOCW 320 - Communication Skills Seminar

### 1 Credit Hours

This course provides the student an opportunity to develop and demonstrate a comprehensive array of oral and written communication skills for generalist social work practice.

The student will have the opportunity to practice and analyze communication skills with clients. Also, the student will develop and analyze professional interviewing skills by going on field interviews. Lastly, the student will develop an understanding of the need to adapt communication to meet the developmental needs of the client.

**Co-requisites:** SOCW392

**Restrictions:** Must be enrolled in one of the following Fields of Study (Major, Minor, or Concentration): Social Work

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 325 - Gender Identity & Intersection**

## **SOCW 325 - Gender Identity & Intersection**

#### **3 Credit Hours**

This course studies the changing roles of women and men in American & World cultures. Emphasis will be on sex roles, sex stereotyping, socialization of the sexes, gender based violence, media and employment. Social conditions and attitudes which affect the role and status of women and men in the social institutions of government, economics, education, religion, and family are explored. This course will also explore the intersectionality of women/men with ethnicity, age and sexual orientation.

**Prerequisites:** SOCW206

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, GDST Women and Gender Conc, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 330 - Strategies in Community Organ**

## **SOCW 330 - Strategies in Community Organ**

#### **3 Credit Hours**

An interdisciplinary examination of historical and contemporary strategies used by community organizers to effect social change. Includes applied experience in actual organizing environment.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 337 - Adolescent Crisis**

## **SOCW 337 - Adolescent Crisis**

#### **3 Credit Hours**

A study of the issues and problems of the adolescent.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 338 - Lesbian Gay BTQ Studies**

## **SOCW 338 - Lesbian Gay BTQ Studies**

#### **3 Credit Hours**

This course is designed to provide students with a foundation for understanding sexual identity in contemporary U.S. society and to introduce students to the field of lesbian, gay,



bisexual and transgender (LGBT) studies. The course is organized around three general themes: identity development and the politics of identity; the historical legacy of LGBT movements; and contemporary political, legal, and social issues facing LGBTQ communities. Students will address key concepts and debates about sexuality through the lens of various disciplines, including sociology, history, literature, psychology, economics, and cultural studies.

**Course Attributes:** Gender & Diversity Studies, GDST Women and Gender Conc

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 340 - Sexism and Racism in Society**

## **SOCW 340 - Sexism and Racism in Society**

#### **0 - 1 Credit Hours**

This course will explore the causes and effects of racial and gender stereotyping, prejudice, and discrimination on the individual, institutional, and cultural level. Emphasis will be on education, the workplace, interpersonal relations, and communication.

**Course Attributes:** Africana Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 348 - Intervention with Abused Child**

## **SOCW 348 - Intervention with Abused Child**

#### **0 - 1 Credit Hours**

This course is designed to acquaint the student with the different types of child abuse, family dynamics, and profiles of victims and offenders. Knowledge of various intervention strategies will be imparted.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 350 - Treating Sex Offenders & Victi**

## **SOCW 350 - Treating Sex Offenders & Victi**

#### **0 - 1 Credit Hours**

This workshop will explore treatment issues and approaches for working with sex offenders, victims, and other family members.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 352 - Research Methodology**

## **SOCW 352 - Research Methodology**

#### **3 Credit Hours**

Social workers use research findings to improve practice, inform policy, and provide effective social service delivery. This course will provide an in-depth study of the processes of scientific inquiry (research). We will explore the research method, approaches to building knowledge (quantitative vs. qualitative), and the application of research to social work practice (evidence based practice).

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## **SOCW 382 - Social Systems in the Life Cyc**

# **SOCW 382 - Social Systems in the Life Cyc**

### **2 Credit Hours**

The importance of organizations, communities, society, and global influences in assessing human behavior in the social environment.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## **SOCW 390 - Assessment, Diagnosis & Interv**

# **SOCW 390 - Assessment, Diagnosis & Interv**

### **3 Credit Hours**

This elective will present an overview of mental health diagnosis, assessment and intervention focusing on professional work in the mental health field by social workers and other helping professionals. Using the Diagnostic and Statistical Manual of Mental Disorders or DSM and other relevant materials, students will become familiar with common disorders and the process by which these disorders are assessed using the lens of social work practice. Furthermore, participants will gain general understanding of widely used treatment courses and intervention techniques to address mental illness by using case and profession specific examples. Throughout the class, students will also focus on critically analyzing the nature of the psychiatric diagnosis and available interventions/treatment as they relate to issues of gender, culture, race, age, sexual orientation, political power, and socioeconomic status in the context of current day implementation.

**Levels:** Undergraduate

*College of Professional Sci Social Work*

## **SOCW 392 - Practice I: Individuals**

# **SOCW 392 - Practice I: Individuals**

### **3 Credit Hours**

This course provides an introduction to the basic theories, concepts, values, and skills associated with generalist social work practice at the micro level including: roles and functions of social workers; theoretical frameworks for practice; communication and helping skills; and application of a planned change process.

**Prerequisites:** Undergraduate level SOCW167 Minimum grade of C and Undergraduate level SOCW299 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## **SOCW 393 - Practice II: Groups & Families**

# **SOCW 393 - Practice II: Groups & Families**

### **3 Credit Hours**

Students are introduced to theories, methods, and skills of generalist social work practice with groups and families. This includes the stages of group development as well as the dynamics of working with multiple clients at one time to accomplish mezzo level interventions.

**Prerequisites:** Undergraduate level SOCW392 Minimum grade of C

**Levels:** Graduate Undergraduate

**SOCW 394 - Practice III: Comm & Org**

## **SOCW 394 - Practice III: Comm & Org**

**3 Credit Hours**

This course is designed to offer the student knowledge and application of the fundamentals of social work practice, the problem-solving process, and effective use of self as an agent of change with an emphasis on macro level social work practice in organizations, communities, and society.

**Prerequisites:** SOCW393

**Co-requisites:** SOCW417, SOCW419

**Levels:** Graduate Undergraduate

**SOCW 395 - Directed Study**

## **SOCW 395 - Directed Study**

**1 - 3 Credit Hours**

Individualized study in an area of faculty expertise.

**Levels:** Graduate Undergraduate

**SOCW 402 - Child Maltreatment & Fam Viol**

## **SOCW 402 - Child Maltreatment & Fam Viol**

**3 Credit Hours**

This course introduces students to the topics of child maltreatment, human trafficking, intimate partner violence, and elder abuse. Students will have an opportunity to explore all of these topics in-depth beginning with a basic understanding of history, terminology, scope, and severity. They will learn about the laws and governing bodies for those who have been abused or exploited, and of those who have committed such atrocities. Students will become aware of signs, symptoms and short/long term effects of various abuses. This course exposes students to an often hidden dynamic within many families, communities, and schools. Students will look at current events as they relate to the areas of focus, as well as participate in off-sight shadowing opportunities as they are available.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

**SOCW 404 - Rel/Ethics & Profession Pract**

## **SOCW 404 - Rel/Ethics & Profession Pract**

**3 Credit Hours**

This course will enable students to recognize and appropriately respond to religious, spiritual, and ethical issues that arise in the context of practice in professional fields such as social work, criminal justice, nursing, psychology and occupational therapy. The main goal is to be able to understand and use a justified reasoning process for ethical decision making that recognizes the role of spirituality for clients and professionals. The following components will be include: critical analysis of the similarities and differences between religion and spirituality; elements of professional ethics such as values, principles, and professional codes; one's own personal ethical and religious/spiritual perspective; comparison of similarities and differences between and among professional code of ethics across disciplines, steps involved in ethical decision making models; inclusive diversity terminology and how power and privilege influence ethical decision making; and the collaborative application of ethical decision-making to clinical cases in order to learn from

one another's ethical and religious/spiritual wisdom.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Diversity Flag, ERS Focus Elective, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 407 - Addiction: An Epidemic**

## **SOCW 407 - Addiction: An Epidemic**

#### **0 - 1 Credit Hours**

Various forms of addiction are becoming the leading social problems of this century. An overview of addiction will be imparted as well as specific manifestations such as sex, gambling, eating disorders, and drugs. The impact of addiction on the individual, family, and society will be discussed.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 408 - Women & Societal Violence**

## **SOCW 408 - Women & Societal Violence**

#### **0 - 1 Credit Hours**

A historical perspective on violence against women. Modern day forms of violence against women and intervention will be studied. Prosecution of cases will be presented and treatment strategies for offenders will be explored.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 409 - Group Dynamics**

## **SOCW 409 - Group Dynamics**

#### **3 Credit Hours**

In depth consideration of basic dynamics and processes operating in groups and various strategies used in the group approach as they relate to educational, business, social and personal interactions and problems.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 412 - Gerontological Social Work**

## **SOCW 412 - Gerontological Social Work**

#### **3 Credit Hours**

This course critically examines the social, psychological and biological aspects of aging; focuses on the social constraints encountered by the aged, the social welfare systems which serve the aged, and the role of the social work practitioner in serving the aged.

**Levels:** Graduate Undergraduate

## SOCW 414 - Child & Adolescent Chronic Ill

# SOCW 414 - Child & Adolescent Chronic Ill

### 1 Credit Hours

This intensive course will examine the child and adolescent with chronic illness and discuss treatment approaches from a multi-disciplinary or bio-psycho-social intervention model. The instructor will draw upon extensive experience and observations from working in clinics, hospitals or in the field with children who have been diagnosed with such disorders as: cancer, hemophilia, AIDS, diabetes, sickle cell anemia, endocrine/growth problems, cleft palate, genetic anomalies, mental health DSM-IV disorders, as well as children with multiple handicaps and disabilities. Emphasis will be given to practical ways counselors and other mental health professionals and teachers can build and maintain therapeutic relations with children who have been dealt this difficult challenge of handling a chronic or life threatening illness. Additionally, this course will give special attention to identifying needs, assessing, and treating families and siblings of children who have a chronic illness.

**Levels:** Graduate Undergraduate

## SOCW 417 - Social Work Field Instruction

# SOCW 417 - Social Work Field Instruction

### 3 Credit Hours

This course provides the student an opportunity to work directly with client systems in an approved social service agency under the supervision of a professional social worker. Students will have an opportunity to integrate the knowledge, values and skills acquired in the classroom with real life practice experiences, and thus prepare themselves as generalist practitioners. This course will focus on the processes of intake, engagement, and assessment with individuals, families, groups, organizations and communities utilizing a generalist practice approach. The course will increase the student's awareness and understanding of both their personal and professional selves within their role as a social work student and soon to be professional through the use of reflection and discernment.

**Prerequisites:** Undergraduate level SOCW394 Minimum grade of C and Undergraduate level SOCW419 Minimum grade of C

**Co-requisites:** SOCW394, SOCW419

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

## SOCW 418 - Social Work Field Instruction

# SOCW 418 - Social Work Field Instruction

### 3 Credit Hours

This course provides the student an opportunity to work directly with client systems in an approved social service agency under the supervision of a professional social worker. Students will have an opportunity to integrate the knowledge, values and skills acquired in the classroom with real life practice experiences, and thus prepare themselves as generalist practitioners. This course will focus on the processes of planning, intervention and evaluation with individuals, families, groups, organizations and communities utilizing a generalist practice approach. The course will increase the student's awareness and understanding of both their personal and professional selves within their role as a social work student and soon to be professional social worker through the use of reflection and discernment.

**Prerequisites:** Undergraduate level SOCW417 Minimum grade of C and Undergraduate level SOCW419 Minimum grade of C

**Co-requisites:** SOCW420

**Course Attributes:** Immersive Learning Experience

**Levels:** Graduate Undergraduate

## SOCW 419 - Social Work Seminar

# SOCW 419 - Social Work Seminar

### 3 Credit Hours

This seminar course provides the student an opportunity to discuss and analyze the knowledge, values and skills acquired in the classroom with the real life practice experiences gained in field. Students will conduct an analysis of their field agency, present findings in class and learn about a wide variety of social work settings. Student will also have an opportunity to explore and resolve an ethical dilemma in their practice and present the outcome of the situation. The course will increase the student's awareness and understanding of both their personal and professional selves within their role as a social work student and soon to be professional social worker through the use of reflection and discernment.

**Prerequisites:** Undergraduate level SOCW417 Minimum grade of C and Undergraduate level SOCW394 Minimum grade of C

**Co-requisites:** SOCW394, SOCW417

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## SOCW 420 - Social Work Seminar

# SOCW 420 - Social Work Seminar

### 3 Credit Hours

This seminar course provides the student an opportunity to discuss and analyze the knowledge, values and skills acquired in the classroom with the real life practice experiences gained in field. Students will conduct an analysis of his or her professional development of self-utilizing a spiritually sensitive perspective. The student will also have an opportunity to conduct a case analysis integrating understanding of generalist practice with an emphasis on the planned change process. The course will increase the student's awareness and understanding of both their personal and professional selves within their role as a social work student and soon to be professional social worker through the use of reflection and discernment.

**Prerequisites:** Undergraduate level SOCW417 Minimum grade of C and Undergraduate level SOCW419 Minimum grade of C

**Co-requisites:** SOCW418

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## SOCW 423 - Research Methodology

# SOCW 423 - Research Methodology

### 3 Credit Hours

Social workers use research findings to improve practice, inform policy, and provide effective social service delivery. This course will provide an in-depth study of the processes of scientific inquiry (research). We will explore the research method, approaches to building knowledge (quantitative vs. qualitative), and the application of research to social work practice (evidence based practice).

**Course Attributes:** Quantitative Reason Flag Full, Writing Flag Core

**Levels:** Undergraduate

*College of Professional Sci Social Work*

## SOCW 424 - Research Project

# SOCW 424 - Research Project

### 1 Credit Hours

Students will conduct a piece of original research at their field placement or other agreed upon setting. Students will present their research project to the class in the form of a professional poster.

**Prerequisites:** Undergraduate level SOCW352 Minimum grade of C or Undergraduate level SOCW423 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 425 - Applied Research Methods**

# **SOCW 425 - Applied Research Methods**

**3 Credit Hours**

0

**Prerequisites:** Undergraduate level SOCW423 Minimum grade of C

**Levels:** Undergraduate

*College of Professional Sci Social Work*

### **SOCW 430 - Intro to CBT and REBT**

# **SOCW 430 - Intro to CBT and REBT**

**0 - 2 Credit Hours**

0

**Levels:** Undergraduate

*College of Professional Sci Social Work*

### **SOCW 432 - Res. & CI Issues: SMD Populati**

# **SOCW 432 - Res. & CI Issues: SMD Populati**

**3 Credit Hours**

A survey of the chronic patients with severe emotional problems, etiology, diagnosis, and treatment issues.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 444 - Addictive Behaviors**

# **SOCW 444 - Addictive Behaviors**

**3 Credit Hours**

This course will examine the common processes through which individuals develop addictions such as chronic alcohol abuse, abuse of other chemicals, eating disorders, addictive relationships, and compulsive gambling. This course will also explore the differences among the addiction processes that contribute to some experts declaring it impossible to develop a common definition of addiction. Historical development of psychosocial and behavioral theories of addiction; relationships between addiction, families, and society; and race, class, and gender analysis will be included.

**Prerequisites:** Undergraduate level PSYC101 Minimum grade of D or Undergraduate level SOCI101 Minimum grade of D or Undergraduate level SOCW167 Minimum grade of D

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 463 - Counseling Challenging Youth**

## **SOCW 463 - Counseling Challenging Youth**

#### **1 Credit Hours**

Workshop participants will learn a number of practical strategies for building and maintaining therapeutic relationships with challenging youth and families. The strategies will be formatted around six guiding principles common to most human services professionals who successfully engage this population. Participants will be challenged to assess their own attitudes, beliefs, and behaviors related to challenging youth via lecture, demonstrations, small group activities, and role plays.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 472 - Marital & Family Therapy**

## **SOCW 472 - Marital & Family Therapy**

#### **2 Credit Hours**

Provides an overall introduction into marital and family therapy in teaching a range of psychological disorders. Acquaints the student with the latest advances in assessment and therapeutic intervention procedures from a marital and family therapeutic perspective.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 483 - Working w/Difficult Tough Chld**

## **SOCW 483 - Working w/Difficult Tough Chld**

#### **1 Credit Hours**

Identification, assessment and treatment procedures useful in working therapeutically with a range of psychological disorders experienced by children and adolescents.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SOCW 484 - Gestalt Therapy**

## **SOCW 484 - Gestalt Therapy**

#### **1 Credit Hours**

Introduction to theoretical foundations and therapeutic techniques of Gestalt therapy with particular emphasis on experimental learning.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### **SPAN 101 - Elementary Spanish I**



# SPAN 101 - Elementary Spanish I

## 3 Credit Hours

An introduction to basic language skills emphasizing the acquisition of high-frequency vocabulary and the development of cultural awareness.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## SPAN 102 - Elementary Spanish II

# SPAN 102 - Elementary Spanish II

## 3 Credit Hours

The second semester elementary course which is a continuation of SPAN 101. Pre-requisite: SPAN 101 (unless waived).

**Prerequisites:** SPAN101 or Placement - Spanish 102 or Graduate level EDMS999

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## SPAN 103 - Accelerated Intro Spanish

# SPAN 103 - Accelerated Intro Spanish

## 3 Credit Hours

This is an accelerated beginning Spanish course for students who have had some prior study of the language, have placed into the course by examination, or who have chosen this course after having placed in SPAN 102. Students will practice the three modes of communication (Interpersonal, Interactive and Presentational) as they work towards developing language proficiency, both in speaking and writing. Instruction and coursework is entirely in Spanish in order to emphasize the development of proficiency. Upon successful completion of Spanish 103, students will enroll in SPAN 201: Intermediate Spanish I to complete the core language requirement.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## SPAN 201 - Intermediate Spanish I

# SPAN 201 - Intermediate Spanish I

## 3 Credit Hours

The first semester intermediate course which is a continuation of SPAN 102 with a particular emphasis on the development of more creative use of the language. {re-requisite: SPAN 102 (unless waived)}

**Prerequisites:** SPAN102 or Placement - Spanish 201 or SPAN103

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## SPAN 202 - Intermediate Spanish II

# SPAN 202 - Intermediate Spanish II

## 3 Credit Hours

The second semester intermediate course emphasizing reading and writing skills through the study of authentic materials dealing with the Hispanic world. Pre-requisite: SPAN 201 (unless waived)

**Prerequisites:** Undergraduate level SPAN201 Minimum grade of D or Placement - Spanish 202 or Graduate level EDMS999

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 205 - Hispanic Lit & Moral Imagin**

## **SPAN 205 - Hispanic Lit & Moral Imagin**

#### **3 Credit Hours**

An examination of ethical and moral issues from the literature of the Spanish-speaking world that illuminate contemporary society. Course given in translation does not fulfill requirements for Spanish major or minor. Fulfills E/RS focus Lit and the Moral Imagination requirement.

**Course Attributes:** Lit and Moral Imagination

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 253 - Intro to Latin American Stud**

## **SPAN 253 - Intro to Latin American Stud**

#### **3 Credit Hours**

An introduction to Latin American Studies concentrating on historical, sociopolitical and cultural issues. Taught in English. Does not count towards major, minor, or language certification in Spanish.

**Prerequisites:** PHIL100 or THEO111

**Course Attributes:** ERS Focus Elective, Gender & Diversity Studies, Latin American Studies Minor, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 300 - Advanced Spanish I**

## **SPAN 300 - Advanced Spanish I**

#### **3 Credit Hours**

A language development course which emphasizes equally listening, speaking, reading, writing, and cultural aspects with an extensive grammar review. Pre-requisite: SPAN 202 or its equivalent.

**Course Attributes:** Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 301 - Advanced Spanish II**

## **SPAN 301 - Advanced Spanish II**

#### **3 Credit Hours**

This course offers advanced and comprehensive structure of the Spanish language, emphasizing listening, writing, reading, and cultural aspects. Pre-requisite: SPAN 202 or equivalent

**Prerequisites:** Undergraduate level SPAN202 Minimum grade of D or Placement - Spanish 300 or EDMS999

**Course Attributes:** Humanities Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 302 - Spanish Conversation**

# **SPAN 302 - Spanish Conversation**

#### **3 Credit Hours**

Designed for the development of speaking and listening skills through active participation by students. Discussions and activities are based on contemporary issues. Pre-requisite: SPAN 300 or SPAN 301 or equivalent.

**Prerequisites:** Undergraduate level SPAN300 Minimum grade of D or Undergraduate level SPAN301 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 303 - Spanish Composition**

# **SPAN 303 - Spanish Composition**

#### **3 Credit Hours**

Designed for the development of both formal and informal writing skills. Types of writing include journal, letter, summary, and analytical. Pre-requisite: SPAN 300, SPAN 301 or its equivalent.

**Prerequisites:** Undergraduate level SPAN300 Minimum grade of D or Undergraduate level SPAN301 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 304 - Spanish Vocabulary in Context**

# **SPAN 304 - Spanish Vocabulary in Context**

#### **3 Credit Hours**

Study of technical and functional vocabulary in selected situations not found in traditional textbooks. Pre-requisite: SPAN 300, SPAN 301 or its equivalent

**Prerequisites:** Undergraduate level SPAN300 Minimum grade of D or Undergraduate level SPAN301 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 305 - Readings in Spanish**

# **SPAN 305 - Readings in Spanish**

#### **3 Credit Hours**

Readings from literary and nonliterary sources chosen to improve reading skills, with continued practice of listening, speaking and writing skills. Pre-requisite: SPAN 300, SPAN 301 or equivalent.

**Prerequisites:** Undergraduate level SPAN300 Minimum grade of D or Undergraduate level SPAN301 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 306 - Business Spanish**

# **SPAN 306 - Business Spanish**

#### **3 Credit Hours**

Development of the four skills in the context of the contemporary Hispanic business world by readings, discussions, and written practice. Emphasis on the terminology of commercial Spanish. Pre-requisite: SPAN 300, SPAN 301 or its equivalent.

**Prerequisites:** Undergraduate level SPAN300 Minimum grade of D or Undergraduate level SPAN301 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 309 - Con Issues in Span Speak World**

# **SPAN 309 - Con Issues in Span Speak World**

#### **3 Credit Hours**

This course will offer students the opportunity to examine and analyze contemporary issues in Peru society along with the broad themes of Peruvian history and cultural heritage that continue to influence the lives of Peruvians. Through the incorporation of a variety of authentic texts, students investigate, discuss, and compose position papers on social justice issues. An online collaborative component engages students in interaction with Peruvian students enrolled at the Jesuit University of Antonio Ruiz de Montoya in Lima, Peru. The course will feature virtual collaborative tasks and activities related to social issues of global dimension, a research project and presentation. Possible themes include existence of multiple linguistic and cultural ethnicities, economic and political issues, religious traditions, family patterns and violence against women, access to education and clean water, societal ethics and philosophy, artistic and musical forms. Taught in Spanish.

**Prerequisites:** SPAN300

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 310 - Text and Cultural Analysis**

# **SPAN 310 - Text and Cultural Analysis**

#### **3 Credit Hours**

This course is designed to develop writing and analytical skills in Spanish. Built around the questions, "What is literature?" and "What is a text?," the course examines literary texts divided by genres (poetry, short story, theatre, novel, essay) and non-literary texts (autobiography, testimony, documentary film, chronicles), and looks to examine textual structure, narrative point of view, and focalization as principal analytical considerations. Students in this course develop skills for close textual readings in class discussions and engage in writing as a collaborative process that includes self-correction, peer correction and correction by the instructor. The course includes a final research paper that is developed throughout the semester and has readings from the Golden Age in Spain or slave narratives in the Caribbean to modern theatre and the novel. Critical Approaches counts for all Spanish majors and minors in the Department of Classic and Modern Languages.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 323 - Topics in Global Spanish**

# **SPAN 323 - Topics in Global Spanish**

**3 Credit Hours**

SPAN323 is an advanced Spanish course for students who have taken SPAN300/SPAN301 and another advanced Spanish course in the 302-310 range. This class will examine a specific theme such as immigration, racism, nationalism, feminism, and social media (among other possibilities) in Spanish-speaking cultures and contexts around the world. The unique relevance of that semester's individual theme to the Spanish-speaking world will be made clear, as the term itself ("nationalism," for example) will be defined at the beginning of the course. .

**Prerequisites:** SPAN300 or SPAN301

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 325 - History of the Spanish Language**

# SPAN 325 - History of the Spanish Language

**3 Credit Hours**

Study of the evolution and development of the Spanish language from Latin to present day Spanish. Students MUST take at least two of the following before enrolling in this course: SPAN 300, 301, 302, 303, 304, 305, and 306.

**Course Attributes:** Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 326 - Spanish: Applied Linguistics**

# SPAN 326 - Spanish: Applied Linguistics

**3 Credit Hours**

Study of the Spanish language designed to increase knowledge and competence through discussion and practice of language usage. Students MUST take at least two of the following before enrolling in this course: SPAN 300, 301, 302, 303, 304, 305, and 306.

**Course Attributes:** Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 328 - Phonetics and Dialectology**

# SPAN 328 - Phonetics and Dialectology

**3 Credit Hours**

Study of the phonetic system of the Spanish language, including transcription and identification of dialectal features. Students MUST take at least two of the following before enrolling in this course: SPAN 300, 301, 302, 303, 304, 305, and 306.

**Course Attributes:** Latin American Studies Minor, Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 329 - Spanish for Elem Teachers**

# SPAN 329 - Spanish for Elem Teachers

**3 Credit Hours**

Emphasis placed on continued development of oral proficiency and a strong vocabulary base essential of thematic units. Program models, theories of first and second language

acquisition, appropriate activities, and the principles of thematic planning will be investigated. Field experiences involving on-campus teaching of unit designs are an integral part of the course. Students MUST take at least two of the following before enrolling in this course: SPAN 300, 301, 302, 303, 304, 305 and 306.

**Prerequisites:** Undergraduate level SPAN300 Minimum grade of D or Undergraduate level SPAN301 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 330 - Methods Curr Assess For Lang**

## **SPAN 330 - Methods Curr Assess For Lang**

#### **3 Credit Hours**

This course provides an introduction to curriculum content, teaching methodologies and assessment techniques as they pertain to candidates preparing for initial licensure in the teaching of foreign languages. Field experiences will also be incorporated into the course curriculum. Individual interview with instructor is required prior to registering for course.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 331 - Latino Voices in the Community**

## **SPAN 331 - Latino Voices in the Community**

#### **3 Credit Hours**

0

**Prerequisites:** SPAN300 or SPAN301

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 332 - Span Community Health Settings**

## **SPAN 332 - Span Community Health Settings**

#### **3 Credit Hours**

Spanish in Community Health Settings is an advanced Spanish course designed to develop effective communication with Spanish-speaking patients in community healthcare settings. Students will engage with local community health providers and examine population health issues that face the Spanish-speaking population both locally and nationally. Students actively engage in local health care and social service organizations.

**Prerequisites:** SPAN300

**Course Attributes:** Peace & Justice Studies Minor, Population Health, Service Learning

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 340 - Colonial Shadows**

## **SPAN 340 - Colonial Shadows**

#### **3 Credit Hours**

SPAN340 uses colonial and postcolonial theory to study a number of literary and artistic works (painting, sculpture, etc.) and examine these within their specific historical contexts. The unique characteristics of each work will be studied in conjunction with other works and within discrete themes that will serve to unify the study of colonial and

postcolonial letters, poems, short stories, essays, theater, and fragments of novels alongside paintings, drawings, sculptures and works of architecture, among other examples.

**Prerequisites:** SPAN300 or SPAN301

**Course Attributes:** Humanities Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 345 - Comtemporary Lat Amer Cinema**

## **SPAN 345 - Comtemporary Lat Amer Cinema**

#### **3 Credit Hours**

This course explores contemporary cinema from diverse parts of Latin America, from the 1990s to the present. It examines how films are part of, represent, and respond to Latin American historical, political and cultural contexts. The course will focus on prevailing trends and dominant themes in contemporary Latin American cinema. Students will analyze how contemporary Latin American filmmakers engage with societies where economic precarity and inequality are the norm, and how they respond aesthetically to the globalization of film spectatorship.

**Prerequisites:** SPAN300 or SPAN301

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 350 - Spanish Civilization**

## **SPAN 350 - Spanish Civilization**

#### **3 Credit Hours**

Representative culture and history of Spain. Students MUST take at least two of the following before enrolling in this course: SPAN 300, 301, 302, 303, 304, 305, and 306.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 351 - Latin-American Civilization I**

## **SPAN 351 - Latin-American Civilization I**

#### **3 Credit Hours**

Representative culture and history of Latin America from its beginnings to the independence. Students MUST take at least two of the following before enrolling in this course: SPAN 300, 301, 302, 303, 304, 305, and 306.

**Prerequisites:** Undergraduate level SPAN300 Minimum grade of D or Undergraduate level SPAN301 Minimum grade of D

**Course Attributes:** Diversity Flag, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 352 - Latin Amer Trad & Pop Cult**

## **SPAN 352 - Latin Amer Trad & Pop Cult**

#### **3 Credit Hours**

Representative culture and history of Latin America from independence to the present. Students MUST take at least two of the following before enrolling in this course: SPAN

300, 301, 302, 303, 304, 305, and 306.

**Prerequisites:** Undergraduate level SPAN300 Minimum grade of D or Undergraduate level SPAN301 Minimum grade of D

**Course Attributes:** GDST Race and Ethnicity Conc, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 354 - Pop Culture/Spain Civil War**

## **SPAN 354 - Pop Culture/Spain Civil War**

### **3 Credit Hours**

This course introduces the advanced Spanish student to the study of literary texts within a specific cultural context.

**Prerequisites:** SPAN300 or SPAN301

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 357 - Language and Culture in Guatem**

## **SPAN 357 - Language and Culture in Guatem**

### **3 Credit Hours**

This course offers the opportunity to examine the Guatemalan culture in the context of social justice issues, both locally and internationally. Each class session will include an integration of the history, culture, practices, products and perspectives of the Guatemalan people. Through interactions with Guatemalans, coursework is designed to enhance students' acquisition of the Spanish language and to develop intercultural communicative competence. This course is taught in Spanish and is held in both Cincinnati and Guatemala.

**Prerequisites:** SPAN300 or SPAN301

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 358 - Central Amer Society & Culture**

## **SPAN 358 - Central Amer Society & Culture**

### **3 Credit Hours**

This course is designed for students on the Nicaragua Service Learning Semester (there will also be courses in Spanish language, literature, theology, and service learning). Starting from the belief that culture and society are better understood in relation to the historical, sociopolitical, economic, and religious context, this course will provide an introduction to these major topics as well as to the art, music, and literature of the Central American region (focusing primarily on Nicaragua and El Salvador). It is also designed to help students integrate all aspects of their experience during the semester. Two major foci within this will be to examine the role of the Church (in conjunction with your theology class) and the United States' influence and actions in the area. This will be done from the perspective of different groups in the U.S. and Central America. We will discuss both positive and negative aspects of the U.S. relationship with Central American and the issues involved (political, economic, ethical, and moral). We will also discuss what we as individuals might do to ensure that, in this new century, the attitudes, policies, and actions of our country might be more coherent and responsible. This course would count for the Latin American Studies minor, and an E/R&S or Peace Studies elective. Only if the majority of the reading and all the written work is done in Spanish with an extra discussion section in Spanish would it count for a Spanish major or minor (Section 02).

**Prerequisites:** Undergraduate level THEO111 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D and Undergraduate level HIST151 Minimum grade of D and Undergraduate level SPAN102 Minimum grade of D and Undergraduate level UNST200 Minimum grade of D

**Co-requisites:** UNST300

**Course Attributes:** ERS Focus Elective, Latin American Studies Minor, Peace & Justice Studies Minor



**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 359 - Community Engagement Peru**

# **SPAN 359 - Community Engagement Peru**

#### **3 Credit Hours**

Solidarity, Sustainability and Community Engagement in Peru is an advanced Spanish course designed to immerse students in the Spanish language and the culture of Peru. This course examines Contemporary Peruvian society and cultures, Andean sustainable practices and rituals, and social justice issues related to global citizenship. Immersive experiences, both virtual and during field study in Peru, provide the opportunity for ongoing student growth related to intercultural communicative competence. Emphasis is placed on global learning and the inextricable connection of languages and cultures.

**Prerequisites:** SPAN300 or SPAN301

**Course Attributes:** Immersive Learning Experience, Peace & Justice Studies Minor, Service Learning

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 370 - Intro Lit Analysis & Criticism**

# **SPAN 370 - Intro Lit Analysis & Criticism**

#### **3 Credit Hours**

SPAN 370 is an advanced course for students who have taken SPAN 300 and/or SPAN 301 and are preparing to take a 400-level literature course. In the class, we will read selections of different canonical and non-canonical works by Spanish and Latin American authors and learn how to apply a series of distinct literary analytical tools that stem from—but are not limited to—a variety of theoretical perspectives (including postcolonial, feminist, neoliberal, and marxist points of reference, for example). The unique characteristics of each individual literary genre (poetry, the novel, the short story, the essay, and theatre) will also be studied, as well as the history of literary criticism in Spain and Latin America.

**Prerequisites:** Undergraduate level SPAN303 Minimum grade of D or Undergraduate level SPAN300 Minimum grade of D or Undergraduate level SPAN301 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 415 - Hispanic Lit in the Classroom**

# **SPAN 415 - Hispanic Lit in the Classroom**

#### **3 Credit Hours**

Study of strategies for integrating literature with language and culture in the secondary Spanish classroom. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **SPAN 421 - Spanish Literature & Civ I**

# **SPAN 421 - Spanish Literature & Civ I**

#### **3 Credit Hours**

A chronological study of Spanish literature and civilization from medieval period through the 17th century. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 422 - Spanish Literature & Civ II**

## **SPAN 422 - Spanish Literature & Civ II**

**3 Credit Hours**

A continuation of SPAN 421 covering the 18th and 19th centuries. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 423 - Spanish Literature & Civ III**

## **SPAN 423 - Spanish Literature & Civ III**

**3 Credit Hours**

A continuation of SPAN 422 covering the 20th century. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 427 - Spanish-American Lit & Civ I**

## **SPAN 427 - Spanish-American Lit & Civ I**

**3 Credit Hours**

A chronological study of Spanish-American literature and civilization from the colonial period through the 18th century. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 428 - Spanish-American Lit & Civ II**

## **SPAN 428 - Spanish-American Lit & Civ II**

**3 Credit Hours**

A continuation of SPAN 427 covering the 19th and early 20th centuries. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 429 - Spanish-American Lit & Civ III**

## **SPAN 429 - Spanish-American Lit & Civ III**

**3 Credit Hours**

A continuation of SPAN 428 covering the latter part of the 20th century. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 433 - Spanish Literature of Golden A**

## **SPAN 433 - Spanish Literature of Golden A**

**3 Credit Hours**

Representative author(s) and genre(s) of the 16th and 17th centuries. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 436 - 19th Century Spanish Literatur**

## **SPAN 436 - 19th Century Spanish Literatur**

**3 Credit Hours**

Representative authors and works of romanticism, realism, and naturalism. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 439 - 20th Century Spanish Literatur**

## **SPAN 439 - 20th Century Spanish Literatur**

**3 Credit Hours**

Representative authors and genres from the Generation of 1898 to the present day. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 440 - Hispanic Poetry**

## **SPAN 440 - Hispanic Poetry**

**3 Credit Hours**

Representative Spanish and Spanish-American poets. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 444 - 19th Century Spanish-Amer Lit**

## **SPAN 444 - 19th Century Spanish-Amer Lit**

**3 Credit Hours**

Representative author(s) and genre(s). Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 445 - 20th Century Spanish-Amer Lit**

## **SPAN 445 - 20th Century Spanish-Amer Lit**

**3 Credit Hours**

Representative author(s) and genre(s). Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 446 - Hispanic Crime Fiction**

## **SPAN 446 - Hispanic Crime Fiction**

**3 Credit Hours**

Crime fiction (also known as detective novels or mystery stories) has flourished in Spanish-speaking countries for several decades. This course proposes the study of social, political, and economic change through the reading of these popular texts. We will learn about major figures in crime fiction in Spanish, with reference to the international history of the genre, and use the readings to reflect on trends in Spanish-speaking cultures and societies. The interdisciplinary focus will be of interest to students of literature, history, politics, economics, and gender studies, as well as to anyone interested in current events. Students must take six hours in courses numbered higher than SPAN 310 before enrolling in this course.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 450 - Hispanic Literature**

## **SPAN 450 - Hispanic Literature**

**3 Credit Hours**

Analysis of excerpts from representative authors. Students MUST take at least two courses above SPAN 306 before enrolling in this course.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 495 - Directed Study: Language**

# **SPAN 495 - Directed Study: Language**

**0 - 6 Credit Hours**

Independent study. Students have successfully completed SPAN 202 before enrolling in this course.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 496 - Directed Study: Culture/Civ**

# **SPAN 496 - Directed Study: Culture/Civ**

**0 - 6 Credit Hours**

Independent study. Students MUST take at least two of the following before enrolling in this course: SPAN 300, 301, 302, 303, 304, 305, and 306.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 497 - Directed Study: Literature**

# **SPAN 497 - Directed Study: Literature**

**0 - 6 Credit Hours**

Independent study. Students MUST have successfully completed two courses above SPAN 306.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 499 - Senior Research Project**

# **SPAN 499 - Senior Research Project**

**1 Credit Hours**

Research for senior project is required for all majors in Spanish. Most of the required upper-division coursework for the major must be completed before enrolling in this course.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 615 - Hispanic Lit in the Classroom**

# **SPAN 615 - Hispanic Lit in the Classroom**

**3 Credit Hours**

Study of strategies for integrating literature with language and culture in the secondary Spanish classroom.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**SPAN 625 - History of the Spanish Language**

# **SPAN 625 - History of the Spanish Language**

**3 Credit Hours**

Study of the evolution and development of the Spanish language from Latin to present day Spanish.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**SPAN 626 - Spanish Language for Teachers**

# **SPAN 626 - Spanish Language for Teachers**

**3 Credit Hours**

Study of the Spanish language designed to increase knowledge and competence through discussion and practice of language usage.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**SPAN 628 - Phonetics & Dialectology**

# **SPAN 628 - Phonetics & Dialectology**

**3 Credit Hours**

Study of the phonetic system of the Spanish language, including transcription and identification of dialectical features.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**SPAN 629 - Elem Spanish for Teachers**

# **SPAN 629 - Elem Spanish for Teachers**

**3 Credit Hours**

Emphasis placed on continued development of oral proficiency and a strong vocabulary base essential of thematic units. Program models, theories of first and second language acquisition, appropriate activities, and the principles of thematic planning will be investigated. Field experiences involving on-campus teaching of unit designs are an integral part of the course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**SPAN 695 - Directed Study: Language**

# SPAN 695 - Directed Study: Language

**1 - 3 Credit Hours**

Independent study.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 696 - Directed Study: Culture/Civ**

# SPAN 696 - Directed Study: Culture/Civ

**0 - 6 Credit Hours**

Independent study.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 697 - Directed Study: Literature**

# SPAN 697 - Directed Study: Literature

**1 - 3 Credit Hours**

Independent study.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Classics & Modern Languages*

**SPAN 700 - Graduate Research: Spanish**

# SPAN 700 - Graduate Research: Spanish

**3 Credit Hours**

Research for the M.A.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Classics & Modern Languages*

**SPMG 110 - Intro to Sports Management**

# SPMG 110 - Intro to Sports Management

**3 Credit Hours**

Management of programs in physical activities. Intercollegiate and interscholastic athletics. Professional sports. Recreational sports. Corporate fitness. Health clubs, country clubs, and other activity centers.

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

### **SPMG 132 - Sociology of Sport**

# **SPMG 132 - Sociology of Sport**

#### **3 Credit Hours**

Impact of sport on society. The social structures. The integration of sport with other social institutions.

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

### **SPMG 141 - Issue Affecting Student-Athlet**

# **SPMG 141 - Issue Affecting Student-Athlet**

#### **1 Credit Hours**

Personal and social issues such as time management, note and test taking, goal setting, alcohol/drug awareness. Knowledge and discussion of NCAA and Xavier Athletic Department regulations, Sports Nutrition, Title IX, and gender equity.

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

### **SPMG 195 - History of American Sport**

# **SPMG 195 - History of American Sport**

#### **3 Credit Hours**

The course provides an overview of the history, as well as the social, political, cultural, technological and economic trends that have shaped the sport industry in the United States. Particular emphasis is placed on the period from 1800 to the present.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Population Health

**Levels:** Undergraduate

*College of Professional Sci Sport Science and Management*

### **SPMG 232 - Sociology of Sport**

# **SPMG 232 - Sociology of Sport**

#### **3 Credit Hours**

Sociology of Sport is a study of the role of sports in the United States, focusing on sports as social and cultural phenomena. Through the course students will examine how sport and society interact, and the relationship of sport to social variables (e.g., gender, race, social class), social institutions (e.g., education, family, politics, religion), and social issues (e.g., drug use/abuse, sportsmanship, sexuality, violence).

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*



## **SPMG 250 - Prof Development in Sport Mgmt**

# **SPMG 250 - Prof Development in Sport Mgmt**

### **3 Credit Hours**

This course is designed to introduce students to professional development relative to the sport industry and the business of sport. This course places emphasis upon effective written and oral communication, understanding the role and skills associated with management and organizational structure of sport organizations as well as exploring career options and the job search process relative to the sport industry. Additional emphasis will focus upon strategy, current events, and trends within the industry.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

## **SPMG 310 - Sport Marketing**

# **SPMG 310 - Sport Marketing**

### **3 Credit Hours**

Career opportunities in the sports industry. The evolution of the field and its place in our economy. Marketing plan, current trends. Marketing mix, sponsorships, special event fundraising, public relations, promotions, television, sports products.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

## **SPMG 322 - Facility & Event Mgmt**

# **SPMG 322 - Facility & Event Mgmt**

### **3 Credit Hours**

Planning and managing athletic, physical education, recreation and other sport facilities. Basic concerns in developing and organizing events in sports areas.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

## **SPMG 340 - International Sport**

# **SPMG 340 - International Sport**

### **3 Credit Hours**

Students will be given a multifaceted view of the issues, challenges, and opportunities in international sport management as well as the major functional areas that govern international sport. This course will provide students with critical insights into the practice of business as it applies to international sport.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

## **SPMG 345 - Sport Governance**

# **SPMG 345 - Sport Governance**

### **3 Credit Hours**

Course is designed to provide knowledge and awareness of the rules, regulations, and/or policies governing various sport organizations. The course will specifically highlight the

mission, membership, financial and organizational structure related to professional sport, international sport, intercollegiate sport, scholastic sport and amateur sport. An understanding of the differences in how sport is governed is critical to the continued growth of the industry.

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Education*

### **SPMG 348 - Legal & Ethical Issues in Sprt**

## **SPMG 348 - Legal & Ethical Issues in Sprt**

#### **3 Credit Hours**

Basic legal principles affecting the management of physical activity and sports programs. Liability, negligence and risk assessment.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

### **SPMG 350 - Professional Devel. SPMG**

## **SPMG 350 - Professional Devel. SPMG**

#### **3 Credit Hours**

The course is designed to prepare students to enter the sport industry. It is focused on identifying industry trends and their effect on employment in the field, exploring career paths and developing effective job search skills.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

### **SPMG 360 - Sport Finance & Economics**

## **SPMG 360 - Sport Finance & Economics**

#### **3 Credit Hours**

Concerns financial matters and business issues relating to the sport industry. Focus on awareness and understanding of basic financial responsibilities, a working vocabulary of financial terms, financial concepts and issues.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

### **SPMG 362 - Professional Selling Practicum**

## **SPMG 362 - Professional Selling Practicum**

#### **3 Credit Hours**

This is an interdisciplinary course for marketing, sport marketing, and sport management majors. The course examines methods of professional selling while incorporating activities and the actual application of selling for real world organizations. Students will engage in sales efforts including consumer segmenting, prospecting, script writing, active selling, and handling barrier constraints. The class requires teamwork, creativity, and initiative to maximize this learning experience. Approval of instructor is required for registration in this course.

**Prerequisites:** SPMG310

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

**SPMG 366 - Marketing Comm Practicum**

# **SPMG 366 - Marketing Comm Practicum**

**3 Credit Hours**

This is an interdisciplinary course for communication, marketing, sport management and sport marketing majors. Students apply knowledge and skills to create real marketing and communication campaigns for sport organizations. The course examines the strategic and tactical use of brand engagement programs in integrated marketing communications. Students are divided into teams and work with real-world clients to develop marketing and communication campaigns for existing sport brands. The class requires teamwork, creativity and problem-solving abilities. In addition to the course prerequisites, students must also have one upper-level COMM, MKTG, or SPMG course; a 3.0 GPA; and the approval of instructor.

**Prerequisites:** COMM270 or MKTG300 or SPMG310

**Levels:** Graduate Undergraduate

**SPMG 370 - Basic Aquatics & Pool Mgmt**

# **SPMG 370 - Basic Aquatics & Pool Mgmt**

**2 Credit Hours**

Basic aquatic skills and pool management.

**Levels:** Graduate Undergraduate

**SPMG 377 - Sport Psychology**

# **SPMG 377 - Sport Psychology**

**3 Credit Hours**

Sport situations and of the science of psychology. The mental side of sports.

**Levels:** Graduate Undergraduate

**SPMG 380 - Diversity & Inclusion in Sport**

# **SPMG 380 - Diversity & Inclusion in Sport**

**3 Credit Hours**

The course is designed to examine differences among people and how these difference are important to sport organizations. Topics related to race, gender, age, ethnicity, sexual orientation, ability, and social class will be explored. Discussions will focus on strategies for managing diversity, creating inclusive culture, determining best practices, and incorporating diversity training within the sport industry.

**Levels:** Undergraduate

## **SPMG 385 - Intercollegiate Athletics**

# **SPMG 385 - Intercollegiate Athletics**

### **3 Credit Hours**

The course is designed to examine different Intercollegiate Athletic structures within the sport industry. Topics related to governance, finance, operations, development, marketing, and academics will be explored. Discussion will focus on the strategies for managing these different programs with an emphasis on current issues affecting this industry segment.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

## **SPMG 390 - Contemp Coaching:Issues & Trds**

# **SPMG 390 - Contemp Coaching:Issues & Trds**

### **3 Credit Hours**

As sport continues to take a more prominent role in our society, community base sport will assume a stronger role in sport education. It is therefore incumbent on institutions who prepare individuals to be productive and contributing members of society, to educate them about sport development through a sound coaching education program. Coaching education from this perspective is viewed as a social responsibility of an institution of higher learning.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

## **SPMG 410 - Sport Ethics**

# **SPMG 410 - Sport Ethics**

### **3 Credit Hours**

This course is designed to provide an examination and discussion of ethical, managerial and moral issues related to individuals who work and participate in the area of sport and physical activity.

**Course Attributes:** Diversity Flag, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

## **SPMG 448 - Legal Issues in Sport**

# **SPMG 448 - Legal Issues in Sport**

### **3 Credit Hours**

Basic legal principles affecting the management of physical activity and sports programs. Liability, negligence and risk assessment.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

## **SPMG 495 - Internship in Sport Mgmt**

# **SPMG 495 - Internship in Sport Mgmt**

### **3 - 9 Credit Hours**

Field experience within an area of interest. A total of 600 clock hours are required, which may be divided into three blocks of 200 hours. Culminating experience which may begin during the summer of a student's senior year. Internship site selection is a cooperative effort between the student and the advisor. Comprehensive portfolio is required.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Science and Management*

### **SPMG 521 - Intro to Sport Administration**

## **SPMG 521 - Intro to Sport Administration**

### **3 Credit Hours**

Past, current and future trends in the field of sport management. Administrative theory, function, and application within the field of sport management.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **SPMG 522 - Sport Research & Statistics**

## **SPMG 522 - Sport Research & Statistics**

### **3 Credit Hours**

This course is designed to introduce students to research methods and basic statistics associated with the field of sport and physical activity.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **SPMG 523 - Sports Administration Seminar**

## **SPMG 523 - Sports Administration Seminar**

### **3 Credit Hours**

Current issues. Topics by guest practitioners. The diversity of the sport industry. Careers, position demands, and trends.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **SPMG 570 - Psycho-Social Aspects of Sport**

## **SPMG 570 - Psycho-Social Aspects of Sport**

### **3 Credit Hours**

An introduction of the sociological and psychological aspects of sport in society and how it relates to individuals, groups, and organizations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **SPMG 595 - Sports Administration: Mktg**

## **SPMG 595 - Sports Administration: Mktg**

#### **3 Credit Hours**

The evolution of the field, its place in our economy, a marketing plan, current trends, case histories. Proposals offered by promoters. Career in sport marketing.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **SPMG 596 - Sports Administration: Finance**

## **SPMG 596 - Sports Administration: Finance**

#### **3 Credit Hours**

Sport and athletic/not-for-profit budgets-program based, project based, and line-item based. Formulating budgets. Budgeting cycles, political ramifications imposed and utilized in the federal cycle, fiscal year, and reserves. Financial markets, cash management, and municipal underwriting of recreation and parks facilities. Scale sheets, bond issues, BAN, VKX, sinking fund, etc. Grant-writing. Sources of funding, and endowment foundations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **SPMG 598 - Legal & Ethical ISS Sport & PE**

## **SPMG 598 - Legal & Ethical ISS Sport & PE**

#### **3 Credit Hours**

Legal and ethical issues with regard to youth, school, college, amateur and professional sports.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

### **SPMG 610 - Sport Ethics**

## **SPMG 610 - Sport Ethics**

#### **3 Credit Hours**

An online course designed to provide an examination of ethics, morality, and philosophy as it relates to modern sport. Discussions will revolve around the myths and paradoxes of sport, identifying and resolving ethical dilemmas and what it means to be a morally responsible sportsperson. Specific focus will address the application of the Integrated Coaching and Sport Education Model (I-CASE) developed by Quinn (2007) to school and community based sport.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## **SPMG 620 - Sport Leadership**

# **SPMG 620 - Sport Leadership**

### **3 Credit Hours**

This course provides an examination of leadership in sport as well as taking a critical examination of the role of competition.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## **SPMG 622 - Personnel Issues in Sport Mgmt**

# **SPMG 622 - Personnel Issues in Sport Mgmt**

### **3 Credit Hours**

Personnel functions. Job analysis, job description, recruitment, employee selection and retention, EEOC and affirmative action, staff morale and development, leadership and organizational culture, job performance/evaluation and mentoring.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## **SPMG 625 - High School Athletic Admin**

# **SPMG 625 - High School Athletic Admin**

### **3 Credit Hours**

Current issues facing today's high school athletic director such as: student-athletes, faculty, staff development, administration, budget, and community relations in the operation and management of a high school athletic department.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## **SPMG 632 - Sport Event Mgmt & Promotion**

# **SPMG 632 - Sport Event Mgmt & Promotion**

### **3 Credit Hours**

Operating special events with an emphasis on sports events. Administrative procedures, operational techniques, hospitality, public relations and marketing, and technical services. Practical application on scheduled events.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**SPMG 642 - Sport Fundraising**

# **SPMG 642 - Sport Fundraising**

**3 Credit Hours**

The course is designed to expose students to fundraising and philanthropy as they relate to sport. The focus is on fundraising principles, programs and activities as well as providing an understanding of contemporary issues as they relate to sport fundraising management.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**SPMG 652 - NCAA:Rules Regulations Policy**

# **SPMG 652 - NCAA:Rules Regulations Policy**

**3 Credit Hours**

The development of collegiate sport and the NCAA from 1906-present. Critical issues facing collegiate sport today. The NCAA constitution, by-laws, and administrative structure. Comprehensive knowledge of the operating by-laws and operational differences between Division I, II, III.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**SPMG 654 - Women in Sport**

# **SPMG 654 - Women in Sport**

**3 Credit Hours**

Cultural, social-psychological, and physiological issues related to gender that influence the nature and extent of involvement.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

**SPMG 662 - PR & Communication in Sport**

# **SPMG 662 - PR & Communication in Sport**

**3 Credit Hours**

The relationship between public relations practitioners and the media. The art of writing a press release. Coordination of a press conference. Advertising/marketing campaigns. Organization of special events. Management of a public relations crisis. Career opportunities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate



## **SPMG 664 - Facility Design & Planning**

# **SPMG 664 - Facility Design & Planning**

### **3 Credit Hours**

Planning and managing athletic, physical education, recreation, and other sport facilities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## **SPMG 666 - Fitness Management**

# **SPMG 666 - Fitness Management**

### **3 Credit Hours**

Planning, organizing, and effectively managing the administration of health related fitness programs. Leadership characteristics, organizational strategies, proven business techniques. Diverse and multiple perspectives of contemporary administrative management for fitness.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## **SPMG 668 - Admin of Fitness & Wellness Pr**

# **SPMG 668 - Admin of Fitness & Wellness Pr**

### **3 Credit Hours**

Development and administration of current fitness and wellness principles.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## **SPMG 670 - Independent Study**

# **SPMG 670 - Independent Study**

### **1 - 3 Credit Hours**

Investigate an area of student interest within the sport industry. Advisor's approval.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## **SPMG 692 - Sport Admin Research Project**

# SPMG 692 - Sport Admin Research Project

## 3 Credit Hours

Research project. Guidance from a faculty member.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## SPMG 695 - Internship in Sport Admin

# SPMG 695 - Internship in Sport Admin

## 3 - 6 Credit Hours

The internship may be taken after successfully completing 15 semester hours. Will select either a three credit (200 clock hours) or six credit (400 clock hours) internship experience. Internships are planned and supervised learning activities. Take place in a sport industry.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Science and Management*

## STAT 146 - Introductory Biostatistics

# STAT 146 - Introductory Biostatistics

## 3 Credit Hours

A first course in statistics, with an emphasis on applications and methods of particular relevance to the biological sciences. Topics include: random sampling procedures, experiments and observational studies, exploratory data analysis, correlation, bootstrapping and resampling methods, the normal distribution, confidence intervals hypothesis tests for proportions and means, chi-square tests, ANOVA. Problems and examples are drawn from fields such as bioinformatics, genetics, ecology, epidemiology, and public health.

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## STAT 210 - Statistics For Business I

# STAT 210 - Statistics For Business I

## 3 Credit Hours

Statistics for Business I is designed to make students familiar with: descriptive statistics, basic probability, normal distribution, confidence intervals, regression, correlation, hypothesis tests, and analysis of categorical data within the context of business data; including the use of technology appropriate to business applications of these statistical concepts. A student may not earn credit for more than one of these courses: MATH 116, MATH 156, STAT 210.

**Restrictions:** Must be enrolled in one of the following Majors: Accounting Business Analytics Business Undecided Economics Econ, Sustainability & Society Economics Entrepreneurial Studies Finance Human Resources International Business Information Systems Life Sciences For Business Management Marketing Pre-MBA Studies Strategic Human Resource Mgmt Sustainability: Econ & Mgmt

**Course Attributes:** Quantitative Reason Flag Full

**Levels:** Undergraduate

## **STAT 211 - Statistics For Business II**

# **STAT 211 - Statistics For Business II**

### **3 Credit Hours**

Descriptive statistics, sampling and statistical inference within the context of business applications. Simple and multiple regressions, including residual analysis and multicollinearity problems. Additional topics may include analysis of variance and time-series forecasting models.

**Prerequisites:** Undergraduate level STAT210 Minimum grade of D or Undergraduate level MATH156 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Business Analytics & Info Syst*

## **STAT 516 - Introduction to Statistics**

# **STAT 516 - Introduction to Statistics**

### **3 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Mathematics*

## **STAT 750 - Statistics For Managers**

# **STAT 750 - Statistics For Managers**

### **1 Credit Hours**

Regression based predictive models are presented using Microsoft Excel software with significant emphasis placed on the impact of central tendencies and variation.

**Restrictions:** Must be enrolled in one of the following Programs: Executive MBA Program Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Management Information Systems*

## **SUST 301 - Cult. Studies & Sustainability**

# **SUST 301 - Cult. Studies & Sustainability**

### **3 Credit Hours**

Drawing on sociology, literary criticism, history, and postcolonialism studies, students will examine the relation between sustainability and theories of culture as a site of resistance and negotiation where different groups compete for recognition, representation, and power. Students will consider sustainability as a cultural construction, and compare different cultural processes and practices surrounding the notion of sustainability.

**Course Attributes:** Diversity Flag, Environ Science/Studies Elect, Gender & Diversity Studies, Oral Communication Flag, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## **SUST 308 - GIS, Urban Geography & History**

# SUST 308 - GIS, Urban Geography & History

## 3 Credit Hours

GIS tools and the skills to use them are a critical part of what is expected of professionals in the various fields related to urban sustainability. This requires an understanding of when and why to display information geographically. Introducing students to geographic mapping skills, this course is designed to develop an understanding of the geography of place at many levels (site, community, city, region, watershed, national, and global). Students will learn how maps are constructed, what information is best presented in geographic form, and how to analyze information in geographic format. As students work through this course they will also gain a better understanding of the geographic relationships between uses and places and how geography and distance shape urban development, urban systems, and their sustainability. The past, present, and future of the city of Cincinnati will provide the foundation for practical applications of GIS.

**Course Attributes:** Environ Science/Studies Elect

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 370 - Agroecology

# SUST 370 - Agroecology

## 2 Credit Hours

This course will examine the various ways that biological, chemical, and human systems influence agriculture. Agroecology is a whole-systems approach to agriculture and food systems development based on traditional knowledge, alternative agriculture, and local food system experiences. Will examine the interconnectedness of farm systems with the rest of the natural world including the chemistry and biology (entomology and ecology).

**Course Attributes:** ERS Focus Elective, Peace & Justice Studies Minor, Scientific Perspectives Lect

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 371 - Agroecology Lab

# SUST 371 - Agroecology Lab

## 2 Credit Hours

This lab will examine the various ways that biological, chemical, and human systems influence agriculture. Agroecology is a whole-systems approach to agriculture and food systems development based on traditional knowledge, alternative agriculture, and local food system experiences. Will examine the interconnectedness of farm systems with the rest of the natural world including the chemistry and biology (entomology and ecology).

**Course Attributes:** ERS Focus Elective, Scientific Perspectives Lab

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 388 - LAND Capstone

# SUST 388 - LAND Capstone

## 3 Credit Hours

0

**Prerequisites:** SUST391 and SUST393

**Co-requisites:** SUST399

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 391 - LAND Practicum

# SUST 391 - LAND Practicum

### 1 Credit Hours

This is a fieldwork placement to accompany the LAND curriculum in years one, two and three. The type of work involved will vary depending on the student's interests and previous practicum experience. It will be oriented toward agricultural or an affiliated kind of work. All work will be accomplished under the supervision of an employee of the organization.

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 393 - LAND Practicum

# SUST 393 - LAND Practicum

### 3 Credit Hours

This is a fieldwork placement of 90 hours to accompany the LAND curriculum in year three. The type of work involved will vary depending on the student's interests and previous practicum experience. It will be oriented toward agricultural or an affiliated kind of work. The time commitment is 90 hours/semester, typically 9 hours over 10 weeks.

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 399 - LAND Practicum

# SUST 399 - LAND Practicum

### 9 Credit Hours

This is a fieldwork placement for the fourth year of the LAND curriculum. The type of work involved will vary depending on the student's interests and previous practicum experience. It will be oriented toward agricultural or an affiliated kind of work. All work will be accomplished under the supervision of an employee of the organization.

**Prerequisites:** SUST391 and SUST393

**Co-requisites:** SUST388

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 401 - Sustainable Development

# SUST 401 - Sustainable Development

### 3 Credit Hours

Drawing on fields such as development studies, anthropology, geography, corporate social responsibility, and management studies, this course will aim to provide students with an understanding of the histories of negotiations, complex governance structures, and politics surrounding global pursuits for sustainable futures.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 460 - Strategy & Goal Setting: SUST

# SUST 460 - Strategy & Goal Setting: SUST

### **1 Credit Hours**

The first step that any business must take in creating a sustainability program is to develop a vision, set a strategy and establish quantifiable goals. In this course students will gain an understanding of the primary drivers of environmental and social sustainability today, including climate change, solid waste management, water scarcity, supply chain responsibility, etc. They will learn how these drivers can impact business growth/equity and how a company can develop a sustainability program (i.e. vision, strategy and quantifiable goals) to mitigate those impacts and create business opportunities.

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

### **SUST 461 - Sust.Product Innovation**

## **SUST 461 - Sust.Product Innovation**

### **1 Credit Hours**

Once a business has established a sustainability program, developing "green" products through sustainable product innovation can be an important next step. In this course, students will learn the principles of sustainable product innovation by using life cycle assessment to compare the environmental sustainability of selected products and determining why one product is/is not better from an environmental standpoint than another. Students will also learn how to develop environmental advertising claims for "green" products. To enable students to compare and defend the environmental sustainability of products, lectures will be given on recent "green" innovations from various industries, principles of life cycle assessment, regulations governing sustainability claims, consumer attitudes toward sustainability, etc.

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

### **SUST 462 - Challenges Executing Sust Prog**

## **SUST 462 - Challenges Executing Sust Prog**

### **1 Credit Hours**

As a company executes its sustainability program and markets its "green" products, it can confront a host of external issues such as the sustainable sourcing of renewable materials, environmental impacts of growth, issues around product safety, concerns of NGOs/activists, dealing with competing priorities, etc. In this course, students will gain an understanding of such issues and how to prevent them or address them once they arise. The issues discussed will be those typically confronted by businesses and topical issues that arise during the time the course is offered.

**Restrictions:** Must be enrolled in one of the following Levels: Undergraduate

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

### **SUST 465 - Topics in Sustainability I**

## **SUST 465 - Topics in Sustainability I**

### **1 - 3 Credit Hours**

This 1 to 3 credit hour course covers selected problems in Sustainability. Examples of topics include: green building standards, designing sustainable communities, issues in sustainability organizational leadership, local climate change leadership, sustainability metrics and reporting, and climate change policy and politics. May be taken for credit more than once.

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

### **SUST 466 - Topics in Sustainability II**

## **SUST 466 - Topics in Sustainability II**

**1 Credit Hours**

This 1 credit hour course covers selected problems in Sustainability. Examples of topics include: green building standards, designing sustainable communities, issues in sustainability organizational leadership, local climate change leadership, sustainability metrics and reporting, and climate change policy and politics. May be taken for credit more than once.

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**SUST 467 - Topics in Sustainability III**

# SUST 467 - Topics in Sustainability III

**1 Credit Hours**

This course examines selected problems in Sustainability, and incorporates hands-on activities as well as academic readings, discussions, and presentations on the specific topic addressed. Examples of topics offered include: green building standards, designing sustainable communities, issues in sustainability organizational leadership, local climate change leadership, and sustainability metrics and reporting. May be taken for credit more than once, when topic is different, subject to approval by the Director of the academic sustainability program.

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**SUST 495 - Capstone Exp: Sustainability**

# SUST 495 - Capstone Exp: Sustainability

**1 - 3 Credit Hours**

This course is designed to help students prepare their capstone paper and presentation in sustainability, fulfilling a (3 credit hour) requirement of both the BA in Economics, Sustainability & Society (ECOS) and the BSBA in Sustainability: Economics & Management (SUST) majors. The capstone paper/presentation will be based on a topic for which the student has had direct experience. Through classroom and one-on-one faculty discussions, guidance will be provided that enables the student to complete a scholarly research paper to include a concise thesis statement, data collection and analysis, and exposition. Students will present their work to colleagues and relevant business/government/community contacts. The capstone course will provide students an opportunity to have in-depth discussions in their area of interest and develop oral and written communication skills.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Course Attributes:** Writing Flag Core

**Levels:** Undergraduate

*College of Arts & Sciences Interdisciplinary Studies*

**SUST 554 - Advanced Policy Analysis**

# SUST 554 - Advanced Policy Analysis

**3 Credit Hours**

This graduate course explores the relationships among public policy development and implementation, urban sustainability, and private for-profit and not-for-profit interests. We will explore different elements of urban sustainability and how private and public interest collide and/or collude in advancing and/or impeding policies that drive sustainable practices. We will pay particular attention to government administrative entities and how policies are realized through those bureaucracies. We will then explore case studies where public investment spurred private investment successfully. And finally we will explore current public policies and private interests in the greater Cincinnati region.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Interdisciplinary Studies*

**SUST 660 - Strategy & Goal Setting: SUST**

# SUST 660 - Strategy & Goal Setting: SUST

## 1 Credit Hours

The first step that any business must take in creating a sustainability program is to develop a vision, set a strategy and establish quantifiable goals. In this course students will gain an understanding of the primary drivers of environmental and social sustainability today, including climate change, solid waste management, water scarcity, supply chain responsibility, etc. They will learn how these drivers can impact business growth/equity and how a company can develop a sustainability program (i.e. vision, strategy and quantifiable goals) to mitigate those impacts and create business opportunities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 661 - Sust.Product Innovation

# SUST 661 - Sust.Product Innovation

## 1 Credit Hours

Once a business has established a sustainability program, developing "green" products through sustainable product innovation can be an important next step. In this course, students will learn the principles of sustainable product innovation by using life cycle assessment to compare the environmental sustainability of selected products and determining why one product is/is not better from an environmental standpoint than another. Students will also learn how to develop environmental advertising claims for "green" products. To enable students to compare and defend the environmental sustainability of products, lectures will be given on recent "green" innovations from various industries, principles of life cycle assessment, regulations governing sustainability claims, consumer attitudes toward sustainability, etc.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 662 - Challenges Executing Sust Prog

# SUST 662 - Challenges Executing Sust Prog

## 1 Credit Hours

As a company executes its sustainability program and markets its "green" products, it can confront a host of external issues such as the sustainable sourcing of renewable materials, environmental impacts of growth, issues around product safety, concerns of NGOs/activists, dealing with competing priorities, etc. In this course, students will gain an understanding of such issues and how to prevent them or address them once they arise. The issues discussed will be those typically confronted by businesses and topical issues that arise during the time the course is offered.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Interdisciplinary Studies*

## SUST 665 - Topics in Sustainability I

# SUST 665 - Topics in Sustainability I

## 1 - 3 Credit Hours

This 1 to 3 credit hour course covers selected problems in Sustainability. Examples of topics include: green building standards, designing sustainable communities, issues in sustainability organizational leadership, local climate change leadership, sustainability metrics and reporting, and climate change policy and politics. May be taken for credit more than once.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Interdisciplinary Studies*



# SUST 667 - Topics in Sustainability III

## 1 Credit Hours

This 1 credit hour course covers selected problems in Sustainability. Examples of topics include: green building standards, designing sustainable communities, issues in sustainability organizational leadership, local climate change leadership, sustainability metrics and reporting, and climate change policy and politics. May be taken for credit more than once.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Interdisciplinary Studies*

## THEO 111 - Theological Foundations

# THEO 111 - Theological Foundations

## 3 Credit Hours

A basic study of human and religious faith, especially the Christian faith, the connection between faith and religion, the personal and social value of religion, the diversity of world religions, and the issues connected with religious diversity and global responsibility; a basic understanding of Theology and how it relates to faith, along with different ways of reading scripture and tradition and how those readings affect issues of gender, class, race, violence, evil, and sin. Required course for E/RS.

**Levels:** Undergraduate

*College of Arts & Sciences Theology*

## THEO 203 - The Eastern Orthodox Church

# THEO 203 - The Eastern Orthodox Church

## 3 Credit Hours

This course is designed as a detailed survey meant to familiarize the students with the history of the Orthodox Church over the course of its existence from the day of Pentecost to the present. The first half of the course (culminating in a Mid-term Exam) will deal primarily with the history of the Orthodox Church. The second half of the course (culminating in a Final Exam) will concentrate on the theology of the Orthodox Church comprehensively understood - doctrine, spiritual life, liturgy, iconography, moral/ethical issues, etc.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology - Comm & Christ Pract, Theology Perspectives, Theology - Historical Theology

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 205 - Christian Mysticism

# THEO 205 - Christian Mysticism

## 3 Credit Hours

This course enables the students to explore the mystical traditions and their implications for theology and spirituality.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Spirituality&Solidarity Minor, Theology Perspectives, Theology - Historical Theology

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 206 - Christian Worship**

# **THEO 206 - Christian Worship**

### **3 Credit Hours**

Ritualization of the Christian experience in Word and Eucharist. Ritualization of Christian initiation, reconversion, marriage, ministry, illness, death, and burial. The arts in ritual.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 207 - Jesus and Power**

# **THEO 207 - Jesus and Power**

### **3 Credit Hours**

This course examines Jesus in light of the power dynamics within first century biblical and modern social worlds.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives, Theology - Scripture

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 209 - Exploring the Christian Past I**

# **THEO 209 - Exploring the Christian Past I**

### **3 Credit Hours**

Examines major theological themes of the Christian Tradition from its beginnings until the 15th Century. Blends theological analysis with intellectual and social history.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives, Theology - Historical Theology

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 210 - Exploring Christian Past II**

# **THEO 210 - Exploring Christian Past II**

### **3 Credit Hours**

A study of select theological themes, events, spiritual movements and thinkers from early modernity, beginning in the early 16th century to the 20th century. This upper-level course blends theological analysis, postcolonial and diversity analysis as well as intellectual, social, and cultural history.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Catholicism & Culture Minor, Theology Perspectives, Theology - Historical Theology

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 211 - The Dead Sea Scrolls**

# **THEO 211 - The Dead Sea Scrolls**

**3 Credit Hours**

An introduction to the Dead Sea Scrolls, their history, and their impact on biblical criticism.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Jewish Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 217 - Intro to the Church Fathers**

# **THEO 217 - Intro to the Church Fathers**

**3 Credit Hours**

The Fathers of the first five centuries. The Church's defense against pagans and heretics. Confrontation with the Empire. Development of doctrine.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Catholicism & Culture Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 223 - Sacraments Today**

# **THEO 223 - Sacraments Today**

**3 Credit Hours**

Meaning of sacraments in general and Catholic sacraments in particular. Historical and theological development of the seven ecclesiastical sacraments and their place in contemporary liturgical, pastoral, and spiritual renewal.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Spirituality&Solidarity Minor, Theology - Comm & Christ Pract, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 227 - Francis Xavier & Mission Today**

# **THEO 227 - Francis Xavier & Mission Today**

**3 Credit Hours**

This course introduces students to the history, development, and impact of Christian missionary work from the time of Jesus to post Vatican II models. The course places major emphasis on the life and message of St. Francis Xavier, close friend of St. Ignatius Loyola, who was transformed through his ministry in India and East Asia. Also included are critical analysis and reflections by scholars who demonstrate how Eurocentrism, colonialism and paternalism often infected mission history

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 230 - Church After Vatican II**

# **THEO 230 - Church After Vatican II**

### **3 Credit Hours**

This course studies the event of the Second Vatican Council (1962-1965), its documents, and its reception. It is an overview of the developments in church life and practice after the council, and it examines the extent to which those changes influence and determine the lives of Catholics today.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 231 - Religious Thought of MLK**

# **THEO 231 - Religious Thought of MLK**

### **3 Credit Hours**

This course will use the life and work of Martin Luther King Jr. as a vehicle for examining issues of faith and justice in American life. Dr. King's role as a religious leader and agent of social change will be examined with specific attention given to the major themes of Justice, Love, Nonviolence and Civil Disobedience that characterized his public life.

**Course Attributes:** GDST Race and Ethnicity Conc, Gender & Diversity Studies, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 238 - US Catholicism: Past & Present**

# **THEO 238 - US Catholicism: Past & Present**

### **3 Credit Hours**

Explores the role of the Catholic Family, the response of Catholics to slavery and racism, the development of Catholic schools, the encounter of Catholicism with the larger culture, the tradition of Catholic social justice, and the growth of the local Ohio church.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Catholicism & Culture Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 241 - Biblical Greek**

# THEO 241 - Biblical Greek

## **3 Credit Hours**

Study of the language and theology of the Greek New Testament.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 257 - Franciscan Spirituality**

# THEO 257 - Franciscan Spirituality

## **3 Credit Hours**

This course provides an understanding of the life and message of Francis and Claire and their spiritual legacy for today. Taught on the site of Assisi, Italy, students gain an appreciation of the theological, spiritual and ethical challenges brought about by medieval urbanization and the increasing institutionalization of the church. The Franciscan response of voluntary poverty, solidarity with the suffering Christ, and apostolic preaching by word and example comes alive in the context in which Francis and Claire faced such challenges. Students will also explore the implications of Franciscan insights and values to today's world.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 261 - Writings of St. Paul**

# THEO 261 - Writings of St. Paul

## **3 Credit Hours**

A close reading of the Pauline letters within their social and historical situation; the contribution of Paul towards the formation of revolutionary consciousness.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives, Theology - Scripture

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 264 - Synoptic Gospels**

# THEO 264 - Synoptic Gospels

## **3 Credit Hours**

Comparison of the basic theology of Mark, Matthew, and Luke with an analysis of the milieu out of which the gospel message arose and was transmitted.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives, Theology - Scripture

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 265 - Gospel of Mark**

# **THEO 265 - Gospel of Mark**

### **3 Credit Hours**

Analysis of the Gospel of Mark in light of its historical, literary, and theological context.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives, Theology - Scripture

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 266 - Gospel of Matthew**

# **THEO 266 - Gospel of Matthew**

### **3 Credit Hours**

Study of this Jewish-Christian Gospel as an alternative to Rabbinic Judaism. Emphasis on the pursuit of wisdom and justice.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 269 - Consumption as Problem**

# **THEO 269 - Consumption as Problem**

### **3 Credit Hours**

This course engages students in a historically informed, theo-ethical construction of the problem of consumption with respect to how we understand and maintain relationships with the self, other, and creation.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 273 - Intro to Biblical Hebrew**

# **THEO 273 - Intro to Biblical Hebrew**

### **3 Credit Hours**

The goal of the course is to provide the student with a working knowledge of biblical Hebrew. At the end of the semester, the student will have acquired the skills needed to read independently passages directly from the Hebrew Bible, with the aid of a good grammar and lexicon. The initial teaching method is deductive; focusing on rules of grammar and syntax, forms of expression, vocabulary, and meaning. After that, the student will work from selections out of the book of Genesis, preparing annotated translations.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Jewish Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 280 - Readings in Biblical Hebrew**

# **THEO 280 - Readings in Biblical Hebrew**

### **3 Credit Hours**

This course will incorporate an inductive approach to Biblical Hebrew at the undergraduate level. Students will read together in class actual texts from the Hebrew Bible; from Ruth, Jonah, and Deuteronomy (among others). Grammatical forms will be discussed and analyzed as they arise in the reading. Participants will gain knowledge in Hebrew vocabulary and idioms. Students will do this reading and analysis with the aid of a good grammar and lexicon.

**Prerequisites:** Undergraduate level THEO273 Minimum grade of D and (Undergraduate level THEO111 Minimum grade of D or CORE105)

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 282 - Sem: Jesus Seminar**

# **THEO 282 - Sem: Jesus Seminar**

### **3 Credit Hours**

An investigation into the historical authenticity of the Jesus traditions through intensive group work and debate.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives, Theology - Scripture

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 285 - The Historical Jesus**

# **THEO 285 - The Historical Jesus**

### **3 Credit Hours**

A critical investigation to determine the authentic voice and profile of Jesus from sources of the first three centuries and a consideration of the consequences of such a search.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 288 - Medieval Female Mystics**

# **THEO 288 - Medieval Female Mystics**

**3 Credit Hours**

Mystics experience a spiritual life which is unbounded by traditional worship practices and religious norms. Certain Christian women in the Middle Ages were renowned for their unusual insight or prophesy, miraculous spiritual gifts, holiness, and extreme practices. Following a discussion of mysticism in general, this course will examine the lives, writings, and influence of women mystics who were regarded as saints and a few who were feared as heretics.

**Course Attributes:** Theology Perspectives, Theology - Spirituality

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

**THEO 289 - Death of Jesus**

# THEO 289 - Death of Jesus

**3 Credit Hours**

The greatest detective story ever told? This course deals critically with the who, what, when, why and how of the death of Jesus of Nazareth.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

**THEO 290 - Christian Doctrine Today**

# THEO 290 - Christian Doctrine Today

**3 Credit Hours**

A study of selected topics in contemporary systematic/constructive theology.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

**THEO 293 - Theology and Animals**

# THEO 293 - Theology and Animals

**3 Credit Hours**

Using violence as a focus this course will analyze the ethical and religious implications of the way animals are treated in contemporary society. Also, it will examine how this treatment redounds upon human beings in spiritual, psychological, and physical ways. The Judeo-Christian scriptures and tradition will form the context for this exploration.

**Course Attributes:** Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

**THEO 295 - Map to Theological Diversity**



# THEO 295 - Map to Theological Diversity

## 3 Credit Hours

Examination of the public role and significance of theology in society and church, with special attention to different methodologies. Aims to help the student synthetically articulate and critically defend their own vision of a theology and spirituality responsive to the signs of the times of the new century.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Spirituality&Solidarity Minor, Theology Perspectives, Theology - Persp on God & Hum, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 301 - Church After Vatican II

# THEO 301 - Church After Vatican II

## 3 Credit Hours

This course studies the event of the Second Vatican Council (1962-1965), its documents, and its reception. It is an overview of the developments in church life and practice after the council, and it examines the extent to which those changes influence and determine the lives of Catholics today.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Theology - Comm & Christ Pract, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 303 - Christian Ethics: Methods & Q

# THEO 303 - Christian Ethics: Methods & Q

## 3 Credit Hours

Introduction to the methods and central questions of Christian ethics. (Limited to majors, minors, and other interested and qualified students.)

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 305 - Sociology of Religion

# THEO 305 - Sociology of Religion

## 3 Credit Hours

Examination of the major components of religion, the interdependence between religion and other societal institutions, and religion's role in social conflict and change.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

## **THEO 306 - Liberation Issues & Theology**

# **THEO 306 - Liberation Issues & Theology**

### **3 Credit Hours**

Origins and developments of the theology of the liberation movements of women, Latin Americans, blacks, and other marginalized groups.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Latin American Studies Minor, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

## **THEO 307 - Women of Catholicism**

# **THEO 307 - Women of Catholicism**

### **3 Credit Hours**

The course studies the writings of women such as Julian of Norwich, Hildegard of Bingen, Dorothy Day, Flannery O'Connor, Annie Dillard, Helen Prejean, and Denise Levertov as an entree into discussion of Catholic theology, ethics and spirituality.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

## **THEO 309 - West African Religions**

# **THEO 309 - West African Religions**

### **3 Credit Hours**

This course investigates various manifestations of religion present in West Africa from traditional religions to Islam, Christianity in various forms, and these religions' relation to social justice, the role of women, and politics. Offered for the service learning semester in Ghana.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

## **THEO 310 - Marriage and the Family**

# **THEO 310 - Marriage and the Family**

### **3 Credit Hours**

A closer look at human personhood and intimate relationships through the lens of traditional and contemporary teachings in an interdisciplinary approach that integrates theology, philosophy, social sciences, and human experience.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Gender & Diversity Studies, Humanities Elective, Theology - Contemp Ethical Cha, Theology Perspectives, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 311 - Faith and Justice**

# **THEO 311 - Faith and Justice**

### **3 Credit Hours**

Relationship between Christian faith and social justice viewed in Christian tradition and recent thought and documents of the Church.

**Prerequisites:** ( THEO111 and PHIL100) or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 312 - Christian Health Care Ethics**

# **THEO 312 - Christian Health Care Ethics**

### **3 Credit Hours**

Reflection on moral methodology and attention to health care policy, human ways of dying and other questions.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 313 - Christian Sexual Ethics**

# **THEO 313 - Christian Sexual Ethics**

### **3 Credit Hours**

Ethical criteria Christians use in judging human sexuality from its origins throughout its development. Sex role socialization and common options in sexual behavior. Fulfills the E/RS Focus elective.

**Prerequisites:** (Undergraduate level THEO111 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D) or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 314 - Music, Art & Theology**

# THEO 314 - Music, Art & Theology

## 3 Credit Hours

This course explores the power of music and art as vehicles of communion with the sacred, and forces for spiritual and social transformation in history. Students will approach the topic through many lenses: through case studies in rock, classical, and protest music; urban mural art and sacred iconography; texts from scripture, science, and the field of theological aesthetics; and through the lens of our own spiritual journeys.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 315 - Contemporary Ethical Issues

# THEO 315 - Contemporary Ethical Issues

## 3 Credit Hours

Explores various contemporary ethical issues from a theological perspective. Recent topics include issues in the areas of ecological ethics and the ethics of emerging biotechnologies.

**Prerequisites:** (Undergraduate level THEO111 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D) or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 318 - Women and Early Christianity

# THEO 318 - Women and Early Christianity

## 3 Credit Hours

An investigation of women, sex and gender in early Christianity in light of the historical, social and religious context.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Diversity Flag, GDST Women and Gender Conc, Humanities Elective, Peace & Justice Studies Minor, Theology Perspectives, Theology - Scripture, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 319 - Anti-Semitism: The Great Hatred

# THEO 319 - Anti-Semitism: The Great Hatred

## 3 Credit Hours

Traces the history and suggested causes of anti-Semitism within various cultural, political, religious and economic settings. Examines the forces which either reinforced or counteracted anti-Semitic attitudes and behavior. Also looks at contemporary manifestations of this ancient hatred.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 322 - Black Theology**

# **THEO 322 - Black Theology**

#### **3 Credit Hours**

An interior view into the Black theological experience. Need to look at theology from a black perspective. Roots of the Black Church as its response to bigotry in white churches and society.

**Course Attributes:** Africana Studies Minor, ERS Focus Elective, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology - Comm & Christ Pract, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 323 - African Spirituality**

# **THEO 323 - African Spirituality**

#### **3 Credit Hours**

The aim of this course is to disclose and articulate the basic world views that mold African Traditional Spiritual unfolding and the consequent foundational and formative element in the ongoing disclosure and emergence of an African's humanity (spirituality).

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Africana Studies Minor, Gender & Diversity Studies, Humanities Elective, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 327 - Religion and Bioethics**

# **THEO 327 - Religion and Bioethics**

#### **3 Credit Hours**

Introduces students to contemporary philosophical and theological perspectives, methods, and theories in the area of Bioethics. Specific themes explored include human health and well-being, sickness, suffering, disease, and dying.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 328 - Intro to Christian Scriptures**

# **THEO 328 - Intro to Christian Scriptures**

#### **3 Credit Hours**

An introduction to the literature of the New Testament, its interpretation, and theological import. The student will acquire tools for the critical analysis of Scripture as well as

explore the Christian Bible's historical, sociological, and cultural contexts.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Theology Perspectives, Theology - Scripture

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 332 - Sacred Ground & New Story**

## **THEO 332 - Sacred Ground & New Story**

#### **3 Credit Hours**

To better understand the environment and the harm being done to it. To better integrate Christian beliefs with environmental concerns.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Environ Science/Studies Elect, ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 338 - Religious Ed & Youth Ministry**

## **THEO 338 - Religious Ed & Youth Ministry**

#### **3 Credit Hours**

An examination of the key dimensions of religious education and contemporary methods of teaching religious education.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 339 - SEM: Merton: Witness to Peace**

## **THEO 339 - SEM: Merton: Witness to Peace**

#### **3 Credit Hours**

This seminar engages the life and writings of Thomas Merton, prophetic witness for peace and interfaith understanding and one of the most beloved spiritual writers of the twentieth century.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 340 - Health, Religion & Ethics**

# THEO 340 - Health, Religion & Ethics

## 3 Credit Hours

The course explores the intersections of religion, spirituality, and healthcare through reflecting on diverse religious perspectives on how Ultimate Reality/God is connected to human suffering, injustices and our responsibility to care for creation and those who are suffering in the world. The course is rooted in the Jesuit vision (GC 34, Decree 12) for practicing theology in an ecumenical, interreligious, and global context and is committed to form students in this broadly open, dialogical and compassionate perspective. It will introduce students to the principles of Ignatian discernment and the formation of reflective self-knowledge. Building on this foundation, we will proceed to examine diverse understandings of the Sacred, the meaning of life, the challenges of evil, suffering, death, and life after death in a manner particularly relevant for those preparing to work in healthcare fields. The course will explore Christian, Jewish, Muslim, and Buddhist traditions to equip students with a deeper understanding of their own spirituality and the spiritualities of those they will care for as healthcare professionals. Students will be empowered to apply their interfaith competence in their professional activities to honor the dignity of all human persons regardless of their creed, race, gender, sexual orientation, class, and ability. The course will also facilitate the development of students' own practices of self-care that are shaped by spiritual literacy to promote resilience and work-life balance in their chosen professions.

**Course Attributes:** Diversity Flag, ERS Focus Elective, Humanities Elective, Theology Perspectives, Theology - Persp on God & Hum

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 342 - World Religions

# THEO 342 - World Religions

## 3 Credit Hours

This course is an introduction to five of the world's major religious traditions: Islam, Hinduism, Buddhism, Confucianism and Taoism. Using a combination of lectures, video documentaries and discussions, we will approach these religions through their socio-historical developments, major doctrinal and philosophical patterns, moral-ethical teachings, devotional practices, and their place in today's world. Students are highly encouraged to ask questions and engage freely in discussion.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 343 - Dialogue Among World Religions

# THEO 343 - Dialogue Among World Religions

## 3 Credit Hours

The foundations for a greater ecumenism among all religions; how Christians can come to a more positive attitude towards other religions.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology - Contemp Ethical Cha, Theology Perspectives, Theology - Interreligious Dial

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 345 - The Challenge of Peace

# THEO 345 - The Challenge of Peace

## 3 Credit Hours

In-depth exploration of issues related to peace, social justice, ecological sustainability, and spirituality in our world today. Required seminar for the Peace and Justice Studies minor. Some sections of the course include an immersive learning component.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Gender & Diversity Studies, Humanities Elective, Latin American Studies Minor, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 346 - Hellenism Judaism Christianity**

# **THEO 346 - Hellenism Judaism Christianity**

### **3 Credit Hours**

The objective of the first part of this course will be to examine the major 'moments' in the intellectual encounter between Hellenism and Judaism in the period from Alexander through the end of the first century CE. In the second part of the course, we shall turn to Greco-Roman responses to Christianity, and the attempt by Christians to seek an identity for themselves as the 'third race', coming to claim for themselves the dual heritage of Hellenism and Judaism. The course is particularly suited to majors in Classics and Ancient History and majors in Theology and Philosophy whose interests lie in the Greco-Roman period."

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Jewish Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 350 - Saints:Origins to the Internet**

# **THEO 350 - Saints:Origins to the Internet**

### **3 Credit Hours**

Histories, legends, and stories of saints - they tell the tales of ages past and cultures present. Saints are created by and for those who admire their holy way of life, miracles, or witness for the faith. Saints and sanctity are also the fo~us of rich and varied sources that historians can draw from to understand the past. As such, studying holy men and women tell us much about the societies that venerated them, wrote about them, and included them in official lists of holy intercessors and role models.

**Prerequisites:** THEO111

**Course Attributes:** Diversity Flag, ERS Focus Elective, Spirituality&Solidarity Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 351 - Intro to Hebrew Scriptures**

# **THEO 351 - Intro to Hebrew Scriptures**

### **3 Credit Hours**

An introduction to the literature of the Hebrew Bible, its interpretation, and theological import. The student will acquire tools for the critical analysis of Scripture as well as explore the Hebrew Bible's historical, sociological, and cultural contexts.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Jewish Studies Minor, Theology Perspectives, Theology - Scripture

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*



## THEO 352 - Judaism: Customs, Prac & Belie

# THEO 352 - Judaism: Customs, Prac & Belie

### 3 Credit Hours

A basic understanding of Judaism and its component parts. Brief overview of Jewish history and study of holidays and life-cycle experiences.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Jewish Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives, Theology - Interreligious Dial

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 353 - The Holocaust

# THEO 353 - The Holocaust

### 3 Credit Hours

The Holocaust in Europe during the Hitler period. Analysis of the causes and background of the destruction of European Jewry.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Jewish Studies Minor, Peace & Justice Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 355 - Introduction To Islam

# THEO 355 - Introduction To Islam

### 3 Credit Hours

An historical and topical survey of the origins and development of Islam. Special emphasis on the emergence of Sunnism, Shiism, and Sufism as three distinct yet interrelated schools of thought and practice in Islam.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives, Theology - Interreligious Dial

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 357 - Islamic Philosophy & Theology

# THEO 357 - Islamic Philosophy & Theology

### 3 Credit Hours

An examination of the development and teachings of the Islamic philosophical tradition and schools of theological thought dealing with metaphysics and epistemology as well as major theological questions such as the relation between reason and revelation, free will and determination, salvation and religious pluralism.

**Prerequisites:** THEO111

**Course Attributes:** Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 358 - Immigration Theology & Ethics**

# **THEO 358 - Immigration Theology & Ethics**

#### **3 Credit Hours**

This course will reflect on the histories and the contemporary phenomena of migration. It will seek to understand migration theologically, biblically, historically, and ethically in the broader framework of divine hospitality toward strangers and those often seen as "others." It will explore theologically and morally grounded ways to respond to the local and global realities of migration with faith, charity, and justice.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Diversity Flag, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 359 - Confucianism and Taoism**

# **THEO 359 - Confucianism and Taoism**

#### **3 Credit Hours**

This course explores the two major indigenous religious traditions of China, which continue to shape the foundational worldview within the Chinese, Japanese, Korean, and Vietnamese cultures. The class will learn about these two religious traditions through their canonical texts, core concepts, devotional practices, ethical teachings, and historical developments.

**Course Attributes:** Asian Studies Minor, Humanities Elective, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 362 - Jesuit Theo & Spirituality**

# **THEO 362 - Jesuit Theo & Spirituality**

#### **3 Credit Hours**

An exploration of St. Ignatius's vision of "finding God in all things" through the lives and thought of twentieth century Jesuits who have had a profound impact on the global church of the twenty-first century. Special attention will be given to the vital relationship in Jesuit theology and spirituality between the mystical experience of God in all things and the commitment to justice, dialogue, and peace.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Catholicism & Culture Minor, ERS Focus Elective, Humanities Elective, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 363 - Interfaith Dialog & Action**

# **THEO 363 - Interfaith Dialog & Action**

### **3 Credit Hours**

An introduction to the study and practice of engaging and learning from "Other" religions for the benefit of one's own "home" religious faith and practice. Issues of central concern for this course include: inter-religious encounters/dialogue, religious diversity and pluralism, theologies of religious diversity, globalization, and religious violence and war. The course will focus on a specific theme, for example, asceticism or sexuality."

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Theology Perspectives, Theology - Interreligious Dial, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 364 - Religion in an Age of Science**

# **THEO 364 - Religion in an Age of Science**

### **3 Credit Hours**

Study of the recent findings of contemporary science concerning creation and human nature and the implications of these findings for Christian theology. Fulfills the E/RS Focus elective.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 366 - Early Christianity in Rome**

# **THEO 366 - Early Christianity in Rome**

### **3 Credit Hours**

Rome is a uniquely rich environment to study the art, architecture, literature and burial practices of the early Church in Rome. These elements then help us to appreciate the developing theology and community practices of these early Christians. This theology class begins with a discussion about the place of Rome in the imagination of the early Church, drawing on primary texts that relate the city to the experience of the early Church and its founders. Martyrdom in the early Church provides a focal point, and we consider the integral role of martyrdom in the construction of identity, authority and memory among the early Christians. The discussion of martyrdom becomes the basis for examining the catacombs in Rome. The art of the catacombs is one of our best visual witnesses for the developing identity and theology of the early Church. This art demonstrates the prominent place the Hebrew Bible and identity as "Israel" had in those constructions, even as new forms and images specific to Christianity witness theological development. Moreover, the catacombs also became important early on in the church's history as sites of memory and power associated with martyrs. Students explore the acts of imagination that go into the construction of memory and sacred space associated with these martyrs. In addition, since the catacombs also provide some of our best visuals of women in the early Church as they engaged in worship and communal life, we take advantage of this and devote some class time to consider women's activities in terms of early Christian primary documents, while also engaging our knowledge about women's public and private roles in the early Empire.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Diversity Flag, ERS Focus Elective, Gender & Diversity Studies, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 367 - African American Biblical Inte**

# **THEO 367 - African American Biblical Inte**

### **3 Credit Hours**

This course will explore African-American biblical interpretation, both from historical and contemporary perspectives (from 1790 to the present). Students will examine a variety of approaches of perspectives among African-American interpreters; including interpretations from the context of slavery, distinctive interpretations from traditional African-American preaching (post-slavery), and interpretations from modern African-American biblical scholars.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 368 - Buddhism**

# **THEO 368 - Buddhism**

#### **3 Credit Hours**

A study of the historical developments, doctrinal and ethical themes, spiritual practices, and contemporary trends of Buddhism.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Diversity Flag, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 370 - New Testament and Politics**

# **THEO 370 - New Testament and Politics**

#### **3 Credit Hours**

This course will address questions of politics and power with regard to the New Testament. In this course, students will explore the political setting of the early Christian writings. We will devote significant attention to the role of the Roman Empire in the development of Christian theology, identity and practice, even as we consider the place of democratic discourse in early Christian communities. The course will also consider the relationship of politics and the New Testament in the modern era. As part of our work together, we will investigate the role of power and politics within modern Biblical interpretation, and the ongoing place of scripture in wider public, political discourse.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Gender & Diversity Studies, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 371 - Book of Revelation**

# **THEO 371 - Book of Revelation**

#### **3 Credit Hours**

Comparison with other apocalyptic and political thinking of its time. Subsequent use in history of Church and culture (especially U.S.).

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

### **THEO 372 - Disability, Ethics & Theology**

# THEO 372 - Disability, Ethics & Theology

## 3 Credit Hours

In the tradition of contextual approaches to theology, like Feminist Theology and Black Theology, this course will reinterpret religious tradition and scriptures from the perspective of disability. There will be a particular focus on an ethical reinterpretation of scriptures and tradition, as it impacts disabled persons. Participants in the course will also reassess some religious practices in light of disability ethics.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Diversity Flag, ERS Focus Elective, Gender & Diversity Studies, Humanities Elective, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 374 - Buddhist Christian Exploration

# THEO 374 - Buddhist Christian Exploration

## 3 Credit Hours

This course is an introduction to the comparative study of Buddhism and Christianity. It aims 1) to introduce the essential teachings and practices of the Buddhist and Christian traditions; and 2) to explore how comparing their particular theological and ethical perspectives (on the ultimate nature of ourselves, other people, and the cosmos, and how best to live our lives and act in the world) inform our own views. In the process, we will compare texts on Buddhist meditation and Christian contemplation, and modern Buddhist and Christian perspectives on contemporary issues, such as interreligious learning, the ecological crisis, and systemic oppression based on race, gender, sexuality, and class.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Diversity Flag, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives, Theology - Interreligious Dial

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 376 - Sufism

# THEO 376 - Sufism

## 3 Credit Hours

This course starts with the investigation of the resources available for the study of Sufism (Islamic mysticism) and various approaches used in this field. It then turns to the study of basic Sufi doctrines and practices followed by its history. It concludes with discussions of the influence of Sufism on various facets of Islamic civilization and society and the situation of Sufism in the contemporary Islamic world and the West.

**Prerequisites:** THEO111

**Course Attributes:** Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 377 - Theo Themes in the Holy Land

# THEO 377 - Theo Themes in the Holy Land

## 3 Credit Hours

This course will explore the religious landscape of modern Israel, focusing in particular on the three dominant faiths: Judaism, Christianity, and Islam. Students will learn about multicultural and political influences on the religions of Israel.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 381 - Rel Dialog in the Holy Land**

# **THEO 381 - Rel Dialog in the Holy Land**

### **3 Credit Hours**

During this study trip, students will explore the complex religious, political, and socio-cultural situation of first-century Palestine and its role in forming both early Christianity and early Judaism. This course will also encourage students to consider the trajectory of both modern Christianity and Judaism out of first century events.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 386 - Spirituality & Solidarity**

# **THEO 386 - Spirituality & Solidarity**

### **3 Credit Hours**

0

**Prerequisites:** THEO111

**Course Attributes:** ERS Focus Elective, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives, Theology - Spirituality

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 387 - Theology and Animals**

# **THEO 387 - Theology and Animals**

### **3 Credit Hours**

Using violence as a focus this course will analyze the ethical and religious implications of the way animals are treated in contemporary society. Also, it will examine how this treatment redounds upon human beings in spiritual, psychological, and physical ways. The Judeo-Christian scriptures and tradition will form the context for this exploration.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 388 - Wilderness & Rel Imagination**

# THEO 388 - Wilderness & Rel Imagination

## 3 Credit Hours

Exploration of the philosophical and theological issues underlying a sane approach to the protection of all life-forms within a finite world in which hard choices frequently have to be made.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Environ Science/Studies Elect, ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 389 - Theologies of Food and Farm

# THEO 389 - Theologies of Food and Farm

## 3 Credit Hours

At a time when journalist Michael Pollan describes the United States as a culture with a "national eating disorder," what wisdom can we gain from theological sources to shape a renewed ethics and spirituality of food and farming? This course probes this question with special attention to Christian, Jewish, and native American traditions. The course fulfills a Sustainability Major requirement as well as a theology elective.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Environ Science/Studies Elect, Humanities Elective, Spirituality&Solidarity Minor, Theology - Contemp Ethical Cha, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 391 - Dialogue & Global Responsibili

# THEO 391 - Dialogue & Global Responsibili

## 3 Credit Hours

This course explores how the state of the world, its needs and crises, is calling all religions to learn from and to cooperate with each other in creating a world of greater social and ecological justice and well-being.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Humanities Elective, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 404 - Rel/Ethics & Prof. Practice

# THEO 404 - Rel/Ethics & Prof. Practice

## 3 Credit Hours

This course will enable students to recognize and appropriately respond to religious, spiritual, and ethical issues that arise in the context of professional practice in the fields of social work, criminal justice, nursing, psychology, occupational therapy, and ministry.

**Prerequisites:** (Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D) or CORE105

**Course Attributes:** Diversity Flag, ERS Focus Elective, Gender & Diversity Studies, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 416 - Theology and Trauma**

# **THEO 416 - Theology and Trauma**

### **3 Credit Hours**

This course explores the intersection of trauma and theology. In an increasingly traumatic world, this course will help students to think deeply about theological questions of the human person, God, evil, suffering, salvation, and the possibility of hope and healing. Specifically, this course begins with the exploration of the theoretical and clinical studies of trauma. Then the course moves through trauma's illumination of the human condition. Third, this course investigates the nature of God as understood through the experience of trauma and post-trauma. This course finishes with focusing on the role of communities, salvation, and hope as aspects of post-trauma healing.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** ERS Focus Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives, Theology - Persp on God & Hum

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 422 - Solidarity: Possibility/Limits**

# **THEO 422 - Solidarity: Possibility/Limits**

### **3 Credit Hours**

THEO 422 is dedicated to exploring how solidarity (understood as "social charity," a commitment to the common good, and mutually respectful, responsible, and inclusive relationships for the just ordering of society) can be realized in the face of social divisions and unjust inequalities. The readings will draw from a variety of views and voices so students can practice rigorous textual interpretation, analysis, and application. Additionally, this course invites students to: (a) reflect on their own experiences of crossing barriers and boundaries; (b) discern one's personal and professional vocation as it relates to solidarity; (c) imagine and strategize the beliefs, values, relationships, and practices that will advance inclusive solidarity in the world.

**Prerequisites:** THEO111

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Theology Perspectives, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 425 - Christ & Hope in Hostile World**

# **THEO 425 - Christ & Hope in Hostile World**

### **3 Credit Hours**

How do we define, locate, and engage hope in a hostile world? In the face of such suffering, what can keep us from hopelessness, fear, or apathy? In the Christian tradition, hope not only refers to our own sense of psychological agency, but it also includes an understanding of God's promise for the present and future. This promise calls upon humanity's innate capacity for hope, bringing us to embody it through social action as well as in community. Through a robust theological exploration of hope, this course will help students navigate today's social and political climate in light of a rich and complex understanding of the life, death, and resurrection of Jesus Christ.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives, Theology - Persp on God & Hum

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*



## THEO 430 - Ignatian Spirituality

# THEO 430 - Ignatian Spirituality

### 3 Credit Hours

A study of the historical, political, and theological context of Ignatius with a reappraisal of his Spiritual Exercises. How does Ignatius stand within the social, ecclesial and spiritual currents of his world? Where does he fit into the current of mystical thought in sixteenth-century Spain? More importantly: how do the Exercises shed light on the global reality of the 21st century?

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 442 - Seminar in Israel

# THEO 442 - Seminar in Israel

### 3 Credit Hours

Media, history, even our own faith communities, tend to provide us with simple narratives that boil down complex cultures, religions and conflicts into simple headlines and tweets that leave much invisible. To understand the role of religion in democracy, to understand the philosophy and approach of pluralism, we must understand the faiths themselves, but not in simple ways. In partnership with Hebrew Union College, both in Cincinnati and Jerusalem, the Philosophy, Politics and the Public program will travel to Israel to accomplish these learning goals. This course is a required preparation for that trip, as well as covering the academic work on the trip itself.

**Prerequisites:** THEO111 and PHIL100

**Restrictions:** May not be enrolled as the following Classifications: Freshman

**Course Attributes:** ERS Focus Elective, Philosophy Perspectives, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 444 - World Religions & Environment

# THEO 444 - World Religions & Environment

### 3 Credit Hours

This course will begin to construct an environmental theology and ethics using the wisdom of the world religious traditions. It will explore the Qur'an of Islam; the Tanakh, Mishnah, and Talmud of Judaism; Christian Scriptures; and other religious texts in order to see what insights the ancient traditions have to offer to environmental theology and ethics. It will also engage the work of modern interpreters of these religious texts.

**Prerequisites:** THEO111 or CORE105

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor, Spirituality&Solidarity Minor, Theology Perspectives, Theology - Interreligious Dial

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 495 - Directed Study

# THEO 495 - Directed Study

**1 - 3 Credit Hours**

An undergraduate course of study done on an individual basis with a professor.

**Prerequisites:** THEO111 or CORE105

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

**THEO 501 - Intro to the Study of Theology**

# THEO 501 - Intro to the Study of Theology

**3 Credit Hours**

This course is designed to provide a foundation for those who need a graduate-level background in theology. The course will introduce students to systematics, historical theology, biblical criticism, and ethics along with research skills appropriate to each area.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 502 - Christ Trad & Task of Understa**

# THEO 502 - Christ Trad & Task of Understa

**3 Credit Hours**

Enables the student to confront fundamental elements of the Christian tradition and to become aware of the need for a critical methodology.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 504 - Liberating Bible**

# THEO 504 - Liberating Bible

**3 Credit Hours**

This class introduces methods of scripture study used to interpret both the Hebrew Bible and the Christian Scriptures. This introduction substantively addresses the relationship between biblical interpretation and social justice questions regarding gender, race, class, and the environment. This orientation of the class reflects the commitment of the department to the Jesuit "promotion of justice" that is also at the core of the University's mission.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 505 - Gospel of Mark**

# THEO 505 - Gospel of Mark

**3 Credit Hours**

In-depth analysis of the Gospel of Mark in light of historical, literary, and theological context. Present-day dialogue with the Gospel's fundamental theological questions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 506 - Found Issues in Christian Ethi**

## **THEO 506 - Found Issues in Christian Ethi**

**3 Credit Hours**

An introduction to Christian ethics, exploration of basic methodological questions, and discussion of selected contemporary issues.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 508 - Ancient Christian Gospels**

## **THEO 508 - Ancient Christian Gospels**

**3 Credit Hours**

An intensive exploration of the multiple gospel traditions.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 509 - Paul: Our Brother, Our Betrayr**

## **THEO 509 - Paul: Our Brother, Our Betrayr**

**3 Credit Hours**

Was Paul a traitor to Judaism? Did he intend to found a new religion? Or, was he a messianic Jew?

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 511 - Paul's Concept of Community**

## **THEO 511 - Paul's Concept of Community**

**3 Credit Hours**

Dialogue on three levels: with Paul, with our own traditional understandings of community, and our present communal experience.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## **THEO 514 - SP Exercises For 21st Century**

# **THEO 514 - SP Exercises For 21st Century**

### **0 - 3 Credit Hours**

This team-taught course re-envisions Ignatius' Spiritual Exercises in light of recent New Testament scholarship and a contextual understanding of the sixteenth century, in which the Exercises were developed, with an eye to the global challenges and possibilities of our era.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Inst For Spirituality & SJ

**Levels:** Graduate

*College of Arts & Sciences Theology*

## **THEO 515 - Prophetic Faith in Isaiah**

# **THEO 515 - Prophetic Faith in Isaiah**

### **3 Credit Hours**

A study of the Book of Isaiah with particular emphasis on the themes of covenant and faith. The writings of Isaiah and prophetic faith will be discussed in the light of their significance for our time.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## **THEO 517 - Jeremiah: Prophet Just Society**

# **THEO 517 - Jeremiah: Prophet Just Society**

### **3 Credit Hours**

A study of the prophet, his time and the religious background of his ministry and preaching. An attempt will be made to show the relevance of Jeremiah in today's world.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## **THEO 518 - Prophets of the Hebrew Bible**

# **THEO 518 - Prophets of the Hebrew Bible**

### **3 Credit Hours**

Study of the historical setting, the literary styles, and the religious concerns of the prophets Jeremiah, Ezekiel, and Second Isaiah.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **THEO 520 - Journey Through Christianity I**

# **THEO 520 - Journey Through Christianity I**

### **3 Credit Hours**

This course is an introduction to the evolution of Christian thought from the first century to the late Middle Ages focusing in particular on the issues of community, authority and ecclesial expansion.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **THEO 523 - Women In Early Christianity**

# **THEO 523 - Women In Early Christianity**

### **0 - 3 Credit Hours**

In this course, students will explore a variety of texts that focus on women's participation in early Christianity. The class will contextualize such texts and their representations of women with attention to Greco-Roman and Jewish culture and history. In their reading of canonical and non-canonical texts, students will engage a variety of methodologies in order to consider such issues as the place of gender in the developing theology of the early church and women's leadership in the earliest Christian communities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **THEO 524 - Journ Through Christianity II**

# **THEO 524 - Journ Through Christianity II**

### **0 - 3 Credit Hours**

This course is an introduction to the evolution of Christian thought from the era of the Reformations to the middle of the 20th century focusing on the challenges of reforms, modern worldviews and colonial expansion.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **THEO 525 - Theology of Christian Worship**

# **THEO 525 - Theology of Christian Worship**

### **3 Credit Hours**

This course explores the theological/pastoral issues inherent in the understanding and practice of Christian worship: Word and Eucharist, initiation, reconciliation, among others.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **THEO 530 - Contemporary Christologies**

# **THEO 530 - Contemporary Christologies**

### **3 Credit Hours**

A study of various systematic approaches to the mystery of Christ and specific Christological models.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **THEO 531 - God: Problem & Mystery**

# **THEO 531 - God: Problem & Mystery**

### **3 Credit Hours**

Basic themes of the theological treatise on God (existence of God, atheism, creation, the Trinity) discussed within the context of fundamental questions of life (anxiety, death, evil, hope, and fulfillment).

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **THEO 532 - Approaches to God**

# **THEO 532 - Approaches to God**

### **3 Credit Hours**

After briefly reviewing the historical development of the classic formulation of the Christian doctrine of God, this course will explore a variety of contemporary approaches for understanding God. Approaches to be considered may include neo-orthodox, postliberal, liberationist, and feminist approaches. Topics to be considered include the reality of God; images of God; experience, scripture, hermeneutics and the God question; God and inter-religious dialogue.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## **THEO 533 - The Uniqueness of Christ**

# **THEO 533 - The Uniqueness of Christ**

### **3 Credit Hours**

The course will explore how Christians can affirm the uniqueness of Jesus in a world of newly experienced religious pluralism.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

## THEO 534 - Protestant Theology

# THEO 534 - Protestant Theology

### 3 Credit Hours

An exploration of important themes and issues in Protestant theology, including both classical and contemporary authors. The course may also include a comparison of the distinctiveness of Protestant theology in relation to Catholic theology.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 537 - Franciscan Spirituality

# THEO 537 - Franciscan Spirituality

### 0 - 3 Credit Hours

This course will foster a deep understanding of Franciscan spirituality through onsite exploration of the socio-historical milieu of Francis and Clare, readings of their works, readings of hagiographical accounts and secondary studies, and discussion of the theological and spiritual legacy of these two key Christian mystics. Immersion into the culture of Assisi will allow and experiential dimension to inform our appreciation of the Franciscan charism.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 538 - Religious Ed & Youth Ministry

# THEO 538 - Religious Ed & Youth Ministry

### 3 Credit Hours

Religious education and youth ministry are tasks that primarily belong to lay Christian leaders. This course will explore the challenges of education and mentoring adolescent faith and spirituality. This course will include theoretical and theological foundations as well as practical means to address these educations and spiritual challenges. This class will provide opportunities to discuss the field observation sessions that class participants will do in religion classes (Catholic High Schools) and/or youth ministry of various kinds.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 540 - Modern Catholic Social Teachin

# THEO 540 - Modern Catholic Social Teachin

### 3 Credit Hours

Papal and Episcopal social teaching since Leo XIII (1878). Includes employer-employee relations, poverty, democracy, socialism, Church-State relations, economics, human rights of all kinds.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 544 - Health Care Ethics

# THEO 544 - Health Care Ethics

### 3 Credit Hours

Critical examination of health care theory and praxis in light of Christian social thought and moral theology.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 545 - Moral Theo Since Vatican II

# THEO 545 - Moral Theo Since Vatican II

### 3 Credit Hours

Recent developments in Christian ethics: methods in moral decision-making, conscience and authority, sexuality, human rights, bioethics, war and armaments.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 547 - Ethics For a Planetary Crisis

# THEO 547 - Ethics For a Planetary Crisis

### 3 Credit Hours

Develop a coherent and adequate method of Christian ethics and then consider urgent moral issues that threaten lives and all life.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Inst For Spirituality & SJ

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 548 - Bioethics

# THEO 548 - Bioethics

### 3 Credit Hours

This course begins with reflection on moral methodology, then moves to specific questions such as reproductive technology, genetics, physician-patient relationship, end-of-life issues, and the many justice questions related to health care systems.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 552 - Sociology of Religion



# THEO 552 - Sociology of Religion

## 3 Credit Hours

Examination of the major components of religion, the interdependence between religion and other societal institutions, and religion's role in social conflict and change.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 553 - Psalms & Wisdom Literature

# THEO 553 - Psalms & Wisdom Literature

## 3 Credit Hours

An exploration of the affective, cognitive, and subconscious dimensions of religious phenomena, including belief and faith, myth and symbol, the quest for meaning, and individual and social needs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 558 - Spirituality & Mysticism

# THEO 558 - Spirituality & Mysticism

## 3 Credit Hours

This course enables the students to explore the mystical traditions and their implications for theology and spirituality.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 559 - Christn Spirituality: Past & P

# THEO 559 - Christn Spirituality: Past & P

## 3 Credit Hours

History of Christian spirituality and themes of contemporary spirituality.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 564 - Key Themes Hist of Christian T

# THEO 564 - Key Themes Hist of Christian T

**3 Credit Hours**

Examination of how significant theologians in different centuries have dealt with major issues.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 565 - Mysticism East-West**

# THEO 565 - Mysticism East-West

**3 Credit Hours**

The course will explore the significance of mysticism for the Church and the modern world by studying the writings of Eastern and Western mystics and by relating mystical experience to the findings of modern science.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 570 - Process Theology**

# THEO 570 - Process Theology

**3 Credit Hours**

Evaluation of the use that contemporary theologians are making of process philosophy to reinterpret Christian tradition.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 571 - Black Theology**

# THEO 571 - Black Theology

**3 Credit Hours**

The purpose of this course is to examine the historical background and origins of Black Theology and analyze the relationship between Black Theology, the Black church and Black liberation movements. We will also explore the major issues and topics that define black theology such as: its claim that liberation is the content of Christian theology, the proclamation of the Black Christ, a black approach to Christian Scripture, and an examination of the role of gender and sexuality within black communities. Finally, this course will help to clearly articulate one's own theological stance and perspective.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Theology

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 572 - New Testament Ethics**

# THEO 572 - New Testament Ethics

**3 Credit Hours**

Through a critical examination of selected New Testament texts this course attempts to answer the challenge: can the NT still speak to the moral crises today?

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 573 - Catholicity, Pluralism, Dissen**

# THEO 573 - Catholicity, Pluralism, Dissen

**3 Credit Hours**

Critically examines what it means for the church to be "catholic" in light of the many alternative conceptions of Christian existence and the current tension between some segments of the American church and the Vatican.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 575 - Theology & Ecology**

# THEO 575 - Theology & Ecology

**3 Credit Hours**

A study of Christian doctrines, scripture and morality as they relate to environmental issues.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 577 - Religion in an Age of Science**

# THEO 577 - Religion in an Age of Science

**3 Credit Hours**

Ian Barbour notes that there are four possible attitudes toward the relationship between religion and science: conflict, independence, dialogue and integration. This course will review all four attitudes, both in their historical development and contemporary context, and thus allow the student consciously to adopt his/her personal stance.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 584 - Praying the Psalms**

# THEO 584 - Praying the Psalms

**3 Credit Hours**

This workshop will explore the use of the Psalms as a spiritual resource. Students will learn some classical and innovative approaches to the interpretation of the Psalms,

including some attempts to reconstruct their use in the life of Ancient Israel. The workshop will also explore how the Psalms have been and are used in the life of the church; in personal piety, communal liturgy, preaching and daily prayer.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 591 - Theology of Karl Rahner**

## THEO 591 - Theology of Karl Rahner

**3 Credit Hours**

Analysis and discussion of key concepts in Rahner's thought: The human person, God, grace, Jesus Christ, Church and the Sacraments.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 595 - Christian Eschatology**

## THEO 595 - Christian Eschatology

**3 Credit Hours**

A review of the classical concepts of Christian Eschatology (death, judgment, heaven and hell) and of various contemporary approaches to the same material: e.g., belief in resurrection and personal immortality in the light of contemporary neuroscience, the end of the world from both a theological and scientific perspective, time and eternity, etc.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 607 - Global Refugee Crisis & Gospel**

## THEO 607 - Global Refugee Crisis & Gospel

**0 - 3 Credit Hours**

In this course, students will reflect on the histories and the contemporary phenomena of migration. Students will seek to understand migration theologically, Biblically, historically, and ethically in the broader framework of divine hospitality. Students will explore the possible ways to respond to migration with faith, charity, and justice.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 615 - Contemporary Ethical Issues**

## THEO 615 - Contemporary Ethical Issues

**3 Credit Hours**

In this course we will first consider a method for making moral decisions in light of Christian faith. Then we will study some current issues in the areas of medical, sexual, and social ethics.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## **THEO 624 - Theological Imagination**

# **THEO 624 - Theological Imagination**

### **3 Credit Hours**

This course explores the fertile boundaries between human life and sacred mystery, with attention to questions of meaning, hope, and social transformation in history. Through deep engagement with classic spiritual writings across diverse cultures and religious traditions, and drawing freely from contemporary theology, literature, music, poetry, film, the Bible, current events, and our own spiritual journeys, we will explore the broad, beautiful, unsettling, and alluring relationship between theology and spirituality, faith and social justice, in our times. The Ignatian tradition of critical thought and creative imagination will frame our inquiry throughout.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## **THEO 630 - Theology of Ministry**

# **THEO 630 - Theology of Ministry**

### **3 Credit Hours**

This course studies the theology of ecclesial ministry - lay and ordained. Taking into account the biblical background and historical developments, the course focuses on issues and ideas surrounding ministry today. With an emphasis on the Roman Catholic experience, the course locates ministry and church mission with a broadly Christian, ecumenical perspective.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## **THEO 632 - Ethics in Ministry**

# **THEO 632 - Ethics in Ministry**

### **0 - 3 Credit Hours**

This course will enable students to recognize and appropriately respond to religious, spiritual, and ethical issues that arise in the context of practice in professional fields such as ministry, health care, and social work. The process of ethical decision making introduced and used will recognize the role of spirituality in the client and in the professional.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Course Attributes:** Inst For Spirituality & SJ

**Levels:** Graduate

*College of Arts & Sciences Theology*

## **THEO 634 - Recovery & Growth Post Trauma**

# **THEO 634 - Recovery & Growth Post Trauma**

### **0 - 3 Credit Hours**

By attending to the ways that a person's sense of meaning, integrity, and trust can be violated through trauma and by understand basic spiritual practices that empower people in the healing process, this course helps educators, professionals and caregivers who come into contact with traumatized people. This course provides a holistic overview with emphasis on the spiritual and pastoral needs of traumatized people and makes accessible spiritual and theological resources to support the healing process. Given the multitude of types of trauma, the frequency of occasions for experiencing trauma over the course of a human lifetime, and the likelihood of encountering traumatized people in a variety of professions, including but not limited to pastoral care and ministry, it is important to have a theologically, spiritually and socially-informed understanding of the phenomenon of trauma in order to respond adequately, sensitively, and effectively to traumatized people.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

### **THEO 650 - Holocaust Religion & Ethics**

## **THEO 650 - Holocaust Religion & Ethics**

### **3 Credit Hours**

Designed for educators who already possess an undergraduate degree, Holocaust Studies for Educators participants will learn to personalize and humanize the Holocaust, making it relevant for students in their classrooms. At the workshop, participants will learn about the Holocaust by exposure to the stories of individuals with real names, faces, and experiences. They will hear first-hand testimony from survivors, refugees, and liberators whose homes are in the Cincinnati and Ohio area. Personalizing the Holocaust's survivors, victims, liberators and rescuers is an effective way for teachers to engage and challenge the youth of today. This workshop is offered in collaboration with the Center for Holocaust and Humanity Education.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

### **THEO 657 - Women Mystics**

## **THEO 657 - Women Mystics**

### **3 Credit Hours**

Studies the influence of religious women throughout the history of Christianity through a reading of women's mystical treatises.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

### **THEO 664 - The Historical Jesus**

## **THEO 664 - The Historical Jesus**

### **3 Credit Hours**

A critical investigation to determine the authentic voice, print, and profile of Jesus from sources of the first three centuries and a consideration of the consequences of such a search.

**Prerequisites:** Graduate level THEO504 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 666 - Book of Revelation

# THEO 666 - Book of Revelation

### 3 Credit Hours

Comparison with other apocalyptic and political thinking of its time. Subsequent use in history of Church and culture.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 672 - Theology & Culture to 1400

# THEO 672 - Theology & Culture to 1400

### 3 Credit Hours

A historical review of the development of doctrine during the ancient and medieval periods as contextualized by eastern and western Christianity. Themes to be explored include Christology, mysticism, ecclesiology, and the development of orthodoxy.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 674 - Theology & Culture Since 1700

# THEO 674 - Theology & Culture Since 1700

### 3 Credit Hours

Traces the interaction of Christian thought and modern consciousness from the eighteenth century to Vatican II. Special attention to the challenges posed to Christian theology by the rise of historical consciousness, the discoveries of the natural sciences, and the development of modern philosophy and psychology.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

## THEO 676 - American Catholic History

# THEO 676 - American Catholic History

### 3 Credit Hours

This course was inspired in part by Joseph Bernadin, who when Archbishop of Cincinnati stated in 1975: "Our past and our present, like the past and present of any nation, present a canvas of contrasting light and shadow, virtue juxtaposed with vice. We should not gloss over our failings, but neither should we fail to celebrate our achievements." Recognizing both weaknesses and strengths within the American Catholic Church, this course explores from an historical perspective the question, "What does it mean to be Catholic in the United States?" Both the power of reason and imagination will be engaged when addressing this question.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 688 - Spirituality & Transformation**

## **THEO 688 - Spirituality & Transformation**

**3 Credit Hours**

An exploration of contemporary spirituality with an eye toward the transformation of mind, body, and spirit.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 689 - Hearing the Parables**

## **THEO 689 - Hearing the Parables**

**3 Credit Hours**

An intensive investigation of the parable tradition. What does it mean to say that Jesus spoke in parables?

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 691 - Healing Deadly Memories I**

## **THEO 691 - Healing Deadly Memories I**

**0 - 3 Credit Hours**

An intensive investigation into the roots of anti-Semitism in the New Testament.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 692 - Healing Deadly Memories II**

## **THEO 692 - Healing Deadly Memories II**

**3 Credit Hours**

An exploration of theological and social consequences of the search for anti-Semitism in the New Testament.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 695 - Special Study**

## **THEO 695 - Special Study**



**1 - 6 Credit Hours**

A graduate course of study done on an individual basis with a professor.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THEO 699 - Masters Thesis**

# THEO 699 - Masters Thesis

**3 - 6 Credit Hours**

Research project to be done as a partial requirement of Theology Master's degree.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Theology*

**THTR 100 - Introduction to the Theatre**

# THTR 100 - Introduction to the Theatre

**3 Credit Hours**

Analysis of the role of the theatre within the community, models of professional theatre practice within Cincinnati. Focus on the artistic, administrative, and technical infrastructures of theatre organizations, through a series of on-site visits. Students will attend a number of local theatres during the semester.

**Course Attributes:** Creative Perspectives, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 110 - Survey of Dramatic Lit**

# THTR 110 - Survey of Dramatic Lit

**3 Credit Hours**

0

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 120 - Acting I**

# THTR 120 - Acting I

**3 Credit Hours**

0

**Course Attributes:** Creative Perspectives, Musical Theatre Minor, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

## **THTR 121 - Voice and Movement**

# **THTR 121 - Voice and Movement**

### **3 Credit Hours**

This course will introduce students to basic vocal and physical exercises, styles and techniques that train the actor in the use and care of their vocal and physical instrument. The International Phonetic Alphabet will be utilized to help identify and correct vocal tendencies with standard American and European dialects. Physical awareness and flexibility will be explored to help students create more specific physical choices when approaching a variety of characters.

**Levels:** Undergraduate

*College of Arts & Sciences Theatre*

## **THTR 150 - Stagecraft I**

# **THTR 150 - Stagecraft I**

### **3 Credit Hours**

0

**Course Attributes:** Creative Perspectives, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

## **THTR 160 - Improvisation**

# **THTR 160 - Improvisation**

### **3 Credit Hours**

0

**Course Attributes:** Creative Perspectives, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

## **THTR 195 - Musical Theatre Ensemble**

# **THTR 195 - Musical Theatre Ensemble**

### **1 Credit Hours**

This course builds fundamental vocal technique, develops critical listening skills, including sensitivity to ensemble singing, sensitivity to rhythm, pitch, balance, and intonation. Develops sensitivity to text and subtext, sensitivity to the expression of text and subtext. Develops a fundamental vocabulary of dance movement and successfully integrates it as an expressive tool. Contextualizes the music and movement to form a cohesive narrative, including the overall dramatic story of individual works from the musical theatre repertoire. Goals is to prepare, rehearse and perform a touring show of music, movement, and text.

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

## **THTR 196 - Musical Theatre Studio**

# **THTR 196 - Musical Theatre Studio**

**.5 Credit Hours**

This recurring course offers musical theatre majors the opportunity to meet and interact with each other in a studio setting, under the guidance of a musical director and musical theatre stage director. Weekly meetings will be used to work and hone musical theatre acting and singing techniques, develop musical theatre repertoire as an ensemble, work on individual performance opportunities and workshop with professional theatre artists.

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 197 - Voice for Theatre Majors**

# THTR 197 - Voice for Theatre Majors

**.5 - 1 Credit Hours**

Private instruction focusing on viable methods for healthy musical theatre singing. This course may be repeated for credit.

**Restrictions:** Must be enrolled in one of the following Majors: Musical Theatre Theatre Education Theatre

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 198 - Theatre Technology Workshop**

# THTR 198 - Theatre Technology Workshop

**1 Credit Hours**

This class offers the opportunity for students to practice their approaches to number of different specialties within the area of theatre technology, including but not limited to design, construction, stage management, run crew, wardrobe and production assistance. The application of these skills will be practiced during an actual rehearsal process leading to a production in front of a live audience. The course then allows the student to reflect upon the experience during a post-mortem discussion with the cast, crew and artistic staff of the production.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 199 - Theatre Performance Workshop**

# THTR 199 - Theatre Performance Workshop

**1 Credit Hours**

This class offers the opportunity for students to practice skills and techniques of performance learned in the classroom, including acting and directing. The application of these skills will be practiced during an actual rehearsal process leading to a production in front of a live audience. The course then allows the student to reflect upon the experience during a post-mortem discussion with the cast, crew and artistic staff of the production.

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 205 - Theatre History I**

# THTR 205 - Theatre History I

**3 Credit Hours**

Study of the major designs, structures, plays, innovators and practitioners in the theatre from Ancient Egypt through 1800 A.D., including Ancient Greece, Ancient Rome, the Renaissance and Shakespeare.

**Prerequisites:** THTR100 and ( ENGL101 or ENGL115)

**Course Attributes:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 206 - Theatre History II**

## THTR 206 - Theatre History II

**3 Credit Hours**

Study of the major designs, structures, plays, innovators and practitioners in the theatre from 1800 through the present, including Expressionism, Post-Modernist, American Musical Theatre, Experimental Theatre and Contemporary Theatre Styles.

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theatre*

**THTR 210 - Acting I**

## THTR 210 - Acting I

**3 Credit Hours**

Provides students with a valuable practical insight into the art of acting, but enables them to develop essential "transferable" skills in communication, time-management, and teamwork. Exposure to acting empowers students to develop personal confidence through exercises in role-play and improvisation, and explore important issues from a multiplicity of perspectives.

**Course Attributes:** Musical Theatre Minor, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 211 - Script Analysis**

## THTR 211 - Script Analysis

**3 Credit Hours**

An introduction to various methods of reading and analyzing a wide range of play scripts for theatre production, utilizing theories and tools from Aristotle to the present.

**Prerequisites:** THTR100 and ( ENGL101 or ENGL115)

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 219 - American Musical Theater**

## THTR 219 - American Musical Theater

**3 Credit Hours**

This course surveys American musical theater from the mid-19th century to the present day. Examining the lives and representative shows of the most significant theater composers and writers, it places each work in its historical and social context. It also explores the intertwining of music and drama and the ways in which musical style and structure support the goal of any drama: telling a compelling story. Spanning 150 years from the minstrel show to Rent, works include (among others): Showboat, Guys and Dolls, Jesus Christ Superstar, Les Misérables, and The Lion King.

**Prerequisites:** THTR120 and THTR197

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 220 - Improvisation for the Actor**

## THTR 220 - Improvisation for the Actor

**3 Credit Hours**

This course will introduce the student to the historical origins of improv, long and short form improv, and traditional improv games used by Second City. Students will create monologues, scenes, and performances with the skills developed in class.

**Course Attributes:** Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 221 - The Audition Process**

## THTR 221 - The Audition Process

**3 Credit Hours**

0

**Prerequisites:** THTR120

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 230 - Stagecraft**

## THTR 230 - Stagecraft

**3 Credit Hours**

Focus on the fundamentals of technical production: stagecraft, lighting, sound, costume, and make-up. Students will develop skills in basic operations and safety procedures. Projects may involve production work for the Xavier Players.

**Course Attributes:** Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

**THTR 250 - Private Lesson: Alexander Tech**

## THTR 250 - Private Lesson: Alexander Tech

**.5 - 1 Credit Hours**

Learn to relax into graceful movement and intelligent posture, so you can achieve your goals with confidence and ease. Topics are tailored to each student, including: stress and pain management, presentation and communication skills, performance anxiety and burnout, effective study/work habits, coordination and skills improvement, and living with self-awareness, joy and creativity.

**Course Attributes:** Gender & Diversity Studies, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **THTR 305 - Shakespeare in Performance**

# **THTR 305 - Shakespeare in Performance**

#### **1.5 Credit Hours**

In collaboration with the Cincinnati Shakespeare Company, this course aims to introduce students to the process necessary to present Shakespeare plays in a Reader's Theatre format. Students will be presented with the history of each play (performance and research history), rehearsal techniques, character study and vocal techniques; culminating in the performance of eight plays throughout the year. Students must sign up for two consecutive semesters. The course may be taken up to eight times.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theatre*

### **THTR 320 - Acting II**

# **THTR 320 - Acting II**

#### **3 Credit Hours**

0

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theatre*

### **THTR 330 - Scenic Design**

# **THTR 330 - Scenic Design**

#### **3 Credit Hours**

This course introduces students to the techniques, processes and methods of the scenic designer. The course will explore scenic design through analysis and research, creating a design statement, developing preliminary sketches, creating a ground plan and white model, and presenting a finalized design. This course will also examine historical aspects of set design, effective use of scale, and key aspects of artistic drafting and rendering.

**Prerequisites:** THTR100 and THTR150

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **THTR 341 - Stage Management**

# **THTR 341 - Stage Management**

#### **3 Credit Hours**

In this course, students will learn the basics of Stage Management, from pre-production to postproduction. Students will gain an insight into the role of a Stage Manager, including pre-production research and paperwork, running general and technical rehearsals, maintaining the artistic integrity of a production during performance, and all post-production responsibilities. This course will emphasize the importance of the Stage Manager in the collaborative process.

**Prerequisites:** THTR100

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

### **THTR 350 - Directing**

# THTR 350 - Directing

## 3 Credit Hours

Enables students to stage scenes and create original work. The resulting pieces of theatre should be presented to the Xavier community.

**Prerequisites:** THTR320

**Course Attributes:** Musical Theatre Minor, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## THTR 351 - Internship

# THTR 351 - Internship

## 1 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Classifications: Junior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## THTR 420 - Acting III

# THTR 420 - Acting III

## 3 Credit Hours

Utilizing the basic and intermediate acting skills developed in Acting I and Acting II, this course presents the students with the challenges of creating a role from a classical theatrical text. Specific attention is given to the heightened language and circumstances of classical texts. The course will conclude with a public performance of work completed throughout the class.

**Prerequisites:** THTR320

**Course Attributes:** Creative Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theatre*

## THTR 450 - Senior Thesis

# THTR 450 - Senior Thesis

## 3 Credit Hours

0

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theatre*

## UNST 100 - E Pluribus Unum

# UNST 100 - E Pluribus Unum

**1 Credit Hours**

An interdisciplinary course that introduces students to the challenges and opportunities that cultural diversity presents, and to the impact of stereotyping, prejudice and discrimination on the exercise of power in American society.

**Course Attributes:** EPU

**Levels:** Undergraduate

*No College Applicable Department Not Declared*

**UNST 200 - Service Learning Seminar**

# UNST 200 - Service Learning Seminar

**1 Credit Hours**

This course is a pre-requisite to participating in an academic service learning semester. This course incorporates a breadth of learning to enable students to make an easier transition into the Academic Service Learning Semester (ASLS) to follow.

**Levels:** Undergraduate

*No College Applicable Department Not Declared*

**UNST 300 - Service Learning: Nicaragua**

# UNST 300 - Service Learning: Nicaragua

**3 Credit Hours**

An interdisciplinary course that is a component of an immersion semester of study in Nicaragua. The guided service experience functions as the medium through which learning occurs.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D and Undergraduate level HIST151 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Gender & Diversity Studies, Latin American Studies Minor

**Levels:** Graduate Undergraduate

*No College Applicable Department Not Declared*

**UNST 301 - Service Learning: Urban**

# UNST 301 - Service Learning: Urban

**3 Credit Hours**

An interdisciplinary course that is a component of an immersion semester of study in an urban setting. The guided service experience functions as the medium through which learning occurs.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D and Undergraduate level HIST143 Minimum grade of D

**Course Attributes:** ERS Focus Elective

**Levels:** Undergraduate

*No College Applicable Department Not Declared*

**UNST 302 - Service Learning: India**

# UNST 302 - Service Learning: India



### **3 Credit Hours**

An interdisciplinary course that is a component of an immersion semester of study in an Asian country. The guided service experience functions as the medium through which learning occurs.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D and Undergraduate level HIST161 Minimum grade of D

**Course Attributes:** ERS Focus Elective

**Levels:** Undergraduate

*No College Applicable Department Not Declared*

### **UNST 304 - Service Learning: Ghana**

## **UNST 304 - Service Learning: Ghana**

### **3 Credit Hours**

Designed to enable students to learn through service, this course is one component of an academic semester which applies a broad, cross-disciplinary approach in forming a link between theory and practice. Service learning, a form of practice, yields insight into specific human needs as well as societal responses to those needs. Consistent with the mission of Xavier University, this course seeks to develop the ability to thoughtfully analyze society's needs and to provide humble and compassionate service in order to, among other things, achieve a better understanding of the human condition.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D and Undergraduate level HIST123 Minimum grade of D

**Course Attributes:** ERS Focus Elective

**Levels:** Undergraduate

*No College Applicable Department Not Declared*

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Director of Public Relations  
ProScan Imaging

**James Prehn, S.J.**  
Socius  
USA Midwest Province of the Society of Jesus

**John S. Prout**  
Retired - President & CEO  
TriHealth, Inc.

**Jennifer Ragland**  
Co-owner  
Alligator Purse

**Janet Butler Reid-Washington, Ph.D**  
CEO  
BRBS World, LLC

**Timothy J. Reilly**  
President  
St. Xavier High School

**Timothy J. Schroeder**  
President & CEO  
CTI - Clinical Trial & Consulting Services

**Rebecca A. Scullin**  
Treasurer  
Xamass Partners LLC

**Thomas F. Sedler**  
Treasurer  
Home City Ice Co.

**Liza D. Smitherman**  
Chief People Officer  
Jostin Construction, Inc.

**Timothy Spence**  
President & CEO  
Fifth Third Bank

**John Thiede, S.J.**  
Acting Vice President for Mission and Identity  
Marquette University

**Theodore H. Torbeck**  
Retired - President & CEO  
Cincinnati Bell Inc.

**William Verbryke, S.J.**  
President  
Brebeuf Jesuit Preparatory School

**Paul Verst**  
Chairman & CEO  
Verst Group Logistics

**Kathlyn R. Wade**  
CEO  
Learning Through Art, Inc.

Trustees Emeriti

**Gordon F. Brunner**

Retired - Chief Technology Officer  
The Procter & Gamble Company

**Robert H. Castellini**

Chairman  
Castellini Company

**Thomas G. Cody**

Retired - Vice Chairman  
Macy's Inc.

**Charles P. Gallagher**

Chairman & CEO  
Gallagher Enterprises LLC

**Michael J. Graham, S.J.**

Former President  
Xavier University

**Louise Head**

Civic Leader

**Catherine H. Kennedy**

Civic Leader

**Donald P. Klekamp, Esq.**

Senior Partner  
Keating, Muething & Klekamp, P.L.L.

**Robert J. Kohlhepp**

Xamass Partners LLC

**John LaRocca, S.J.**

Former History Professor  
Xavier University

**Lawrence A. Leser**

Retired - Chairman  
The E.W. Scripps Company

**Joseph A. Pichler**

Retired - Chairman & CEO  
The Kroger Co.

**Stephen S. Smith**

Executive Vice President  
Brandywine Global Investment Management

**Robert A. Sullivan**

Retired - President & CEO  
Fifth Third Bank

## University Administration

**Colleen Hanycz**

President

**Nezam Al-Nsair**

Dean, College of Nursing

**Ivy Banks**

Vice President for Institutional Diversity and Inclusion

**Rachel Chrastil**

Provost & Chief Academic Officer

**Teresa Smith**

Interim Vice President for Financial Administration and Chief Business Officer

**Greg Christopher**

Vice President for Administration and Athletic Director

**Jeff Coleman**

Vice President for Risk Management

**Rebecca Cull**

General Counsel and Secretary to the Board of Trustees

**Jenni Dramis**

Associate Vice President for Human Resources and CHRO

**Dennis Long**

Interim Dean, College of Professional Sciences

**Russell Lacey**

Dean, Graduate School

**Gary R. Massa**

Vice President for University Relations

**Aaron Meis**

Vice President for Enrollment Management

**Vacant**

Chief of Staff, Office of the President

**Katherine Miefert**

Associate General Counsel

**Debra Mooney**

Vice President for Mission and Identity and CMO

**Marco Pagani**

Dean, Williams College of Business

**Kelly Pokrywka**

Associate Vice President for Enrollment Management & Student Success

**Doug Ruschman**

Associate Vice President for Marketing and Communications

**Robert M. Sheeran**

Vice President for Facilities

**Sheri Thomas**

Associate Vice President and Chief Information Officer

**Vacant**

Dean, College of Arts and Sciences

## Faculty

### University Faculty

KAELENE ACOSTA (2020)

BSN, MSN (Xavier University)

Teaching Professor, College of Nursing

Coordinator, MSN-Nursing Education Track

NEZAM AL-NSAIR (2022)

MSN, PhD (University of Cincinnati)

Dean, College of Nursing

MAHA ALARDA (2023)

BSBS, MEd, EdD (National-Louis University)

Visiting Faculty, Montessori Education

EILEEN ALEXANDER (2014)

BS, MS, PhD (University of Cincinnati)

Associate Professor, Health Services Administration

LAUREN A. ANGELONE (2017)

BS, MSE, PhD (The Ohio State University)

Associate Professor, School of Education

WENDY ANTHONY (2015)  
BA, MA (Saint Louis University)  
Teaching Professor, Classics & Modern Languages  
Coordinator, Spanish Core

WILLIAM N. ANYONGE (2001)  
BS, PhD (University of California, Los Angeles)  
Associate Professor, Biology

THILINI ARIYACHANDRA (2007)  
BSBA, PhD (University of Georgia)  
Professor, Business Analytics & Information Systems

JOEL ASAY (2017)  
BS, MBA (Xavier University)  
Assistant Professor, Business Analytics & Information Systems

KELLY AUSTIN (1998)  
BA, MA (Brigham Young University)

ADAM AZMAN (2018)  
BS, PhD (University of North Carolina at Chapel Hill)  
Teaching Professor, Chemistry

MICHELLE BAILES (2007)  
BS, MA (Miami University)  
Senior Teaching Professor, Classics & Modern Languages  
Program Coordinator, Deaf Studies Minor

UTKU BALABAN, (2023)  
BA, MA, PhD (SUNY-Binghamton)  
Associate Professor, Race, Intersectionality, Gender & Sociology  
Program Director, Sociology

SARA E. BALTZ (2014)  
BS, MS, (University of Cincinnati)  
Senior Teaching Professor, Biology

HEATHER BALYEAT (2014)  
BS, PhD, (Duke University)  
Teaching Professor, Biology  
Program Director, Biological Sciences for Business

R. BRIAN BALYEAT, CFA (2004)  
BA, MBA, PhD (Duke University)  
Professor, Finance

ADAM BANGE (2009)  
BA, PhD (University of Cincinnati)  
Associate Professor, Chemistry

SALLY M. BARNHART (2002)  
BA, MA (Eastern Kentucky University)  
Senior Teaching Professor, School of Education

STACY BARNHOUSE (2019)  
BSN, MSN (Walden University)  
Teaching Professor, College of Nursing

CONNER BASSETT (2023)  
BA, MFA, PhD (University of California, Santa Cruz)  
Assistant Professor, English

SHADAWN BATTLE (2020)  
BA, MA, PhD (University of Cincinnati)  
Assistant Professor, Race, Intersectionality, Gender and Sociology

SANDRA BAZZANI (2023)  
MS (Universidad de Leon)  
Visiting Faculty, Spanish

SCOTT BECK (2015)  
BSBH, MBA (Xavier University)  
Teaching Professor, Marketing

RACHAEL BEHR (2022)  
BA, MA, PhD (George Mason University)  
Teaching Professor, Economics

DELANE BENDER-SLACK (2008)  
BS, MA, EdD (University of Cincinnati)  
Associate Professor, School of Education  
Program Director, Reading/TESOL Education  
Faculty Director, Center for International Education

POLINA BESPALKO (2007)  
DMA (University of Cincinnati)  
Teaching Professor, Music  
Program Director, Music Series

KRISTIN BLACKHAM (2020)  
BS, OTD (University of Toledo)  
Visiting Faculty, Occupational Therapy

BRENT C. BLAIR (2005)  
AB, MS, PhD (University of Michigan)  
Associate Professor, Biology

KELLY E. BLANK (2007)  
BA, MA (Indiana University, Bloomington)  
Senior Teaching Professor, Classics & Modern Languages

ASHLEY STADLER-BLANK (2019)  
BS, MBA, PhD (The Pennsylvania State University)  
Assistant Professor, Marketing

DIANA BOLING (2018)  
AA, BA, MSN (Xavier University)  
Teaching Professor, College of Nursing

AMY BOSCH (2002)  
BS, MS (University of Notre Dame)  
Senior Teaching Professor, Physics

MICHELLE BRADY (1999)  
BA, MA, PhD (Emory University)  
Associate Professor, Philosophy  
Department Chair, Philosophy

GREGORY A. BRAUN (2005)  
BS, PhD (University of Cincinnati)  
Senior Teaching Professor, Physics

FREDERICK R. BROWNE (2010)  
BA, MS, PhD (Indiana University, Bloomington)  
Associate Professor, Health Services Administration (HSA)

RANDOLPH M. BROWNE (2012)  
BA, MA, PhD (University of North Carolina, Chapel Hill)  
Associate Professor, History  
Program Director, First Year Seminar

TIMOTHY L. BROWNLEE (2007)  
BHum, PhD (Boston University)  
Professor, Philosophy  
Associate Dean, College of Arts & Sciences

ERIC BUCHER (2018)  
BS, MS, PhD (Louisiana State University & A & M College)  
Associate Professor, Mathematics

BRYAN BUECHNER (2020)  
BBA, MS, PhD (University of Cincinnati)  
Assistant Professor, Marketing

MAX-LOUIS BUOT (2006)  
BS, MSE, PhD (University of Virginia)  
Associate Professor, Mathematics  
Program Director, Actuarial Science  
Department Chair, Mathematics

EMILIE BURDETTE (2022)

ASN, BSN, MSN, DNP (Xavier University)  
Assistant Professor, College of Nursing  
Director, MIDAS Program

BRETT BURTON (2019)

BA, MA, EdD (Northern Illinois University)  
Assistant Professor, School of Education  
Program Director, Educational Administration

CHRISTINA BUSICK (2023)

BA, BS, BSN, MHA, DNP/FNP (University of Cincinnati)  
Assistant Professor, College of Nursing

SHANNON N. BYRNE-CUEVA (1994)

BA, MA, PhD (Northwestern University)  
Professor, Classics & Modern Languages  
Director, Assessment

JULIE A. B. CAGLE (1992)

BS, MBA, PhD (University of South Carolina)  
Professor, Finance

LAURA E. CARNEY (2018)

BS, MS, PhD (Springfield College)  
Teaching Professor, Sport Sciences and Management

RUTH CASADA (2022)

BS, MSN (Indiana Wesleyan University)  
Teaching Professor, College of Nursing

MINERVA CATRAL (2010)

BS, MS, PhD (University of Connecticut)  
Professor, Mathematics

LEANN CAUDILL (2021)

BA, MA, Ph D (University of North Carolina-Charlotte)  
Visiting Faculty, Psychology

DIANE CEO-DIFRANCESCO (1998)

BA, MA, PhD (University of Pittsburgh)  
Associate Professor, Classics & Modern Languages

BENJAMIN CHAMBERLAIN (2015)

BMed, MM, PhD (Northwestern University)  
Assistant Professor, Music  
Department Chair, Music and Theater

LEON CHARTRAND (2012)

BA, MED, MA, PhD (St. Michaels College, University of Toronto)  
Teaching Professor, Theology  
Director, Xavier Expeditions

SUPARNA CHATTERJEE (2007)

BA, PhD (University of Wisconsin-Milwaukee)  
Associate Professor, Interdisciplinary Studies

ELLIOTT CHEN (2022)

BA, MA, PhD, (University of California-Irvine)  
Assistant Professor, Philosophy

MEE-SHEW CHEUNG (2005)

BS, MBA, PhD (University of Tennessee, Knoxville)  
Professor, Marketing

JAE HOON CHOI (2017)

BA, BA, MA, MA, PhD (University of California)  
Associate Professor, Economics

SUZANNE M. CHOUTEAU (1988)

BA, MA, MFA (University of Iowa)  
Professor, Art

RACHEL A. CHRASTIL (2005)

BA, MA, PhD (Yale University)



Professor, History  
Provost and Chief Academic Officer

JENNIFER CHUBINSKI (2020)  
BA, MS, PhD (University of Cincinnati)  
Assistant Professor, Health Services Administration  
Program Director, Health Services Administration Undergraduate Program

ADAM L. CLARK (2003)  
BA, MDiv, PhD (Union Theological Seminary)  
Associate Professor, Theology

JACKIE M. CLIPPINGER (2008)  
BSN, MSN (Xavier University)  
Senior Teaching Professor, College of Nursing

RONALD COCKRELL (2013)  
PhD (University of Kentucky)  
Associate Professor, Accountancy  
Department Chair, Accountancy and Law

ROSE CONLEY (2021)  
AAS, BS, MEd, MS (University of Cincinnati)  
Teaching Professor, Biology

JANE CONZETT (1993)  
BA, MA (University of Northern Iowa)  
Senior Teaching Professor, Classics & Modern Languages

PAMELA COYLE\_TOERNER (2022)  
BS, MHA (Xavier University)  
Teaching Professor, Health Services Administration

ELAINE A. CRABLE (1981)  
BS, MEd, MBA, PhD (University of Georgia)  
Professor, Business Analytics & Information Systems  
Co-Director, International Business

KELLY CROWE (2022)  
BA, MS, PhD (The Ohio State University)  
Assistant Professor, Biology

LUCIANO CRUZ (2017)  
BA, MA, PhD (University of Kentucky)  
Teaching Professor, Classics & Modern Languages

JAMES CUMMINGS (2023)  
BA, MFA (Goddard College)  
Visiting Faculty, English

TIMOTHY CURL (2023)  
BSN, MSN DNP (Eastern Kentucky University)  
Assistant Professor, College of Nursing  
Program Chair, BSN Program

SHIRLEY CURTIS (2016)  
BS, MEd, EdD (University of Cincinnati)  
Teaching Professor, School of Education

COLLIN DADOSKY (2015)  
ASN, BSN, MSN (Xavier University)  
Senior Teaching Professor, College of Nursing

CRAIG M. DAVIS (1995)  
BS, MS, PhD (Syracuse University)  
Associate Professor, Chemistry  
Department Chair, Chemistry

MARK B. DAVIS (2018)  
BA, MA (Western Kentucky University)  
Teaching Professor, Mathematics

CHRISTINA DAVLIN-PATER (2000)  
BA, MS, PhD (University of Utah)  
Professor, Athletic Training  
Director, Athletic Training Program

CHIP DeLORENZO (2023)  
BS, MEd (Endicott College)  
Teaching Professor, Montessori Education

KENDRA DENLINGER (2019)  
BS, PhD (University of Cincinnati)  
Teaching Professor, Chemistry

BLIS H. DEVAULT (2008)  
BS, MFA, MA (Ohio University)  
Professor, Communication  
Program Director, Digital Innovation, Film and Television

ARTHUR J. DEWEY (1980)  
AB, MDiv, ThD (Harvard University)  
Professor, Theology

DALIA DIAB (2010)  
BA, MS, PhD (Bowling Green State University)  
Professor, School of Psychology

ALEXIS DIANDA (2019)  
BA, MA, PhD (The New School for Social Research)  
Assistant Professor, Philosophy

STEPHANIE DONAUER (2016)  
MS, PhD (University of Cincinnati)  
Assistant Professor, Health Services Administration

LARA A. DORGER (1994)  
BA, MA (Ohio University)  
Senior Teaching Professor, Classics & Modern Languages

CYNTHIA L. DULANEY (1994)  
BS, MA, PhD (University of Alabama)  
Professor, School of Psychology

NORA LEAH DUNN (2012)  
BS, MS, EdD (Northern Kentucky University)  
Assistant Professor, Occupational Therapy

DANIEL J. DWYER (2004)  
BA, MA, PhD (The Catholic University of America)  
Associate Professor, Philosophy

MICHELLE ECKERT (2010)  
BSN, MBA (Xavier University)  
Teaching Professor, College of Nursing

ERIKA EICHOLZ (2022)  
BA, MEd (Endicott College)  
Teaching Professor/Principal of Montessori School, School of Education

WALEED EL-ANSARY (2011)  
BA, MPhil, PhD (George Washington University)  
Associate Professor, Theology  
Program Director, Islamic Studies

CHRISTIAN M. END (2004)  
BS, MA, PhD (Miami University)  
Associate Professor, School of Psychology

DOROTHY B. ENGLE (1990)  
BA, PhD (Carnegie-Mellon University)  
Associate Professor, Biology  
Program Director, Pre-Professional Health Sciences

TERRI ENSLEIN (2016)  
BSN, MSN (Ball State University)  
Assistant Professor, College of Nursing  
Program Chair, Graduate Programs College of Nursing

WILBER ESCORCIA (2020)  
BA, MS, PhD (University of Southern California, Los Angeles, CA)  
Assistant Professor, Biology

KAREN EUTSLER (2016)  
BS, MBA (Xavier University)  
Senior Teaching Professor, Marketing

JOHN D. FAIRFIELD (1984)  
BA, MA, PhD (University of Rochester)  
Professor, History

GEORGE L. FARNSWORTH III (2003)  
BS, MS, PhD (North Carolina State University)  
Associate Professor, Biology

HASAN AL FARUQ (2007)  
BA, MA, PhD (Indiana University)  
Professor, Economics

MARCO FATUZZO (2000)  
BA, PhD (Northwestern University)  
Professor, Physics

PATRICK FILANOWSKI (2018)  
BS, MS, PhD (University of Massachusetts)  
Assistant Professor, Sport Studies  
Program Director, Exercise Science

PAUL E. FIORELLI (1983)  
BA, MBA, JD (University of Dayton)  
Professor, Legal Studies  
Director, Cintas Institute for Business Ethics

MICHELLE FLAUM (2011)  
PhD (University of Cincinnati)  
Professor, Counseling

T. MICHAEL FLICK (1989)  
BS, MEd, MA, PhD, EdD (University of Sarasota)  
Professor, School of Education

HOWARD FRANCIS (2022)  
BS, MA (Indiana University)  
Visiting Faculty, Mathematics

CATHERINE F. FRANK (2017)  
BSN, MSN, DNP (University of Cincinnati)  
Assistant Professor, College of Nursing

STEVEN H. FRANKEL (2003)  
BA, MA, PhD (University of Chicago)  
Professor, Philosophy  
Co-Program Director, Stephen S. Smith Center for the Study of Capitalism and Society

RENEA FREY (2015)  
BA, MA, PhD (Miami University)  
Associate Professor, English  
Director, Writing Program

ELLEN GAGLIANI (2023)  
PhD (University of Cincinnati)  
Assistant Professor, Chemistry

CARLENE M. GALANOPULO (2016)  
BSN, MSN (Xavier University)  
Teaching Professor, College of Nursing

STACIA GALEY (2015)  
BS, DOT (Chatham University)  
Teaching Professor, Occupational Therapy

MELISSA GALLO (2023)  
BSN, MSN DNP (Mount St. Joseph University)  
Assistant Professor, College of Nursing

MICHAEL T. GEHNER (1993)  
BS, MS (University of Cincinnati)  
Senior Teaching Professor, Biology

CARLA GERBERRY (2013)  
BS, PhD (Purdue University)  
Associate Professor, Mathematics

DAVID J. GERBERRY (2012)  
BS, PhD (Purdue University)  
Associate Professor, Mathematics  
Program Director, Data Science Honors

JEFF GERDING (2018)  
BS, MA, PhD (Purdue University)  
Assistant Professor, English

JENNIFER GIBSON (2011)  
BA, MA, PhD (Miami University)  
Associate Professor, School of Psychology

JONATHAN GIBSON (2006)  
BFA, MFA (Pratt Institute)  
Associate Professor, Art  
Department Chair, Art  
Program Director, Graphic Design

C. WALKER GOLLAR (1993)  
BS, MA, PhD (University of Toronto)  
Professor, Theology

ALEJANDRA GONZALEZ (2022)  
BS, MA, PhD (University of Akron)  
Assistant Professor, Psychology

DALEAH GOODWIN (2022)  
PhD (University of Georgia)  
Assistant Professor, History

JODY GOOGINS (2020)  
BA, MEd, MEd, PhD (Miami University, Oxford, OH)  
Assistant Professor, School of Education  
Program Director, Secondary Education

GABRIEL GOTTLIEB (2009)  
BA, MA, PhD (New School for Social Research)  
Professor, Philosophy

ELAINE GUENTHNER (2018)  
BS, MAcc (Northern Kentucky University)  
Visiting Faculty, Accountancy

LIN GUO (1994)  
BS, MS, PhD (University of Cincinnati)  
Associate Professor, Health Services Administration

MICHELLE HALL (2011)  
BA, MS, EdD (University of Cincinnati)  
Associate Professor, Counseling

MICHAEL HALLORAN (2018)  
BS, MS, (Massachusetts Institute of Technology)  
Teaching Professor, Management, Entrepreneurship & HR

ANGELA HAMMOND (2020)  
AA, BSN, MSN, (University of Phoenix)  
Teaching Professor, College of Nursing

COLLEEN HANYCZ (2021)  
BA, BL, LL.M., PhD (Osgoode Hall Law School)  
Professor, Accountancy & Law  
President, Xavier University

KATHLEEN J. HART (1988)  
BS, MA, PhD (Virginia Polytechnic Institute)  
Professor, School of Psychology  
Department Chair, School of Psychology

THOMAS J. HAYES (1976)

BS, MBA, PhD (University of Cincinnati)  
Professor, Marketing

JAMES E. HELMER (2012)  
BA, MA, MTh, PhD (University of Notre Dame)  
Associate Professor, Theology  
Director, Ethics, Religion & Society Program

CANDICE HELMES (2022)  
BS, ARN, BSN, MaEd (Northern Kentucky University)  
Teaching Professor, the College of Nursing

BETHANY HENNING (2018)  
BA, MA, PhD (Southern Illinois University)  
Besl Chair in Ethics/Religion and Society, College of Arts & Sciences

MARIA-CARMEN HERNANDEZ-ALONSO (2018)  
BA, MA, PhD (University of Cincinnati)  
Visiting Faculty, Classics & Modern Languages

GRALEY HERREN (1998)  
BA, MA, PhD (Florida State University)  
Professor, English

KATHLEEN McGARVEY HIDY (2011)  
BA, JD (Columbia University)  
Associate Professor, Accountancy & Business Law

ANDREW HILL (2017)  
BS, MA, PhD (The Catholic University of America)  
Teaching Professor, Mathematics

ASHLEY A. HINCK (2015)  
BA, MA, PhD (University of Wisconsin-Madison)  
Assistant Professor, Communication

ANGEL HOCK (2019)  
BS, BSN, MSN (Xavier University)  
Teaching Professor, College of Nursing

ELIZABETH HODAR (2022)  
BSBA, MSN (Mount Saint Joseph University)  
Teaching Professor, College of Nursing

JULIE HOFFMANN (2018)  
BA, BS, MBA (Utah State University)  
Teaching Professor, Business Analytics and Information Systems

EDMUND HOOKER (2005)  
BS, MD, DPH (University of Kentucky)  
Professor, Health Services Administration

BARBARA M. HOPKINS (1980)  
BA, PhD (Catholic University)  
Associate Professor, Chemistry

DAVID HOUGHTON (2016)  
BM, MBA, PhD (Southern Illinois University)  
Associate Professor, Marketing

LISA HOVER (2019)  
AAS, BS, MEd (American College of Education)  
Teaching Professor, Classics & Modern Languages

KYLE HOWLAND (2019)  
BFA (University of Cincinnati)  
Teaching Professor, Digital, Innovation, Film & Television

JARROD HUMPHREY (2023)  
BBA, MBA, PhD (University of Florida)  
Assistant Professor, Management, Entrepreneurship & HR

WON-JAE HUR (2019)  
BA, MDIV, STM, MA, PhD (Boston College)  
Assistant Professor, Theology

SHELLEY HURLES (2020)  
BA, BSN, MSN (University of Cincinnati)  
Teaching Professor, College of Nursing

ELLEN HURST (2008)  
BS, MA (Miami University)  
Senior Teaching Professor, Economics  
Director, Center for Women in Business & Leadership

YOLANDER G. HURST (2002)  
BS, MS, PhD (University of Cincinnati)  
Associate Professor, Criminal Justice  
Department Chair, Criminal Justice

DONNA HUTCHINSON-SMYTH (2016)  
BA, MEd (Xavier University)  
Teaching Professor, School of Education

DAVID C. HYLAND (2004)  
BA, MSM, PhD (The Ohio State University)  
Associate Professor, Finance  
Director, D'Artagnan Capital Fund

RIHAM ISMAIL (2022)  
BA, MA, PhD (Purdue University)  
Visiting Faculty, French, Classics and Modern Languages

NATALIA JACOVKIS (2007)  
BA, MA, PhD (University of Florida)  
Associate Professor, Classics & Modern Languages  
Coordinator, Latin American Studies  
Director, International Studies

JAGAN JACOB (2020)  
BT, MT, MS, PhD (University of Rochester)  
Assistant Professor, Management, Entrepreneurship & HR

DEANNA JENKINS (2021)  
BSN, MSN (Indiana Wesleyan University)  
Teaching Professor, College of Nursing

HAIHAO JIN (2013)  
CPIM, CSCP, PhD (University of Kentucky)  
Associate Professor, Management, Entrepreneurship & HR

ELIZABETH L. JOHNSON (1997)  
BS, MS, PhD (Indiana University, Bloomington)  
Associate Professor, Computer Science  
Department Chair, Computer Science

Hollie Johnson (2015)  
BS, MEd (Xavier University)  
Teaching Professor, School of Education

R. STAFFORD JOHNSON (1982)  
BA, MS, PhD (University of Kentucky)  
Professor, Finance  
Co-Program Director, Stephen S. Smith Center for the Study of Capitalism and Society

MEGAN JONES (2018)  
BS, PhD (West Virginia University)  
Assistant Professor, Accountancy

TIMOTHY JONES (2015)  
BS, MBA, PhD (Florida State University)  
Associate Professor, Finance  
Chair, Finance Department

CHERYL JONSON (2013)  
BS, BA, MA, PhD (University of Cincinnati)  
Associate Professor, Criminal Justice

HEM RAJ JOSHI (2003)  
MSc, MS, PhD (University of Tennessee, Knoxville)  
Professor, Mathematics

LISA JUTTE (2011)  
BA, MS, PhD (Brigham Young University)  
Professor, Athletic Training  
Program Director, Leadership Studies  
Associate Dean, College of Professional Studies

HOLLY KAMINSKI (2016)  
BS, MEd (Xavier University)  
Senior Teaching Professor, Business Analytics & Information Systems

EMILY KERR (2023)  
BS, PhD (Harvard University)  
Visiting Faculty, Chemistry

DEBORAH S. KNAPP (2018)  
BSN, MEd, (Mt. St. Joseph University)  
Assistant Professor, College of Nursing

MIRANDA KNAPP (2022)  
AS, BSN, BS, MSN, DNP, PhD (Indiana University of Pennsylvania)  
Assistant Professor, College of Nursing  
Director, DNP Program

THOMAS D. KNESTRICK (2004)  
BS, MEd, PhD (University of Cincinnati)  
Professor, School of Education  
Program Director, Early and Middle Childhood Education

DAVID J. KNUTSON (1994)  
BA, MA, PhD (University of Wisconsin-Madison)  
Professor, Classics & Modern Languages

ADAM KONOPKA (2014)  
BA, MA, PhD (Fordham University)  
Visiting Faculty, Philosophy

EDWARD KOSACK (2015)  
BBA, MA, MA, PhD (University of Colorado Boulder)  
Assistant Professor, Economics  
Department Chair, Economics

SUPAPORN KRADTAP-HARTWELL (2011)  
BS, MS, PhD (University of Cincinnati)  
Associate Professor, Chemistry  
Faculty Director, Center for Teaching Excellence

HEMA A. KRISHNAN (1993)  
MS, MBA, PhD (University of Tennessee)  
Professor, Management, Entrepreneurship & HR

MORTEN KRISTIANSEN (2006)  
BA, MPhil, PhD (Yale University)  
Professor, Music  
Program Director, Music

DOMINIQUE KROPP (2020)  
BA, BA, MAE, PhD (University of Kansas)  
Teaching Professor, Sport Sciences and Management

TIMOTHY A. KRUSE (2007)  
BS, MBA, PhD (Purdue University)  
Professor, Finance

DEBORA L. KUCHEY (2000)  
BA, MA, EdD (University of Cincinnati)  
Associate Professor, School of Education

MICHAEL KUREMSKY (2017)  
BA, MBA (Duke University)  
Visiting Faculty, Marketing

RUSSELL LACEY (2011)  
BBA, MBA, PhD (University of Alabama)  
Associate Professor, Marketing  
Associate Provost and Dean, Graduate School

LAUREN LAKER (2015)  
BS, BA, MBA, PhD (University of Cincinnati)  
Assistant Professor, Business Analytics & Information Systems

BETHANY LAM (2019)  
BA, MA, PhD (University of North Carolina Chapel Hill)  
Teaching Professor, English

SHELAGH J. LARKIN (1998)  
BS, MSW (University of Kentucky)  
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BSN, MN, PhD (Walden University)  
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Professor, Social Work  
Interim Dean, College of Professional Sciences

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BSN, MSN (Capital University)  
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BA, MA, MST, EdD (Montana State University)  
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BA, ME, PhD (North Carolina State University)

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KRIS SPAETH (2017)  
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Teaching Professor, College of Nursing

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NICHOLAS YODA (2022)  
MDiv, PhD (Berry College)  
Visiting Faculty, Theology

TERESA L. YOUNG (2008)  
BS, MEd, EdD (University of Cincinnati)  
Associate Professor, School of Education  
Director, School of Education

BIN YU (2010)  
BE, BA, MA, PhD (University of Colorado)  
Associate Professor, Political Science  
Program Coordinator, Asian Studies

KAN YUE (2017)  
BS, MA, PhD (Purdue University)  
Assistant Professor, Economics

VICTORIA ZASCAVAGE (2006)  
BA, MA, PhD (Texas Woman's University)  
Associate Professor, Education

TAMMY ZILLIOX (2021)  
BS, MEd, EdD (Xavier University)  
Assistant Professor, School of Education

ANDREW ZOLIDES (2017)  
BA, MA, PhD (University of Wisconsin-Madison)  
Associate Professor, Communication

RENEE ZUCCHERO (2002)  
BS, MA, PhD (Ball State University)  
Professor, School of Psychology

\*\*\*The date in parenthesis is the date of first appointment at Xavier.

#### **Distinguished Professors Emeriti**

ROGER A. FORTIN 1966-2016  
Professor of History

KARL P. WESTERSDORF 1956-1987  
Professor of English

#### **Professors Emeriti**

JAMAL ABU-RASHED 1989-2011  
Professor of Economics

GILLIAN T. W. AHLGREN 1990-2020  
Professor of Theology

JOYCE S. ALLEN 1979-2020  
Associate Professor of Accountancy

JERRY W. ANDERSON JR 1978-1993  
Professor of Management

M. CHRISTINE ANDERSON 1995-2022  
Associate Professor of History

PHYLLIS AUGSPURGER 1990-2005  
Associate Professor of Nursing

TAYLOR BAKER 1973-1988  
Assistant Professor of Education

JOHN J. BARRETT 1999-2017  
Associate Professor of Psychology

ANN BEIERSDORFER, RSM, 1980-2002  
Associate Professor of Art

DAVID BERRY, 1982-2018  
Assistant Professor of Mathematics

NANCY E. BERTAUX 1985-2023  
Professor of Economics

ELENA BLAIR 1969-2003  
Associate Professor of Philosophy

ALBERT A. BOCKLET 1974-1995  
Associate Professor of Health Services Administration

JAMES BOOTHE 1987-2015  
Associate Professor of Education

RICHARD BONVILLAIN 1971-2006  
Associate Professor of Philosophy

JOSEPH A. BRACKEN, SJ 1982-2002  
Professor of Theology

LEO H. BRADLEY 1990-2017  
Professor of Education

GERALD F. BRAUN 1986-2014  
Associate Professor of Information Systems

THOMAS J. BRUGGEMAN 1957-1994  
Associate Professor of Mathematics

NAPOLEAN BRYANT JR. 1970-1993  
Professor of Education

JOHN B. CAMEALY 1977-1993  
Associate Professor of Management

ELAINE M. CHARTERS, RSM, 1980-2002  
Professor of Biology

THOMAS D. CLARK 1981-2021  
Professor of Management, Entrepreneurship & HR

JERRY CLINE-BAILEY 1991-2023  
Associate Professor of English

STEVEN A. COBB 1984-2017  
Associate Professor of Economics

E. PAUL COLELLA 1979-2022  
Professor of Philosophy

RAYMOND J. COLLINS 1973-1994  
Associate Professor of Mathematics

BRIAN W. CONNOLLY 1961-2003  
Professor of English

CYNTHIA CROWN 1988-2008

Professor of Psychology

CHARLES CUSICK 1955-1992

Professor of Biology

MARGARET G. CUNNINGHAM 1985-2020

Assistant Professor of Management, Entrepreneurship & HR

WILLIAM E. DAILY 1966-2006

Professor of Communication Arts

CHRISTINE M. DACEY 1984-2019

Professor in School of Psychology

INDRAWANSA DESILVA 2004-2014

Associate Professor of Communication Arts

KEVIN DEVINE 1989-2023

Professor, Accountancy

RICHARD E. DUMONT 1963-1994

Professor of Philosophy

JOANNE PHILLIPS ESTES 1995-2021

Assistant Professor of Occupational Therapy

LINDA R. FINKE 1976-2013

Associate Professor of Biology

NORMAN M. FINKELSTEIN 1980-2020

Professor of English

DAVID C. FLASPOHLER 1962-2005

Professor of Mathematics

ERNEST L. FONTANA 1966-2013

Professor of English

RICHARD J. GARASCIA 1942-1985

Professor of Chemistry

DANIEL W. GEEDING 1969-2002

Professor of Management

CYNTHIA H. GEER 1997-2023

Professor School of Education

JOHN R. GETZ 1968-2014

Professor of English

ANNA L. CASH GHEE 2003-2021

Associate Professor in School of Psychology

MARIE GIBLIN 1994-2011

Associate Professor of Theology

PHILIP GLASGO 1984-2013

Associate Professor of Finance

JAMES GLENN 1956-1995

Associate Professor of English

CHARLES J. GROSSMAN 1977-2020

Professor of Biology

RICHARD L. GRUBER 1968-2006

Associate Professor of History

STANLEY E. HEDEEN 1968-2006

Professor of Biology

NEIL R. HEIGHBERGER 1968-2007

Professor of Political Science

DAVID HELLKAMP 1967-2011

Professor of Psychology

STEVEN T. HERBERT (1995-2019)  
Professor of Physics

MARGO J. HEYDT 1997-2023  
Associate Professor of Social Work

BRENNAN R. HILL 1984-2006  
Professor of Theology

IRENE B. HODGSON 1986-2017  
Professor of Modern Languages

SHERRIE HUMAN 1997-2008  
Professor of Management & Entrepreneurship

BRUCE JOHNSON 1982-1997  
Associate Professor of Information Systems

ROBERT G. JOHNSON 1954-1993  
Professor of Chemistry

PHILLIP D. JONES 1983-1997  
Associate Professor of Management

MAX J. KECK, 1992-2001  
Professor of Physics

MARSHA KARAGHEUSIAN-MURPHY 1986-2021  
Professor of Art

SUSAN KENFORD 1998-2023  
Associate Professor, School of Psychology

THOMAS A. KESSINGER 1986-2019  
Associate Professor of Education

LYNDA M. KILBOURNE 1996-2022  
Professor of Management, Entrepreneurship & HR

MARGARET O'BRIEN KING 1988-2015  
Professor of Nursing

PAUL F. KNITTER 1975-2002  
Professor of Theology

TIMOTHY J. KLOPPENBORG 1990-2013  
Professor of Management

ALEXANDRA S. KORROS 1986-2017  
Professor of History

SHARON J. KORTH 1993-2020  
Associate Professor of Human Resource Development

LON S. KRINER 1978-2011  
Associate Professor of Education

EARL J. KRONENBERGER 1962-1993  
Professor of Psychology

HILRETH LANIG 1989-2011  
Assistant Professor of Nursing

WILLIAM J. LARKIN III 1956-2003  
Professor of Mathematics

JOHN J. LAROCCA, S. J. 1977-2018  
Professor of History

BRENDA S. LEVYA-GARDNER 1992-2021  
Associate Professor of Human Resource Development

MARY ANN McCONNELL-FODOR 1981-2002  
Associate Professor of Education

MARTHA A. McDERMOTT 1967-1992  
Assistant Professor of Education

GINGER K. McKENZIE 1992-2015  
Associate Professor of Education

DANIEL J. McLOUGHLIN 1982-2013  
Associate Professor of Chemistry

SARAH MELCHER 1999-2016  
Associate Professor of Theology

BONNIE J. MILLER 1981-2002  
Associate Professor of Nursing

RAYMOND E. MILLER 1965-2002  
Professor of Physics

LINDA W. MOORE, R.N. 1998-2020  
Professor of Nursing

JON D. MOULTON 1967-2007  
Associate Professor of Political Science

ROBERT J. MURRAY 1960-1997  
Professor of Classics

MARK S. NAGY 2000-2021  
Associate Professor in School of Psychology

SUSAN K. NAMEI 1989-2010  
Assistant Professor of Nursing

W. MICHAEL NELSON, III 1978-2019  
Professor of Psychology

RAY O. NULSEN JR 1989-2003  
Associate Professor of Marketing

PRISCILLA M. O'CLOCK 1992-2015  
Professor of Accountancy

KENNETH R. OVERBERG SJ 1978-2015  
Professor of Theology

DAEWOO PARK 1992-2015  
Professor of Management, Entrepreneurship & HR

MILTON A. PARTRIDGE 1966-1991  
Professor of Education

CHARLOTTE PROFFITT 1989-2002  
Associate Professor of Nursing

CLAROY (SALLY) W. PRUDEN 1975-1993  
Professor of Education

RICHARD J. PULSKAMP 1977-2015  
Professor of Mathematics

GERALD QUATMAN 1962-2002  
Professor of Psychology

TIMOTHY S. QUINN 1987-2022  
Professor of Philosophy

CAROL H. RANKIN 1984-2021  
Associate Professor, Economics

JACK REAMY 1991-2006  
Associate Professor of Health Services Administration

JO ANN M. RECKER SND 1988-2014  
Professor of Classics & Modern Languages



JOHN RETTIG 1968-1996

Professor of Classics

JOHN G. RICHARDSON 1973-2006

Associate Professor of Criminal Justice

LINDA S. RIEG 1992-2008

Associate Professor of Nursing

TIMOTHY RIORDAN 1973-2014

Associate Professor of Educational Administration

JOHN C. ROTHWELL 1964-1992

Professor of Finance

CLINTON SCHERTZER 1974-2020

Associate Professor of Marketing

IDA CRITELLI SCHICK 1992-2013

Professor of Health Services Administration

THOMAS A. SCHICK 1990-2006

Assistant Professor of Communication Arts

LINDA SCHMID 1990-2016

Assistant Professor of Nursing

BERNARD SCHMIDT 1980-1999

Professor of Art

HANS SCHMIDT 1967-1992

Professor of Psychology

SUSAN M. SCHMIDT 1980-2020

Professor of Nursing

JANET R. SCHULTZ 1997-2017

Professor of Psychology

ARTHUR SHRIBERG 1983-2014

Professor of Management

CAMILLE P. SCHUSTER 1988-2003

Professor of Marketing

ROBERT A. SCHUTZMAN 1961-1994

Professor of Accounting

ROMAN J. SCHWEIKERT 1964-1987

Professor of Education

PAUL L. SIMON 1963-2002

Professor of History

DAVID L. SMITH 1981-2007

Associate Professor of Communication Arts

JAMES M. SOMERVILLE 1971-1982

Professor of Philosophy

KANDI M. STINSON 1988-2023

Professor, Sociology

CYNTHIA A. SUBLETT 2008-2016

Associate Professor of Nursing

JOSEPH M. SULLIVAN 1967-1993

Professor of Education

JOHN SURDICK 1986-2012

Professor of Accountancy

JOHN F. TAFURI 1951-1990

Professor of Biology

DEBORAH TESCH 1999-2017

Associate Professor of Management Information Systems

TRUDELLÉ H. THOMAS 1987-2018

Professor of English

STANLEY C. TILLMAN SJ 1969-1987

Professor of Philosophy

TERRENCE P. TOEPKER 1966-2007

Professor of Physics

ANN MARIE TRACEY 2003-2017

Associate Professor of Legal Studies

GEORGE G. TREBBI JR 1973-2004

Professor of Marketing

JAMES TURNER 2006-2017

Associate Professor of Management, Entrepreneurship & HR

EDWARD J. VANDERBECK 1976-2007

Professor of Accountancy

JOHN E. VANKIRK 1971-1995

Professor of Marketing

MATIAS G. VEGA 1954-1994

Professor of Modern Languages

JANICE B. WALKER 1980-2022

Associate Professor, Mathematics

MARY WALKER 1990-2016

Professor of Marketing

PETER B. WEBB 1968-1995

Associate Professor of Information Systems

MICHAEL WEBB 1997-2015

Professor, Economics

SHELLY E. WEBB 1992-2019

Professor of Finance

JOSEPH WESSLING 1966-2000

Professor of English

TYRONE WILLIAMS 1983-2022

Professor of English

EDWARD WILZ 1986-1995

Professor of Accounting

CAROL L. WINKELMANN 1991-2023

Professor, English

KAM C. WONG (2006-2018)

Associate Professor of Criminal Justice

ROBERT E. WUBBOLDING 1969-2001

Professor of Education

ROBERT ZIMMERMAN 1970-2003

Professor of Economics & Human Resources

\*\*\* Dates represent years of service to Xavier.

#### **University Librarians**

ARPI C. Anderson (2022)

BA, MM, MLIS (Kent State University)

Metadata and Cataloging Librarian

MICHELLE EARLY (1995)

BA, MLS (University of Kentucky)

## Head of Library Systems

KENNETH E. GIBSON (2014)  
BFA, MSLS (University of Kentucky)  
Director of University Library

JAMES GREEN (2015)  
BA, MA, MSLS (University of Kentucky)  
Head, User Experience and Assessment

JEFF GROSSMAN (2019)  
BA, MLIS (University of Wisconsin-Milwaukee)  
Head, Collection Services

MEGAN KICKBUSH (2019)  
BS, MLIS (Wayne State University)  
Head, Access Services

ALISON W. MORGAN (2002)  
BA, MSLS (University of Kentucky)  
Assistant Director, Public Services

CHRISTINE MUELLER (2004)  
BA, MLIS (Kent State University)  
Instruction and Reference Librarian

ANNE M. RYCKBOST (2016)  
BA, MSLS (University of Kentucky)  
University Archivist and Special Collections Librarian

KATY TUCKER (2019)  
BA, MLIS (University South Carolina)  
Acquisitions Librarian

LESLIE WHITFORD (2022)  
BA, MLIS (University South Carolina)  
Digital initiatives Librarian

## American Jesuit Colleges and Universities

| State             | Institution                   | City          | Founding Date |
|-------------------|-------------------------------|---------------|---------------|
| Alabama           | Spring Hill College           | Mobile        | 1830          |
| California        | Loyola Marymount University   | Los Angeles   | 1911          |
|                   | University of San Francisco   | San Francisco | 1855          |
|                   | Santa Clara University        | Santa Clara   | 1851          |
| Colorado          | Regis University              | Denver        | 1877          |
| Connecticut       | Fairfield University          | Fairfield     | 1942          |
| Dist. of Columbia | Georgetown University         | Wash. D.C.    | 1789          |
| Illinois          | Loyola University Chicago     | Chicago       | 1870          |
| Louisiana         | Loyola University New Orleans | New Orleans   | 1912          |
| Maryland          | Loyola University in Maryland | Baltimore     | 1852          |
| Massachusetts     | Boston College                | Boston        | 1863          |
|                   | College of the Holy Cross     | Worcester     | 1843          |
| Michigan          | University of Detroit Mercy   | Detroit       | 1877          |
| Missouri          | Rockhurst University          | Kansas City   | 1910          |
|                   | Saint Louis University        | Saint Louis   | 1818          |
| Nebraska          | Creighton University          | Omaha         | 1878          |
| New Jersey        | Saint Peter's College         | Jersey City   | 1872          |
| New York          | Canisius College              | Buffalo       | 1870          |
|                   | Fordham University            | New York      | 1841          |
|                   | Le Moyne College              | Syracuse      | 1946          |
| Ohio              | John Carroll University       | Cleveland     | 1886          |
|                   | Xavier University             | Cincinnati    | 1831          |
| Pennsylvania      | Saint Joseph's University     | Philadelphia  | 1851          |
|                   | University of Scranton        | Scranton      | 1888          |
| Washington        | Gonzaga University            | Spokane       | 1887          |
|                   | Seattle University            | Seattle       | 1891          |
| West Virginia     | Wheeling Jesuit University    | Wheeling      | 1954          |
| Wisconsin         | Marquette University          | Milwaukee     | 1881          |

(Seminaries and high schools are not included in this list.)

## **Alma Mater**

### **Alma Mater Xavier**

**Xavier is our family tree,  
Rooted in one history.  
Nurtured by our legacy,  
Xavier's humble pedigree  
Branches out to touch the same  
God we call by many names,  
And aglow in love aflame,  
Bear the fruit of Xavier's fame.**

**Fame that no one can impeach  
Growing to extend our reach,  
Planting fertile seeds in each  
Soul and mind we serve and teach.  
One community we stand,  
Building dreams and hopes with hands  
Stretching out across the land  
For each woman, child and man.**

*Composed by Dr. Thomas Merrill and Dr. Tyrone Williams  
in celebration of Xavier University's 175th anniversary.*