

## Catalog Home

# Welcome to the Online Catalog

Whether you are a prospective student, current student, or faculty or staff member at Xavier University, this online catalog is a powerful tool to help you quickly locate information regarding Xavier's programs, courses, policies, and procedures.

## My Folder

By clicking on the "Add to Folder" link on any program, course, or policy, you can store information that is important to you. Register your own password to save your info, then return later to the **My Folder** link in the navigation bar, and start where you left off.

## Purpose of the 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 2016-2017 edition includes academic and programmatic requirements for students entering the university during the fall 2016, spring 2017, and summer 2017 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, though, 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](#)

To Use the Streamlined Schedule of Classes: please click the Self-Service link within the [Xavier Student Hub](#) or the [Xavier Employee Hub](#)

## Looking for a Different Catalog?

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

# Archived Xavier University Undergraduate and Graduate Catalogs 1998-2016

## Previous editions of the Xavier University Undergraduate and Graduate Catalogs are available in PDF format below.

Please note that due to the size of the files, it may take a few minutes for the file to open.

- 2015-2016 Xavier University Undergraduate and Graduate Catalog
- 2014-2015 Xavier University Undergraduate and Graduate Catalog
- 2013-2014 Xavier University Undergraduate and Graduate Catalog
- 2012-2013 Xavier University Undergraduate and Graduate Catalog
- 2011-2012 Xavier University Undergraduate and Graduate Catalog
- 2010-2011 Xavier University Undergraduate and Graduate Catalog
- 2008-2010 Xavier University Undergraduate and Graduate Catalog
- 2006-2008 Xavier University Undergraduate and Graduate Catalog
- 2004-2006 Xavier University Undergraduate and Graduate Catalog
- 2002-2004 Xavier University Undergraduate and Graduate Catalog
- 2000-2002 Xavier University Undergraduate and Graduate Catalog
- 1998-2000 Xavier University Undergraduate and Graduate Catalog

## A Message from the President

Welcome to Xavier University. We are a comprehensive university offering a wide range of undergraduate and graduate degree programs. As 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.

We provide many opportunities for academic and community service learning. Our outreach programs enhance and complete the educational enterprise through an inclusive environment of open and free inquiry, used to prepare students for a world that is diverse, complex and increasingly interdependent. 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 develop skills to become successful and achieve their goals. Students learn and alumni come to live the value of their education, which is ultimately service to those around them, especially to the poor. We are proud to serve as an educational and cultural resource for Cincinnati, our surrounding communities and, indeed, for the entire world into which our students will go and find their futures. Learn more about Xavier. I am confident you will like what you find.

Cordially,

Michael J. Graham, S.J.  
President

## 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](#)

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

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.

## 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 diverse, complex and interdependent. 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.

## 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.

## 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 and pre-professional learning environment, which educates each student intellectually, morally and spiritually.

## Accreditation

Xavier University is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. Xavier has been continuously accredited by the Commission since 1935. The Commission may be contacted via their website at <http://www.ncahlc.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 Board of Regents as a degree-granting institution, and is approved by Department of Education of State of Ohio for teacher certification, and counseling. The Athletic Training Education program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The Sport Management program is accredited by the Commission on Sports Management Accreditation. The Chemistry program is recognized by the American Chemical Society (ACS) for its training in chemistry. The School of Nursing is approved by the Ohio Board of Nursing for its nursing programs, and accredited by the Commission on Collegiate Nursing Education (CCNE) for its MSN and BSN programs. The BSN program, RN to MSN and the Master of Science in Nursing: direct entry as a second degree (The MIDAS program) are endorsed by the American Holistic Nursing Certification Corporation. Xavier is accredited by the Council on Social Work Education (CSWE) for its baccalaureate social work program, and by the Joint Review Committee on Education in Radiologic Technology (JRCERT) for its radiologic technology 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). 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 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 Teacher Education Accreditation Council (TEAC). The graduate program in health services administration is accredited by the Commission on the Accreditation of Health Management Education (CAHME). 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.

## 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 Theta Tau* Sigma Theta Tau is an international honor society for nursing students.

## 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 League for Nursing; National Organization on Legal Problems of Education; 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.

## 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.

## The University

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- [Institutional Memberships](#)
- [Assessment](#)

## Mission Statement

Xavier University's mission is to educate. Its essential activity is the interaction of students and faculty in an educational experience characterized by critical

thinking and articulate expression with special attention given to ethical issues and values.

Xavier is a Catholic institution in the Jesuit tradition, and urban university firmly rooted in the principles and convictions of the Judeo-Christian tradition and in the best ideals of the American heritage.

Xavier is an educational community dedicated to the pursuit of knowledge, to the orderly discussion of issues confronting society and, as would benefit an American institution grounded in the humanities and sciences, Xavier is committed unreservedly to open and free inquiry.

Xavier, while primarily an undergraduate institution emphasizing the liberal arts, is also committed to providing graduate and professional education in areas of its demonstrated competence and where it meets a particular need of society, especially of Xavier's regional constituency. Faculty members, moreover, are strongly encouraged to engage in research outside the classroom in order to maintain the professional standing of the institution.

With attention to the student as an individual, Jesuit education seeks to develop:

1. Intellectual skills for both a full life in the human community and service in the Kingdom of God;
2. Critical attention to the underlying philosophical and theological implications of the issues;
3. A world view that is oriented to responsible action and recognizes the intrinsic value of the natural and human values;
4. An understanding and communication of the moral and religious values through personal concern and lived witness, as well as by precept of instruction; and
5. A sense of the whole person- body, mind, and spirit.

In keeping with the Jesuit tradition, Xavier believes that religious insights are complementary to the intellectual life, and that a continuing synthesis of the Christian perspective with all other forms of human knowledge is conducive to wisdom and understanding. Xavier shares in worldwide Jesuit commitment to a creative and intelligent engagement with questions of peace and justice.

Xavier aims to provide all students with a supportive learning environment which offers opportunities for identifying personal needs, setting goals, and developing recreational and aesthetic interests and skills for daily living and leadership. The self-understanding and interpersonal development that result are vital corollaries to a student's academic development.

Xavier believes that these goals can be achieved only through academic programs of high quality that are served by faculty devoted primarily to excellence in teaching, are nurtured by scholarship and research and are supported by a broad range of university and student life programs.

## History

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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 Social Sciences, Health, and Education as well as the Center for Adult and Part-Time Students (CAPS)—provides 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, facilities, 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.

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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 continued to grow physically, academically, financially, and spiritually. Among Hoff's accomplishments were:

- Raising of the endowment from \$24 million to \$86 million.
- Constructing the Cintas Center, the Gallagher Student Center, the Clement and Ann Buenger residence hall, the Commons apartment building, and the Lindner Family Physics Building.
- Creating the residential and academic malls.
- Renovating Schmidt, Hinkle, and Edgecliff halls.
- Joining the Atlantic 10 Conference for athletics.
- Achieving a consistent position among the top regional colleges and universities, as ranked by *U.S. News & World Report*.
- Earning recognition from the John Templeton Honor Roll for Character-Building Colleges.
- Creating the academic service-learning semesters.
- Creating the Brueggeman Center for Dialogue.
- Creating the doctoral program in psychology, Xavier's first doctoral-level course of study and the second Psy.D. program in Ohio.
- Creating the weekend degree program.
- Creating the national alumni association.
- Increasing academic standards for incoming students (average SAT scores from 973 to 1134, GPAs from 2.9 to 3.46).

In the fall of 2001, Michael J. Graham, S.J., was inaugurated as Xavier's 34th president. Under his leadership, the University continued its growth pattern following the crafting of a new overall strategic plan, a new academic vision statement, and a new campus master plan. Physically, the University grew to more than 152 acres and installed wireless Internet connections throughout campus. Academically, the University earned new recognition from *The Princeton Review* for being one of the nation's best universities as well as having one of the nation's best business colleges, and from *Forbes.com* for being one of the most entrepreneurial undergraduate campuses in the nation. In addition, Xavier continued to earn more praise from *U.S. News & World Report* for being one of the best master's-level institutions in the Midwest. Financially, the endowment grew to more than \$100 million prior to the September 2006 launch of The Campaign for Xavier, the most ambitious fundraising campaign in the University's history. That campaign includes plans to grow Xavier in many ways, such as the development of new academic buildings, a learning commons, new residence halls, and even retail space.

In 2006, the University 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.

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## Accreditation

Xavier University is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. Xavier has been continuously accredited by the Commission since 1935. The Commission may be contacted at: 30 N. LaSalle Street, Suite 2400, Chicago, Illinois 60602-2504, 1-800-621-7440. Xavier University is also accredited by the Ohio Board of Regents as a degree-granting institution, and is approved by Department of Education of State of Ohio for teacher certification, and counseling. The Athletic Training Education program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The Sport Management program is accredited by the North American Society for Sport Management – National Association of Sport & Physical Education (NASSM-NASPE). The American Chemical Society (ACS) for its training in chemistry. Approved by the Ohio Board of Nursing for its nursing programs, and accredited by the Commission on Collegiate Nursing Education (CCNE) for its MSN and BSN programs. The BSN program, RN to MSN and the Master of Science in Nursing: direct entry as a second degree (The MIDAS program) are endorsed by the American Holistic Nursing Certification Corporation. Xavier is accredited by the Council on Social Work Education (CSWE) for its baccalaureate social work program, and by the Joint Review Committee on Education in Radiologic Technology (JRCERT) for its radiologic technology 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). 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 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 Teacher Education Accreditation Council (TEAC). The graduate program in health services administration is accredited by the Commission on the Accreditation of Health Management Education (CAHME). The Williams College of Business is accredited by the Association to Advance Collegiate Schools of Business International (AACSB International).

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.

## 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.

*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 Theta Tau* Sigma Theta Tau is an international honor society for nursing students.

## Institutional Memberships

The University maintains memberships in these educational and learned organizations: Academy of Criminal Justice Sciences; Academy of Political Science; American Academy of Political and Social Science; American Academy of Religion; American Art Therapy Association; American Association for Higher Education; 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 Catholic Philosophical

Association; American Classical League; American College Personnel Administrators; American Correctional Association; American Council on Consumer Interests; American Council on Education; American Council on Teaching of Foreign Languages; American Film Institute; American Historical Association; American Library Association; American Management Association; American Mathematical Society; American Montessori Society; American Psychological Association; American Occupational Therapy Association; American Political Science Association; American Production and Inventory Control Society; American Society for Training and Development; 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 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; 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; College and University Personnel Association; The College Board; College English Association of Ohio; College Theology Society; Conference on Partnership in Jesuit Higher Education; Consortium on Peace Research Education and Development; Council for Advancement and Support of Education; Council of Colleges of Arts and Sciences; Council on Undergraduate Research; Economic History Association; Greater Cincinnati Chamber of Commerce; 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; 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; 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 College and University Business Officers; National Association of Elementary School Principals; National Association of Foreign Student Advisors; National Association of Graduate Admissions Professionals; National Association of Independent Colleges and Universities; National Association of Secondary School Principals; National Association of Student Financial Aid Administrators; National Association of Student Personnel Administrators; 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 League for Nursing; National Organization on Legal Problems of Education; National School Board 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; Ohio Academy of Sciences; Ohio Assembly of Deans & Directors of Baccalaureate and Higher Degree Programs; Ohio Association of College Admission Counseling; 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; Royal Historical Society; 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; Teachers of English to Speakers of Other Languages; The Tuition Exchange; World Trade Association.

## 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.

## 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 15 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 28 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 83 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 57 areas of study. In addition, Xavier offers comprehensive preparation for admission to

professional schools in the areas of medicine, dentistry, veterinary, optometry, and pharmacy. Graduate programs are offered in 30 areas, including a doctorate in psychology and a doctorate of education in Leadership Studies. Xavier also offers several certificate programs.

**Enrollment:** Approximately 7,000 students with about 4,540 undergraduates, and 2,405 graduate students. More than 85 percent of the freshman and sophomore students live on campus. Of the full-time undergraduates, 47 percent are men and 53 percent are women. Students come here from more than 46 states and 43 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 27; SAT composites from 990 to 1180. More than 85 percent rank in the top half of their high school class. Approximately 90 percent live on campus in our modern residential facilities. The average freshman retention rate is 85 percent.

**Faculty:** Xavier has 343 full-time faculty and 323 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 18 varsity sports and a member of the prestigious Atlantic 10 Conference. Sports include men's and women's basketball, cross country, golf, soccer, swimming, tennis, track, baseball, and women's volleyball. Club sports include boxing, crew, cycling, field hockey, ice hockey, lacrosse, martial arts, ultimate Frisbee, rugby, soccer, volleyball, fencing, sailing, snow skiing, and wrestling. Intramural programs are available in more than 30 sports including basketball, racquetball, volleyball, floor hockey, golf, 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.

## Academic Calendar

### Fall Semester 2016

Date	Event
August 22	Full Term Classes begin
August 28	Last day for late registration or changes in registration for full-term classes.
September 5	<b>Labor Day Holiday</b> , University closed.
September 30	Deadline to submit Application for Graduation for Fall 2016 graduation.
October 6 - 7	Fall Holiday, day classes do not meet; 4:00 p.m. & after non-lab classes do meet..
November 21	Final day for withdrawal from full-term classes for Undergraduate students.
November 23 - 27	<b>Thanksgiving Holiday</b> , classes do not meet
November 24 - 27	<b>Thanksgiving Holiday</b> , University closed.
December 9	Last day of full-term classes. Final day for withdrawal from full-term classes for Graduate students.
December 10 - 11	Study Weekend
December 12 - 15	Final Examinations
December 16	Last day of Fall Semester. Final Exam Make Up Day. Official Fall 2016 graduation date.
December 19	Final Grades Due
December 24, 2016 through January 2, 2017	University offices closed in observance of Christmas/New Year holidays.

### Spring Semester 2017

Date	Event
January 9	Full-term classes begin
January 15	Last day for late registration or changes in registration for full-term classes.

January 16	<b>Martin Luther King Jr. Holiday</b> , University closed.
January 20	Deadline to submit Application for Graduation for Spring 2017 graduation.
March 6 - 10	Spring Break. No classes March 6 - 10.
April 10	Final day for withdrawal from full-term classes for Undergraduate students.
April 13 - 17	<b>Easter Holiday</b> , No classes April 13 - 17, with the exception of Monday once-a-week classes, which will meet on April 17. University Closes at 3PM on April 13 and reopens on April 18.
April 28	Last day of full-term classes. Final day for withdrawal from full-term classes for graduate students
April 29 - 30	Study Weekend
May 1 - 4	Final Examinations
May 5	Last day of Spring Semester. Final Exam Make Up Day. Official Spring 2017 graduation date.
May 8	Final Grades Due
May 13	Commencement

## Summer Semester 2017

Date	Event
May 15	Summer sessions begin.
May 26	Deadline to submit Application for Graduation for Summer 2017 graduation.
May 29	<b>Memorial Day Holiday</b> , University closed.
June 26	1st Session final grades due.
July 4	<b>Independence Day</b> , University closed.
August 4	Official Summer 2017 graduation date.
August 7	2nd Session final grades due.

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

## 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 as well. 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 StudioAbroad, 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, Fredin Scholarship, 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.

### Solidarity Semester: Nicaragua

<http://www.xavier.edu/solidarity-semester/index.cfm>

Phones 513-745-2864 Fax 513-745-2876

Center for International Education, Gallagher Student Center, Room 230

A primary goal of the entire semester is integration of the academic study with the experience of service. The academic component provides students with knowledge of the culture, religion, history, government and economics of Nicaragua and Central America, with an emphasis on issues of social justice. The service component functions as the medium through which learning occurs by placing all study in the context of living and working with the economically poor.

During the first week of their semester, and prior to departing, there is an orientation as well as classes. For the next 12-13 weeks, the students have classes both with Xavier professors and professors on-site. Students participate in academic-related travel and engage in service activities. Finally, students spend the last two weeks of the semester completing assignments and concluding an overall reflection about their experience.

### **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.

### **Learning Assistance Center**

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

513.745.3280

5th Floor, Conaton Learning Commons

The Learning Assistance Center (LAC) provides support services to facilitate learning. The LAC has two main purposes: tutoring and disability services. Our tutoring services include subject specific tutoring, drop-in sessions, study skills assistance, and Supplemental Instruction (SI). For students with documented disabilities, our disability services provides accommodations such as extended time on exams, reduced distraction testing environment, note-taking assistance, and assistive technology. We provide these services in a positive and encouraging environment which promotes appreciation for diversity and Cura Personalis.

### **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.

### **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 and Parent/Family Outreach**

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

513.745.3036 phone 513.745.3403 fax

Conaton Learning Commons (CLC), 5th floor

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

The Office of Student Success and Parent/Family Outreach facilitates student intervention efforts and works with the various campus Solution Centers to foster student persistence and success. The success coaches assist students and their families in the resolution of academic, financial, and adjustment concerns. The staff communicates with students and their parents/family through P.R.E.S.S. (Professor's Report to Engage Student Success - an early alert process), midterm grade mailers to the parents/family of first-year students, the Parent Family Advisory Board (P/FAB), and regular updates through the office website, the parent/family website, and Muskie Family News (an e-Newsletter). The staff is available to meet with all students by appointment or on a walk-in basis.

### **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, Wellness, and Safety Resources

## Campus Dining

[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 Hoff," located in Fenwick Place, is open to all students, faculty, and staff for breakfast, lunch, and dinner seven days a week during the academic year. Five award-winning main food platforms were designed just for you. Students will find multiple entree options each day to meet their various needs. Our Queen City Market salad bar is always fresh and even offers daily specials for vegans and

students with gluten intolerance. The seven foot Wood Stone pizza oven at the Fireside Cookery turns out almost 125 pizzas each day from fresh dough made by our Pastry Chef in the bakery.

The University also partners with local businesses to bring a variety of retail food venues to campus that are considered as Best in Cincinnati eateries. In total, students will find seven additional dining options on campus including Blue Gibbon, Coffee Emporium, Ryan's Pub and Subway in Gallagher Student Center; Currito Burrito located in Fenwick Place; and Bull Market Cafe at Smith Hall. Daily menus and hours of operation can be found online at [xavier.edu/dining](http://xavier.edu/dining).

The University also offers a variety of Meal Plan options to the Xavier University Community, usable during the academic semesters. While all residence hall students are required to purchase a meal plan, meal plans are also popular with students living in campus apartments and commuter students living off campus. Students with special dietary restrictions or food allergies should contact Xavier Dining to discuss their specific needs.

### **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](#).

### **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 violence, relationship violence, and other forms of gender-based harassment or violence. Xavier University does not tolerate sex discrimination. If a student believes she or he has experienced sex discrimination or has questions about Title IX, please contact Xavier's Chief Title IX Officer Kate Lawson at 513-745-3046 or visit [Xavier's Title IX Office](#) website. For 24/7 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.

#### **Interfaith Community Engagement**

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

513.745.3780

The Office of Interfaith Community Engagement works to create and strengthen a sense of community among individuals of diverse faiths on campus, in Cincinnati, and on the regional and national levels.

Located in Gallagher Student Center, the office is a student-centered initiative that both allow individuals to deepen their personal faith and enhance their understanding of other traditions. Further, it serves the larger community in areas of social justice, shared religious teachings, and leadership development.

#### **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
- Dialogue amongst diverse constituents about complex social issues
- Reflection and discernment
- Leadership development for ministry and the common good

## Additional Resources for Students

### Multicultural, Gender and Women's Center

513.745.3181

2nd Floor, Gallagher Student Center

The Multicultural, Gender and Women's Center aligns research, resources and expertise to attract and retain diverse students, faculty and staff. The Center supports University constituents as they explore and articulate their own identities, as they engage difference to inform and form their own values and will prepare students to lead in an increasingly interconnected and complex world.

Leading Goals"

1. Foster Learning and Community. Engaging gender and diversity is a catalyst of learning. The Center increases engagement of and across difference to promote understanding, challenge assumptions and increase interpersonal competencies.
2. Institutionalize Partnerships with Under-Represented Student Populations. With a comprehensive mission, the Center is equipped to engage with a wide array of under-represented students. The Center empowers participants and serves as a vehicle to educate and celebrate culture and identity.
3. Promote Intergroup Engagement. Bringing many student constituencies under one roof, while ensuring space for the development of particular affinity groups, the Center fosters engagement and relationship building across difference.
4. Change the Campus Climate through Education and Training. Through campus programming, the Center increases awareness of challenges we face and equip individuals and groups to change our campus (through engaging knowledge, attitudes and behaviors). The Center also proactively helps to surface problems so that we can proactively engage them.
5. Engage Faculty, Inspire Research and Ensure Evidence-Bases Action. The center catalyzes and coordinates faculty research to inform and assess Xavier practices and policies that increase student success, Diversity and equity.

### 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.

### Financial Aid

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

513.745.3142

1st Floor, Schott Hall

The Office of Financial Aid's purpose is to provide the best possible service and information to students seeking to finance a Xavier education. The Office of Financial Aid 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 contact the Office for application materials and individual counseling.

### **Intensive English Program (ESL)**

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

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

phone 513.745.2847 and 513.745.2842

Schott Hall Room 740

The Intensive English program offers language instruction for international students who have the goal of entering American colleges and universities or improving their ability to use English for professional purposes. The program is accredited by the Commission for English Language Program Accreditation (CEA), and it holds membership in the American Association of Intensive English Programs (AAIEP). ESL students at Xavier University receive instruction in English language and academic skills, including grammar, reading, composition, listening and pronunciation. In addition, optional electives such as speaking, TOEFL preparation, and oral fluency are available on a rotating basis. Please note that admission to the ESL program does not guarantee admission to a degree program at Xavier University; a separate application must be made for a degree program.

For more information on the Intensive English Program, please see English as a Second Language Program (ESL)

For information on the English as a Second Language Bridge Program, please see English as a Second Language (ESL) Bridge Program .

### **Mailing Services**

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

513.745.3558

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

The Mailing Services Center is located in the [Campus Services Building](#) and is a full service U.S. Postal Contract Station offering a full range of mailing and packaging services, including first-class, standard, ground, and express services. The Xavier Mail Center also serves as the main pick-up and drop-off location for 3rd party shipping solution companies such as FedEx, UPS, as well as delivery of edible and floral arrangements to the campus community.

The Mailing Services Center has regular business hours Monday - Friday from 8:30 a.m. until 5:00 p.m., excluding university holidays and closings. The lobby is accessible to mail box holders Monday - Sunday until 8:00 p.m. via the University ALL Card to enter.

All students living in the Xavier University Campus residence halls and apartments are assigned a mail box located in the Mailing Services Center. Mailbox assignments and access combinations are listed online once a student is assigned housing for the academic semester. Student mail is received during normal business hours and sorted into the mail boxes on the same day. Mail for non-residential students is returned or forwarded according to the U.S. Postal Guidelines. Student packages are received during normal business hours and they are logged in a timely manner for accuracy and accountability. Student package recipients are sent an email notification for any incoming package that has arrived that day, as well as reminder emails for aging packages are sent weekly.

### **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. 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 Fenwick Place

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

The Office of Residence Life provides many learning opportunities in a unique living environment. A fulltime, Masters degree-level Hall Director lives and works in each of the residence halls. The student staff is comprised of Senior Resident Assistants and Resident Assistants (RAs) who serve as peer helpers to the residents. The Residence Life staff strive to create a community atmosphere through social and educational programming.

The Commons Apartments, Village Apartments, University Apartments, Manor Apartments, and 1019 Dana Apartments provide on-campus housing options for upper-division students. The apartments are managed by an Apartment Director who is a full-time Masters degree-level staff member.

## Student Identification Card (ALL Card)

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

513.745.3374

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

The student identification card, ALL Card, is required for all full-time and part-time students. ALL Cards are provided through the Office of Auxiliary Services in the [Musketeer Mezzanine](#) at Fenwick Place. The card is 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, meal plans and door access. In addition to serving as your identification card for easy access to campus facilities and programs, the ALL Card is used through its X Cash program, as a prepaid cash card to pay for on-campus services such as: bookstore, food services, copying, library fees, and vending.

The ALL Card technology even includes the student's ability to integrate U.S. Bank's complete banking as well as Internet banking services with Xavier's financial services system.

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

## University Conduct

513.745.3202

Consisting of two hearing boards, the Conduct Review Board and the University Discipline Board, the judicial process considers cases that occur off-campus as well as on-campus. Both boards hold students responsible and accountable for behaviors which are alleged to be inappropriate as reported to the University or have violated the published code of student conduct or the standards for off-campus living. Typically, the University Discipline Board hears cases that are considered to have a profound impact on the University community and where suspension or expulsion may be an option. The Conduct Review Board hears cases that include sanctions up to an including probation. The membership of both boards is comprised of students, faculty, and staff.

## 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 November 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.

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 Xavier University paper application, which may be printed at [www.xavier.edu/apply](http://www.xavier.edu/apply).
  - c. The Common Application online (no fee) at [www.commonapp.org](http://www.commonapp.org).
  - d. The Common Application paper version available at your high school.
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.
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.
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 be submitted with permission from the Office of Admission.
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/>.

## 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.

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 I exams; 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

<http://www.xavier.edu/transfer-and-adult>

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 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 International Application for Admission in either the paper or online format 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)

Students who want to improve their English skills can enroll in Xavier's ESL (English as a Second Language) program. To enter degree programs, undergraduate ESL students at Xavier are required to obtain a TOEFL score of 550 (or equivalent) plus a "B" average in ESL courses.

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 <http://www.xavier.edu/undergraduate-admission/admission-process/Homeschooled-Students.cfm>

## 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 [xavier.edu/transfer-and-adult](http://xavier.edu/transfer-and-adult)

## 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 <http://www.xavier.edu/summer/> for more information.

## Jump Start

A special two-week, residential program for high-school sophomores and juniors who are interested in studying pre-medicine or forensic science and experiencing life on campus. See <http://www.xavier.edu/summer/> for more information.

## Admission Process for Adult Students

Adult students have been out of high school four or more years and have less than 12 credit hours of transfer courses. The following steps are required for admission:

1. Complete free on-line application at [xavier.edu/transfer-and-adult](http://xavier.edu/transfer-and-adult)
2. Essay 250 - 500 word essay included with application submission.
3. Request High school transcripts and/or G.E.D. test scores to be sent to admission office..
4. An official transcript for each previously attended college or university.

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.

## Freshman Admission for Non-Traditional Students

Factors considered in making admission decisions for non-traditional students (students who have not been out of high school more than four years) who have not previously attended a college or university 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 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 [xavier.edu/transfer-and-adult](http://xavier.edu/transfer-and-adult). 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.

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 regional accrediting associations listed below:

1. MSA - Middle States Association of Colleges and Schools Commission on Higher Education
2. NCA-North Central Association of Colleges and Schools 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'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 the AP chart at <http://www.xavier.edu/undergraduate-admission/admission-process/ap-ib-credit.cfm>. 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 <http://www.xavier.edu/undergraduate-admission/admission-process/ap-ib-credit.cfm>.

## **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 <http://www.xavier.edu/undergraduate-admission/admission-process/ap-ib-credit.cfm>. 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 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 Life and Leadership.

## 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.

## 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  
[MBAADMIT@xavier.edu](mailto:MBAADMIT@xavier.edu)

### Master of Science in Nursing Program

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

### Psychology Graduate Program

513 745-1053  
[MAYBURY@xavier.edu](mailto:MAYBURY@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. Non-degree admission is not available for the MBA program.

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 Business Administration applicants - Graduate Management Admission Test (GMAT) or the Graduate Record Exam (GRE);
  - b. Master of Health Services Administration applicants - Graduate Management Admission Test (GMAT) or Graduate Record Exam (GRE);
  - c. Master of Science in Nursing applicants - Graduate Record Exam (GRE) or Graduate Management Admission Test (GMAT) is accepted;

- d. Occupational Therapy - Graduate Record Exam (GRE);
  - e. Doctor of Psychology and Master of Arts in Industrial/Organizational Psychology and 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;
  - f. 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 or the MS in Human Resource Development. The MA program in English requires either the GRE or two academic letters of reference. 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.
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, School Counseling, Clinical Mental Health Counseling, Educational Administration, and Reading. 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 from the Office of The Graduate School. The current application fee must accompany the application form.
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. To be considered for the School Counseling or Clinical Mental Health Counseling licensure program, you must also submit a 500 word statement of purpose and a resume.
6. 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).
7. A statement of moral character must be signed and notarized
8. 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

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

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. Students who want to improve their English skills can enroll in Xavier's English as a Second Language (ESL) program. To enter graduate degree programs, graduate ESL students need to obtain a TOEFL score of 550 (or a computer based test score of 213 ) and an average of "B" in ESL courses; and meet all other admission requirements. 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.
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.

## 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 seeking 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.

## Doctor of Education (Ed.D.) in Leadership Studies

Students who have completed post-master's coursework equivalent to an Ed.D. program at accredited institutions may receive some credit toward a portion of the fulfillment of the Ed.D. leadership, research and cognate courses. In all cases, a minimum of 45 hours of the required 60 for the Ed.D. degree must be completed at Xavier University. Courses graded on a pass/fail basis, or the equivalent, will not be accepted as transfer credit. Petitions for transfer of credit will be evaluated individually and will only be granted with the recommendation of the Dean, Associate Dean or department/program chair.

## 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.

## 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 Aid

The purpose of the Office for Student Financial Assistance is to provide the best possible service and information to students financing 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., and Saturdays by appointment, 513 745-3142. Email address is: [xufinaid@xavier.edu](mailto:xufinaid@xavier.edu)

## Standards of Academic Progress

*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. Standards of satisfactory academic progress were established to encourage students to *successfully complete* courses for which federal financial aid is received, and to progress satisfactorily toward degree completion. *Successful completion* of a course for undergraduates is defined as receiving one of the following grades: A, A-, B+, B, B-, C+, C, C-, D+, D, or S. Successful completion of a course for graduate students is defined as receiving one of the following grades: A, A-, B+, B, B- or C.

The standards apply to Federal financial aid programs, including Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal Work Study, Federal Perkins Loan, Federal Direct Stafford Loan, 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 academic progress are cumulative grade point average, cumulative completion rate (or pace), and maximum time frame for completion of educational objective. At the end of spring semester, the Office of Student Financial Assistance reviews students' academic progress. 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 grade point average of 1.750.
- Undergraduates at the sophomore level and above must achieve a minimum cumulative grade point average of 2.000.
- Graduate students must achieve a minimum cumulative grade point average 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). This is measured annually and on a cumulative basis. Transfer hours are included.

### Maximum Time Frame for Completion of Educational Objective

Students must complete their degree program within 150% of the published length of their degree program. For example, if a major requires 120 credit hours to graduate, a student could not receive financial aid beyond 180 credits attempted (including transfer hours) whether or not financial aid was received for those credits.

### Incomplete Grades

Incomplete grades are calculated as an "F" until the incomplete grade is changed to a complete grade.

### Multiple Retakes - 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 is only counted once as attempted hours.

### 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 who was enrolled in remedial course work does not maintain the minimum academic standards and he or she requests an appeal, the financial aid appeal committee will take into consideration the courses in which the student was enrolled.

## Transfer Hours

Transfer hours that are 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 Degrees

Students who enroll in a second bachelor degree program 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.

## Timing of Reviews

Current financial aid recipients will have their academic progress reviewed at the end of the academic year. New financial aid recipients (i.e., those students who had never previously applied for aid) will have their academic progress reviewed when the Office of Student Financial Assistance receives the results of the Free Application for Federal Student Aid (FAFSA).

At the time of the review students who are not meeting the minimum requirements will be placed on financial aid suspension.

## Financial Aid Suspension

Students who are placed on financial aid suspension are ineligible for financial aid for subsequent enrollment periods. During suspension students may be permitted to attend Xavier at their own expense to demonstrate academic progress.

## Appeals

Appeal is a process by which a student who is not meeting the institution's satisfactory academic progress standards petitions the institution for reconsideration of the student's eligibility for Title IV, HEA program assistance. Students on financial aid suspension may appeal the loss of aid if extenuating circumstances prevented the students from making satisfactory progress. Circumstances which are considered extenuating are those which are unusual and/or unforeseen at the beginning of the enrollment period, such as: injury or illness of the student, death of a close relative, or other situations which were unexpected and beyond the student's control. Allowances may also be made for students who have a documented disability. The appeal must include description of the circumstances and what has changed that will allow the student to make SAP at the next evaluation. Appeals must be made in writing to the Financial Aid Standards of Academic Progress Appeals Committee using the SAP Appeal Form available on the Xavier website. Students are notified in writing of the results of their appeal. The possible appeal results are listed below.

## Approved Appeals - Probationary Status

Students who appeal may be granted a probationary period. At the end of a probationary period, students must be meeting the satisfactory academic progress requirements or must be successfully meeting requirements of an academic plan in order to continue to receive financial assistance..

## Denied Appeals - Reinstatement of Eligibility

If an appeal is denied, students may choose to attend Xavier at their own expense while on financial aid suspension. They will not be automatically eligible for financial aid upon seeking reinstatement. Students must be meeting the academic progress standards in order to regain federal student aid eligibility for subsequent enrollment periods. A minimum of six credit hours earned at Xavier must be completed in order to be considered for reinstatement.

## Information Sources

Information concerning university-sponsored scholarships and grants is available from the following sources:

1. Undergraduate degree programs: the Office of Student Financial Assistance.
2. Reserve Officers' Training Corps (ROTC) Scholarships: the Professor of Military Science.
3. Athletic Grants-in-Aid: the Director of Athletics.

## Xavier Scholarships

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

Xavier offers scholarships in the following areas:

- Academic
- Service
- Performing & Visual Arts
- Alumni
- Multicultural
- Special
- Athletic
- ROTC
- Returning Students

For detailed information regarding each type of scholarship, visit <http://www.xavier.edu/undergraduate-admission/Scholarships.cfm>

## Regulations Concerning Scholarships

1. With the exception of the Fredin Memorial Scholarships, all Xavier-sponsored scholarships are applicable to tuition only. They may not be applied to the cost of room, board, fees, or summer school courses, nor are they applicable to courses taken during the senior year in the programs of Medical Technology, Applied Biology, Applied Chemistry and Applied Physics.
2. Only full-time students are eligible for scholarships. Full-time enrollment is defined as students enrolled 12 or more credit hours per semester.
3. Scholarships must be accepted for the period of time indicated in the award notification from the Office of Student Financial Assistance, and they are forfeited in the event that the recipient does not enroll.
4. It is understood that the scholarship stipend will be divided evenly between the fall and spring semesters. Hence, recipients who attend only one semester will receive only one-half of their award.
5. Scholarships may be pro-rated in the final year if the recipient does not need to take a full course load to graduate.
6. Use of scholarships during the summer term will be considered on an individual basis.
7. 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 stipend if the holder receives financial aid from some other 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 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 Assistance 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

The Office of Student Financial Assistance awards grant funds for Adult and Part-time Students students including the Weekend Degree Program. Students are required to file the Free Application for Federal Student Aid (FAFSA) to be considered. The grants are based on GPA and financial need. For further information contact the Office of Student Financial Assistance 513 745-3142.

## 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.
6. Not have been convicted of an offense involving either the possession or sale of illegal drugs.

### 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.

### **Federal Perkins Loan**

The Perkins Loan is a low-interest loan that may be offered to students with financial need. Recipients are selected by the University. The federal government pays the interest while the student is enrolled in college as at least a half-time student. Repayment begins on a monthly basis nine months after the borrower ceases to be enrolled at least half-time.

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

A subsidized Stafford Loan is a low-interest loan made to college students by the federal government. The student pays an origination fee and insurance premium, but the federal government pays the interest while the student is enrolled in college as at least a half-time student. Interest and principal repayment start six months after the borrower ceases to be at least half-time.

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

An unsubsidized Stafford Loan is similar to the subsidized Stafford, except the student is responsible for interest payments while enrolled. Eligibility is not based on financial need.

### **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 variable. Interest begins accruing at disbursement of the funds. Parents start making interest repayments approximately 60 days after disbursement. The loan must be completely repaid within 10 years from the most recent loan.

## **State Scholarships and Grants**

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

OCOG is a need based grant from the state of Ohio to assist resident undergraduate students from low and moderate income families. Awards are based on family income with consideration given to the number of dependents in the family. Application is made when residents complete the federal [FAFSA](#) form.

### **Other State Grants**

Students who qualify for state grants from their home states of Connecticut, Massachusetts, New Jersey, Pennsylvania, Rhode Island, and 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, has to be returned. Federal aid includes the Federal Direct Subsidized and Unsubsidized Stafford Loan, Federal Pell Grant, Federal Supplemental Opportunity Grant (FSEOG), Federal Perkins Loan, 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 to be withdrawn as of the midpoint of the semester.

In those 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 any federal aid. Federal grant funds must be returned immediately after the student is notified by the University. Until the student returns the federal grant money, he or she is ineligible for further federal assistance should he or she return to Xavier or transfer to another school. Federal loan funds

are returned under the terms of the student's promissory note.

Federal aid that is considered "unearned" is returned in the following order:

1. Unsubsidized Stafford Loan
2. Subsidized Stafford Loan
3. Federal Perkins Loan
4. Federal PLUS Loan
5. Federal Pell Grant
6. Federal Supplemental Opportunity 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. Part-time or full-time graduate students may apply for graduate study grants, available for MA in Community and School Counseling, MEd, MS, and licensure programs. To apply, students should complete the Free Application for Federal Student Aid (FAFSA). Receipt of the FAFSA indicates your interest in being considered for grants. In some cases a separate application will need to be completed. Graduate assistantship positions, offering tuition remission and an hourly wage, are available in many departments. Graduate assistantship positions are posted each February and October. Other positions are posted as they become available. Contact the Office of Graduate Services for specific information and applications.

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

## **Financial Information**

- Financial Aid
- Tuition and Fees

## **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 through the Bursar's Office 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 and checks over the counter, checks and money orders by U.S. Mail. Credit card (Discover Card, MasterCard, Visa, and

American Express) and electronic check (eChecks) payments are only accepted online. 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

Xavier University does not mail paper bills. Electronic bills (eBills) are published on or about the 15<sup>th</sup> of each month. The due date for each eBill is the 1<sup>st</sup> of the next month. For example, the first eBill for the Fall semester is published on or about July 15<sup>th</sup> and the due date is August 1<sup>st</sup>. The next eBill is published on August 15<sup>th</sup> with a due date of September 1<sup>st</sup> and so on. For the Spring semester, the first eBill will be published on or about December 15<sup>th</sup> with a due date of January 1<sup>st</sup>. For the Summer semester, the first eBill is published on or about April 15<sup>th</sup> with a due date of May 1<sup>st</sup>.

Students who intend on paying their balance in full each month do not need to enroll in the payment plan, however, they must pay in full on or before the due date of the 1<sup>st</sup> of each month. If payment in full is not made on or before the 1<sup>st</sup> of each month, a late fee will be assessed. It is important for students and/or Authorized Users to view their monthly eBills on a monthly basis in the event additional charges have been assessed that need to be paid by the 1<sup>st</sup> of the month. For more information on late fees, visit [www.xavier.edu/bursar](http://www.xavier.edu/bursar).

Students who intend on paying their balance over time, in monthly installments, must enroll in the 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 X-Flex, 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:

- Students can spread their Total Balance for the Fall and Spring semester over 4 monthly installments (3 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 last business day prior to the 15<sup>th</sup> of each month. If the 15<sup>th</sup> falls on a weekend or holiday, then the eBill will be published on the last business day prior to the 15<sup>th</sup> and any late fee will be assessed one business day prior to that.
- Installment payments are scheduled in this manner. For the Fall semester, payments are due in August, September, October, and November. For the Spring semester, payments are due in January, February, March, and April. For the Summer semester, payments are due in May, June, and July. The Due Date is the 1<sup>st</sup> of each month.
- An enrollment fee is due and payable when you enroll in the X-Flex Payment Plan. The X-Flex is term-based which means that the student has to enroll each semester and pay the enrollment fee each semester they are in the X-Flex. For more information on the enrollment fee, late fees, and payment plan, visit <http://www.xavier.edu/payment-plans/>.
- All charges and payments are shown on one monthly eBill statement.
- X-Flex is available to all students. 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 calculate the minimum installment payment.

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, using savings, etc. then get reimbursed at the end of the semester by their employer. They can use the reimbursement to help pay for the following 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.

Executive and Off-Site MBA students will be advised on the payment plan by their respective program coordinator. Detailed information on the payment plan can be found on our website at <http://www.xavier.edu/payment-plans/> under Frequently Asked Questions.

## Registration

Students who register during priority registration for the fall and spring semesters will receive an eBill detailing charges for tuition, fees, housing and board (if applicable), in addition to estimated financial aid arranged through the University's Office of Student Financial Assistance as of that date. Payment is due approximately three weeks before the beginning of the semester. Payment must be made by the due date, or the student's class registration may be canceled 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.

All students who register after priority registration are required to pay 100% of tuition and fees at the time of registration, mail-in registration or late registration. 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 <http://www.xavier.edu/bursar/Tuition-and-Fees.cfm> 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, board plans and other fees in effect for the current academic year. Specific course fees, lab fees and deposits are listed in the current Schedule of Classes. Please visit our website at <http://www.xavier.edu/bursar/Tuition-and-Fees.cfm> to see the current rates.

### Deposits are required for:

1. New full-time students - This deposit is a nonrefundable tuition deposit. This deposit is credited to the student's bursar account when the term starts and will be deducted from the charges for that term.
2. Resident students - This deposit is a nonrefundable housing deposit paid by new, incoming students that is applied to housing charges. Room reservations will not be honored without payment of the deposit. Additionally, all residential students are required to maintain a damage deposit while in residence. Once a student moves off campus, the housing deposit will be credited to the student's bursar account.

## Graduate Programs

Current tuition and fee rates, special course/lab fees, and other relevant information are on the Bursar's website <http://www.xavier.edu/bursar/Tuition-and-Fees.cfm>. All courses taken as a graduate student will be at the graduate rate, including audited 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, including lab and course fees are not refundable after classes begin. Students must officially withdraw through the Office of the Registrar 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 necessary. If the adjustment(s) results in a credit balance on the student's bursar account, a refund would be issued.

Tuition credits for summer sessions are prorated based upon the official withdrawal date and the portion of the session elapsed. Contact the Office of the Bursar for specific refund amounts. If a credit of tuition dollars overpays/creates a credit balance on the student's bursar account, a refund will be generated. Refunds are issued each week to those individuals who had a credit balance/overpayment on their bursar account at the end of the previous week. Students who have a credit balance on their bursar account will receive a refund. To receive a refund, follow the directions on the Bursar's website at [www.xavier.edu/bursar/about-refunds.cfm](http://www.xavier.edu/bursar/about-refunds.cfm). If a refund preference is not selected, a paper check will be mailed to the student's address on file. Refund checks are not available for pick up.

This schedule is applicable to the Fall and Spring semesters:

Number of Calendar Days From Beginning of the Semester (Full Term)	Amount of Credit/Refund
Before the first day of the term	100%
1st - 7th calendar day of the term	100%
8th - 14th calendar day of the term	80%
15th - 21st calendar day of the term	60%
22nd - 28th calendar day of the term	40%
29th - 35th calendar day of the term	20%
After 35th calendar day of the term	0%

<b>Weekend Degree</b>	<b>MBA</b>	<b>Credit/Refund</b>
1st - 6th	1st - 7th calendar day of the term	100%
7th - 13th	8th - 14th calendar day of the term	60%
14th - 20th	15th - 21st calendar day of the term	20%
After 20th	After 21st calendar day of the term	0%

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. Board plan refunds are based on the tuition refund schedule. Board refunds issued in 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) will receive a tuition dollar credit based on the number of hours dropped and the Credit/Refund schedule percentage.

In extraordinary circumstances, such as serious illness or injury, when a student is forced to withdraw from classes after the refund period has ended, a written appeal may be made to the college dean requesting special consideration. Appropriate documentation is required with such an appeal.

## On-Campus Living Requirement

All students must live on campus for their first and second year at Xavier unless living with 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 Office of 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.

## 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 through a collection agency, and the student wants to return to the University, they will be required to pay their tuition and fees, in full, upfront with certified funds (bank check or cash). After two consecutive semesters of paying upfront, the student will be cleared to enroll in our installment payment plan. Once the account is paid through a collection agency, and the student wants to return to the University, they will be required to pay their tuition and fees, in full, upfront with certified funds (bank check or cash). After two consecutive semesters of paying upfront, the student will be cleared to enroll in our installment payment plan.

## Fees

See the published Schedule of Tuition and Fees that is available online each year on the Office of the Bursar's website at [www.xavier.edu/bursar](http://www.xavier.edu/bursar). The following is a description of fees charged by the University. If a student account is referred to a collection agency, the collection fee is automatically added to the balance and it is the student's responsibility to pay.

*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.

*Housing Damage Deposit* - a refundable deposit for all students residing in University on-campus housing.

*Housing Reservation Deposit* - a non-refundable deposit which reserves a room in on-campus housing. Deposit is applied against subsequent room rent charges.



*Late Fee* - assessed to a student's Bursar account if payments are not made on or before the due date.

*Parking Permit Fee* - permits parking in University student parking lots. Permits valid on evenings and weekends only 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).

## Policies and Procedures

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

## 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.** **Undeclared students, Natural 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, weekend degree, and evening students** are advised through the Office for Adult, Weekend & Evening Students (AWE) or through their departments.

## 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 mailed 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 Adds-Drops, all students, Fall and Spring Term; for Summer, consult the Summer Session Bulletin)**

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 through the Xavier University transcript information telephone line, 513 745-2007, or 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.

## Student Identification Card (ALL CARD)

The student identification card, ALL CARD, is required for all full-time and part-time students. ALL CARDS are provided through the ALL Card Center, room 270 Gallagher Student Center. The card is 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 and login access to the Xavier Student Hub.

In addition to serving as your identification card for easy access to campus facilities and programs, the ALL CARD is used as a prepaid cash card to pay for on-campus services such as: bookstore, food services, copying, library fees, and vending.

The ALL CARD technology even includes the student's ability to integrate U.S. Bank's complete banking as well as Internet banking services with Xavier's financial services system.

The system eliminates issues related to multiple cards for campus access and funds management. Convenience, simplicity and security... one card does it all! Questions regarding ALL CARD services and available to students should be referred to the ALL Card Center at 513 745-3374 or on-line at [www.xavier.edu/allcard](http://www.xavier.edu/allcard).

## 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.

## 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: 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: 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

## 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](#))

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

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 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

U = 0.00 quality points per credit hour

## 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

## Credit Hours, Semester

A semester credit hour is equivalent to fifteen class hours per term. A weekly two- or threehour period of laboratory work is considered equivalent to one credit hour. The credit hours for work in internships, practicums and student teaching vary.

The 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 various departments.

## 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.

## 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.

## Repetition of Courses (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.

## 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.

## 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.

## 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.

## Incomplete Work

Course assignments are due at the time specified by the instructor. Extension of time beyond the termination of the course is rarely granted and only for a serious reason. If an extension of time is granted, the grade of "I" (Undergraduate Incomplete) will be assigned and calculated as an "F" in the grade point average. Unless the work is completed and submitted by the fifteenth calendar day of the academic semester following the course (Fall incompletes = 15 calendar days into Spring semester; Spring and Summer incompletes = 15 calendar days into 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 that date. 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.

A student missing the final examination of a course receives an "F" or "VF" unless prior approval has been obtained from the dean, in which case the grade of "I" will be given. The same completion deadline applies as explained in the paragraph above. The final examination schedule is published in each semester's Schedule of Classes bulletin.

If the student is deferred for graduation due to a grade of "I" (Incomplete), 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.

## 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.

## 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.

## 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 [www.gcccu.org](http://www.gcccu.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.

## 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.



## 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.

## 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.

## 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 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 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.

## For Students Previously Suspended

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 Life and Leadership.

## 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.

# Eligibility for Participation in Varsity Athletics

In order to be eligible for participation in varsity athletics, a student must meet the following eligibility requirements:

- a. Student-athletes in their first semester of eligibility, admitted on the standards specified by the University, are eligible for the entire year, provided they earn a minimum cumulative 1.75 grade point average after the first semester of eligibility.
- b. Students with sophomore standing or higher must have a 2.0 or greater at the beginning of the academic year to be eligible for the fall semester.
- c. Students who begin the fall semester below the eligibility standards will be eligible for the spring semester if they earn a cumulative 2.0 or greater after the fall semester.
- d. Students who meet the eligibility standards in the fall will be eligible for the spring semester if they meet NCAA midyear eligibility requirements.
- e. Additional eligibility requirements are governed by the Student Athlete Handbook,

## 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 Honesty

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 theft, cheating, plagiarism, unauthorized assistance in assignments and tests, unauthorized copying of computer software, the falsification of results and material submitted in reports or admission and registration documents, and the falsification of any academic record including letters of recommendation.

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 one or more of the following: a zero for that assignment or test, an "F" in the course, and expulsion from the University. The dean of the college in which the student is enrolled is to be informed in writing of all such incidents, though the teacher has full authority to assign the grade for the assignment, test, or course. If disputes of interpretation arise, the student, faculty member, and chair should attempt to resolve the difficulty. If this is unsatisfactory, the dean will rule in the matter. As a final appeal, the academic vice president will call a committee of tenured faculty for the purpose of making a final determination.

## 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. 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.
6. 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.
7. The decision of the academic vice president is final. There is no further appeal.

## Disciplinary Action

Xavier University expects the conduct of its students on and off campus to be in accordance with the standards of society. All students are expected to abide by the rules of conduct specified in the Code of Student Conduct as well as the Residence Life Handbook and the Standards for Off-Campus Living. A student violating any University regulation will be subject to disciplinary action. In minor cases, the appropriate staff member (usually from the Office of Residence Life or Student Services) will take action after consultation with the student.

Serious cases of misconduct will be presented before the associate vice president for student development/dean of students or the University Disciplinary Board. The associate vice president for student development/dean of students or the Board, after hearing a case in accordance with established procedures, will determine the penalty, if any. The associate vice president for student development/dean of students and/or the Board have the power to suspend or expel any student found to be in serious violation of any University regulation. Academic credits for courses in which the student is currently enrolled may be lost by a student who is dismissed or expelled from the University before the end of the semester. Refer to the discipline hearing procedures section of this catalog for more specific information.

Disciplinary records are confidential and are maintained by the Office of the Vice President for Student Development for a period of three to five years. The University may choose to notify parents of disciplinary action taken against a student.

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

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. A student also may be required to withdraw for reasons of poor scholarship, failure to remove academic probation, or misconduct.

## 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.

## 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.

## 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.

**Study Abroad Credit:** 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.

## 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.

## 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.

## Classification and Enrollment Status of Graduate Students

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

# Graduate Grading System

Plus/Minus grading is applicable to all courses numbered 500 or above unless a departmental policy dictates otherwise. The "+" (plus) increases a letter grade by .33, and "-" (minus) decreases a letter grade by .33.

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

VF = Failure to officially withdraw  
W = Official withdrawal  
M = Incomplete, changed when grade is assigned. (see "[Incomplete Work](#)")  
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 for credit in courses below 500 level

\*\* minimum 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 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" 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.

## 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

A semester credit hour is equivalent to fifteen class hours per term. A weekly two- or three hour period of laboratory work is considered equivalent to one credit hour. The credit hours for work in internships, practicums and student teaching vary.

The 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 various departments.

## 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.

## Incomplete Work

Grades of "M" (Graduate Incomplete) should be cleared within four weeks after the last day of the term in which the course was taken. This time limit may be extended upon administrative approval but generally may not exceed a period of one year from the end of the term.

If the student is deferred for graduation due to a grade of incomplete, 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.

## 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 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.

## 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.

## Academic Honesty

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 theft, cheating, plagiarism, unauthorized assistance in assignments and tests, unauthorized copying of computer software, the falsification of results and material submitted in reports or admission documents, and the falsification of any academic record including letters of recommendation.

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 one or more of the following: a zero for that assignment or test, an "F" in the course, and expulsion from the University. The dean of the college in which the student is enrolled is to be informed in writing of all such incidents, though the teacher has full authority to assign the grade for the assignment, test, or course. If disputes of interpretation arise, the student, faculty member, and chair should attempt to resolve the difficulty. If this is unsatisfactory, the dean will rule in the matter. As a final appeal, the academic vice president will call a committee of tenured faculty for the purpose of making a final determination.

## 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.

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.

6. 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.
7. The decision of the academic vice president is final. There is no further appeal.

## Disciplinary Action

Xavier University expects the conduct of its students on and off campus to be in accordance with the standards of society. All students are expected to abide by the rules of conduct specified in the Code of Student Conduct, and the Student Handbook. A student violating any University regulation will be subject to disciplinary action. In minor cases, the appropriate staff member (usually from the Office of Residence Life or Student Services) will take action after consultation with the student.

Serious cases of misconduct will be presented before the Associate Vice President for Student Development/Dean of Students (AVPSD/DS) or the University Disciplinary Board. The AVPSD/DS or the Board, after hearing a case in accordance with established procedures, will determine the penalty, if any. The AVPSD/DS and/or the Board have the power to suspend or expel any student found to be in serious violation of any University regulation. Academic credits for courses in which the student is currently enrolled may be lost by a student who is dismissed or expelled from the University before the end of the semester. Refer to the current Student Handbook for discipline procedures <http://www.xavier.edu/deanofstudents/documents/studenthandbook.pdf>.

Disciplinary records are confidential and are maintained by the Office of the Vice President for Student Development for a period of three to five years. The University may choose to notify parents of disciplinary action taken against a student.

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

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. A student also may be required to withdraw for reasons of poor scholarship, failure to remove academic probation, or misconduct.

## 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 MHA, EdD and PsyD coursework must be graduate level.

## 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.

## 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.

## The 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.

## Minimum Grade Point Average to Graduate

The minimum grade point average required for graduation from all graduate degree programs is as follows:

<b>College of Arts &amp; Sciences</b>	<b>GPA</b>
MA English	3.000
MA Health Care Mission Integration	3.000
MA Private Interest & Public Good	3.000
MA Theology	2.800
MA Urban Sustainability	3.000
<b>College of Professional Sciences</b>	<b>GPA</b>
DNP	3.000

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
MOT	3.000
MS Athletic Training	3.000
MS Criminal Justice	2.800
MS HECOR	3.000
MS Human Resource Development	3.000
MSN	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

In addition, two unsatisfactory grades, as stated in the Academic Dismissal section, shall be grounds for dismissal.

## 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.

## 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.

## 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.

## 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.

# 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.

<b>Record</b>	<b>Title of Official</b>
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

## Review and Expunging of Records

Each of the offices listed has review procedures and methods of expunging inaccurate data which are particular to the type of records kept and to the specific purpose for which they are maintained. Specific procedures can be determined by contacting the official of the office concerned.

# Procedures for Challenging Content of Records

The procedures for challenging content of any specific record for reasons of inaccuracy or bias can be either informal or formal hearings. Student requests for a formal hearing must be made in writing to the appropriate vice president who, within a reasonable period of time after receiving such requests, will inform the student of the date, place and time of the hearing. The parents and/ or student have the right to present evidence that the challenged material is inaccurate, misleading, or in any way inappropriate for the particular file. Correction of the material or deletion of the material should be requested. Decisions rendered at the hearing will be final, and will be based solely on the evidence presented at the hearing. The appropriate vice president will summarize the evidence, state the decision, and state the reasons for the decision. This written report will be delivered to all parties concerned.

## 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. Sex discrimination includes sexual harassment, sexual violence, relationship violence, and other forms of gender-based harassment or violence. **Xavier University does not tolerate sex discrimination.** If a student believes she or he has experienced sex discrimination or has questions about Title IX, please contact Xavier's Chief Title IX Officer Kate Lawson at 513-745-3046 or visit the [Title IX Office website](#). For 24/7 free, confidential advocacy and support, contact Xavier's [Advocacy & Prevention 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 regionally accredited institution may earn a second bachelor's degree at Xavier. 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 regionally accredited institution, 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 or bachelor'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 (Requirements for all first-year students entering Fall 2015 or later):

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

### First-Year Experience

- CORE 100 - First Year Seminar
  - CORE 101 (Fall) & 102 (Spring) - First Year Co-Curricular Program (zero credit hour requirement)

### Ethics/Religion and Society Focus

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

### 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 (two three-credit hour courses or 202)

### 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

- Students who enrolled before Fall 2015 and graduate after Spring 2015 count as Transition Students who must satisfy the Transition Core (see Transition Core).
- 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.

## 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.

## Associate's Degrees

### 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**

### 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**

### 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**

### Requirements For Associate's Degree in Radiologic Technology

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

Theo 111 (3)

- Historical Perspectives OR Humanities elective
- Mathematical Perspectives
- Natural Science elective (3)
- Social Science elective (3)
- DCR elective. (3)

**Total: 24 hours**

## Identifying Courses that Satisfy Core Requirements

To identify which courses satisfy a core requirement for a given term, use either the **Streamlined Class Search** or **Search Class Schedule** 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, choose "All" or use the shift key to highlight all subjects. Then, use the drop-down 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

### 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 (Requirements for all first-year students entering Fall 2015 or later):

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

### First-Year Experience

- CORE 100 - First Year Seminar
  - CORE 101 (Fall) & 102 (Spring) - First Year Co-Curricular Program (zero credit hour requirement)

### Ethics/Religion and Society Focus

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

## 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 (two three-credit hour courses or 202)

## 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

- Students who enrolled before Fall 2015 and graduate after Spring 2015 count as Transition Students who must satisfy the Transition Core (see Transition Core).

- 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.

## 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.

## Associate's Degrees

### 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**

### 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**

## 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**

## Requirements For Associate's Degree in Radiologic Technology

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

**Total: 24 hours**

## Identifying Courses that Satisfy Core Requirements

To identify which courses satisfy a core requirement for a given term, use either the **Streamlined Class Search** or **Search Class Schedule** 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, choose "All" or use the shift key to highlight all subjects. Then, use the drop-down 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.

## 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 around 1300 and up or ACT scores around 29 and above. 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 USP students entering fall 2016 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

## Honors Bachelor of Arts

Established in 1948, Honors A.B. (HAB) is the University's first and oldest honors program. True to Xavier's Jesuit heritage, the program emphasizes the interdisciplinary study of Classics (Latin and Greek) and Philosophy. Students study the classic texts of Western civilization while fostering deeper understanding of the values and ideals they embrace.

The HAB program prepares students for life in the modern world by developing depth and balance of intellect and an openness to new ideas by examining the roots from which our culture and traditions have sprung. Candidates for the program are expected to rank high in their high school classes; often they have Latin had high school, although special arrangements can be made for those with no experience in ancient languages, as long as students want to learn them. The program is designed challenge students as undergraduates and prepare them for lifelong learning. HAB graduates pursue careers in a variety of professional, business, and academic areas.

The main objectives of the HAB program are as follows:

1. To provide intense, upper-level Latin and Greek courses at the honors level in which substantial readings of significant Roman and Greek authors are engaged in the original;
2. To provide a range of courses in philosophy for an appreciation of the evolution of ideas about what it means to be human;
3. To provide students with an understanding of the development of ideas about human concerns (e.g. justice, freedom, virtue, faith, allegiance) as they were first expressed to foster a deeper understanding of the values and ideals they embrace.

## Honors Bachelor of Arts Core Requirements

Honors students are expected to fulfill the regular Undergraduate Core Curriculum requirements, and whenever possible, special Honors sections or the more demanding sections of required courses should be taken:

## Honors Bachelor of Arts Program Specific Requirements

Latin - 21 hours from the following:

- LATN 211: Cicero *Orations*
- LATN 212: Vergil, *Aeneid*
- LATN 231: Horace, *Odes* and *Epodes*
- LATN 232: Catullus
- LATN 241: Latin Prose Composition
- LATN 253: Livy
- LATN 263: Caesar
- LATN 273: Cicero, Letters
- LATN 283: Cicero, *Essays*
- LATN 293: Horace, *Satires* and *Epistles*
- LATN 311: History of Ancient Rome
- LATN 321: Roman Comedy

LATN 331: Lucretius  
LATN 341: Tacitus  
LATN 351: Roman Satire  
LATN 361: History of Latin Literature  
LATN 371: Medieval Latin  
LATN 397: Special Study, Prose  
LATN 398: Special Study Poetry

Greek - 21 hours from the following:

GREK 101: Elementary Greek I  
GREK 102: Elementary Greek II  
GREK 201: Attic Prose  
GREK 202: Attic Tragedy  
GREK 203: Plato, Selected Readings  
GREK 241: Koine Greek I  
GREK 242: Koine Greek II  
GREK 311: History of Ancient Greece  
GREK 321: Homer, *Iliad*  
GREK 322: Homer, *Odyssey*  
GREK 331: Plato, *Republic*  
GREK 341: *Thucydides*  
GREK 351: *Aeschylus*  
GREK 361: History of Greek Literature  
GREK 397: Special Study: Prose  
GREK 398: Special Study: Poetry

Philosophy - 18 hours

## Capstone Thesis Research Experience - 6 hours:

CLAS 398: Capstone Preparation-Honors  
CLAS 399: Honors Bachelor of Art (HAB)

This year-long capstone course (6 credit hours) ensures that each HAB student writes a research paper utilizing the analytical, writing and linguistic skills he/she has developed during his/her four years in the HAB program and, to the extent possible, combining the interests of his/her second major or pre-med Natural Science minor. Course participants give in-class oral and written presentations and undertake a mock defense of their paper in preparation for the real oral defense. Cooperative learning is essential to success to the thesis process. Participants read and respond to one another's work.

## Philosophy, Politics and the Public Honors Program

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 summer study in Paris that includes a seminar in Brussels, the seat of the European Union. The program is highly selective, with 15 to 20 freshman students enrolling each fall.

## The Philosophy, Politics & the Public Core Sequence

The program finds its center in two main areas. Students take the core interdisciplinary course sequence during sophomore and junior year. The sophomore year

sequence brings together faculty from history and political science. Its focus is on America's civic culture in its growth and development, with special emphasis upon electoral and legislative politics. The junior year sequence is primarily philosophical and centers upon the philosophical ideas of the Enlightenment culminating in the French Revolution as a primary shaper of both modern democratic institutions as well as modern conceptions of "the public." The course will culminate with the students traveling to Paris and Brussels to meet with French specialists and students who are likewise investigating the changing contours of the modern Western democracies that this revolution had so profoundly affected. Details of these sequences appear below.

## The Philosophy, Politics & the Public Elective Concentration

Together with the Constructing the Public sequence, the Elective Concentration forms the heart of the individual student's PPP program. Students are encouraged to choose an Elective Concentration in a discipline that most closely fits their own academic interest in "the public." In this way, the Elective Concentration provides the conceptual center of the PPP student's course of study, supplying the dominant framework from which he or she investigates the complex content of "the public." There are a total of 18 hours of available electives in the PPP honors program. Students may choose an Interdisciplinary minor or one that is departmentally based. Some examples are:

A. *Philosophy, Politics & the Public* combined with an Interdisciplinary Minor

1. Concentration in Gender & Diversity
2. Concentration in International Studies
3. Concentration in Latin American Studies
4. Concentration in Peace Studies
5. Concentration in Catholicism & Culture

B. *Philosophy, Politics & the Public* combined with a Discipline-based Minor

1. Concentration in Business
2. Concentration in Economics
3. Concentration in History
4. Concentration in International Studies
5. Concentration in Philosophy
6. Concentration in Political Science
7. Concentration in Art

## The Senior Capstone Research Thesis

In the senior year, all PPP students will submit a research thesis for public defense. This thesis will be multidisciplinary in content and will address issues concerning the public that flow from the student's own elective concentration.

## Additional Course Requirements in the Program

In addition to these required core and elective courses, students in Philosophy, Politics and the Public must complete either a full minor in a foreign language or complete two languages through intermediate proficiency, one additional course from a history survey of the student's choice, and two courses in economics.

### Bachelor of Arts

### Advertising, B.A.

### Bachelor of Arts degree for Communication Arts majors

The Communication Arts Majors will help students understand many aspects of the human communication process, develop essential skills, and form positive attitudes toward the role that, as educated adults, they will play in society. Basic skills in written and spoken communication receive emphasis in all four communication majors: advertising, communication studies, electronic media, and public relations. In order to complete all requirements for the degree, students should formally declare one of the four departmental majors preferably by the end of their freshmen year. Departmental guidance is necessary to ensure proper sequencing of classes. Proficiency in writing skills is required in all majors, and continued improvement in writing and speaking skills is expected. Qualified

communication arts students are encouraged to take advantage of internship opportunities in their respective majors to gain practical professional experience. Many students within the department work closely with the University's television production studio. The television studio is very active in program production for cable television and industrial usage and the production, post production, and editing facilities utilize students in a number of roles and encourage the development of high professional standards. The Xavier University Vonder Haar Chapter of the Public Relations Society of America (PRSSA) and many other organizations and clubs provide opportunities for students to network with area professionals and gain meaningful practical experience.

## Advertising

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.

### Core Curriculum Requirements:

See Undergraduate Core Curriculum :

### 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 each major.
- Since each major recommends certain courses as COMM electives, it is important that students work closely with their academic advisors in the choice of these electives.

## 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.

## 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.
- A minimum of 122 credit hours is required for this degree.

## Classical Humanities, B.A.

This program is designed to offer a major for those students who have an interest in the ancient world but prefer breadth rather than specialization in their undergraduate education or seek to pursue the equivalent of a second major. This program combines the minimum number of course requirements with a maximum number of elective courses. The 24 hours of study of the ancient Greek and Roman world will give the student a somewhat intensive knowledge of the cultures, which in time and place are far removed from our own but which have exercised a very strong and continuing influence on modern civilization.

## Requirements for the Classical Humanities Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Major Requirements:

36 credit hours, as follows

- 12 lower division hours in Latin or Greek 101-202 (Refer to Course Descriptions.) (waivers exist per prior achievement).
- 6 hours of Latin or Greek beyond the intermediate language level (210-399) (Refer to Course Descriptions.) .
- 18 hours of classical culture offerings from CLAS 101-399 (Refer to Course Descriptions.) .

## 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**

## 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.

## **Classics, B.A.**

The Bachelor of Arts degree in Classics is designed to bring students into intimate contact with the world of the ancient Romans and Greeks through the study of their language, literature and culture. It introduces them to that era when Western society was for the first time in recorded history dealing with and recording many of the same problems and questions with which we are still grappling today.

## Requirements for the Classics Major

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### Major Requirements:

33 credit hours, as follows

- 0-12 lower division hours in Latin or Greek (the number depending on prior achievement).
- 21 hours in Latin or Greek beyond the intermediate language level.

## Note(s):



- A 2.500 cumulative average must be attained in the above courses.
- Completion of a senior thesis.
- Pass a comprehensive examination upon completion of a senior thesis.
- In addition to the above requirements, the student has 18-24 hours of non-designated electives which can be used to meet specific interests or needs.

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

### 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.**

### Bachelor of Arts degree for Communication Arts majors

The Communication Arts Majors will help students understand many aspects of the human communication process, develop essential skills, and form positive attitudes toward the role that, as educated adults, they will play in society. Basic skills in written and spoken communication receive emphasis in all four communication majors: advertising, communication studies, electronic media, and public relations. In order to complete all requirements for the degree, students should formally declare one of the four departmental majors preferably by the end of their freshmen year. Departmental guidance is necessary to ensure proper sequencing of classes. Proficiency in writing skills is required in all majors, and continued improvement in writing and speaking skills is expected. Qualified communication arts students are encouraged to take advantage of internship opportunities in their respective majors to gain practical professional experience. Many students within the department work closely with the University's television production studio. The television studio is very active in program production for cable television and industrial usage and the production, post production, and editing facilities utilize students in a number of roles and encourage the development of high professional standards. The Xavier University Vonder Haar Chapter of the Public Relations Society of America (PRSSA) and many other organizations and clubs provide opportunities for students to network with area professionals and gain meaningful practical experience.

### Communication Studies

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

### Major Requirements:

36 credit hours, as follows

36 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 260 - Organizational Communication
- COMM 264 - Persuasion
- COMM 270 - Principles of Strategic Comm
- COMM 301 - Presentational Speaking
- COMM 327 - Interpersonal Conflict Mgmt
- COMM 329 - Audience Survey & Research
- COMM 469 - Sr Sem: Comm Studies

Note(s):

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

## 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.

## 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
  - Three additional CSCI courses numbered 200 or above
- 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

## Note:

The Mathematics Perspectives Core requirement is fulfilled by CSCI 170 . We also recommend MATH 156 General Statistics or MATH 280 Combinatorics if the student's schedule permits.

## Required second area of concentration

- Students must complete a second major or minor, of which at least 15 hours must be distinct from the required courses in Computer Science.

## 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 and Tech Post-Prod

- DIFT 250 - Screenwriting and Story Craft
- DIFT 254 - Intro To Video Production
- DIFT 354 - Field Prod and Story Telling
- DIFT 459 - SR Sem-Elect Media: Adv Prod
- DIFT 460 - Sr Sem Elec Media Adv II

## 6 hours of Elective A

Select 2 courses from:

- ARTS 215 - Web Design
- COMM 237 - Elements of Copy & Design
  - DIFT 340 - Audio Production and Technology
  - DIFT 355 - Documentary Field 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
- MUSC 304 - Producing Electronic Music I
- THTR 120 - Acting I
  - THTR 331 - Lighting Design

## 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
  - DIFT 455 - Special Projects in DIFT
- 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 (DCR elec.)

- 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 Arts (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

### 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 - Intro 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 Strategy
- COMM 477 - Strat Comm Ethics Society
  - COMM 489 - Digital Media Senior Seminar

**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
    - Foreign 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
  - Foreign 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 with Concentration in Mathematics, B.A.

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
  
- STAT 210 - Statistics For Business I
- STAT 211 - Statistics For Business II
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
  - ECON electives (five courses, including two 400-level electives) (15 credit hours)

#### Mathematics Concentration Requirements:

15 credit hours

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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, 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
- STAT 210 - Statistics For Business 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\*

- ECON 491- Capstone in Economics (0 Credit hours)
- ECON 492 - Capstone in Economics (1 Credit hours)
- ECON 493 - Capstone in Economics (2 Credit Hour)

\*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
  - Foreign 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
  - Foreign 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

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

Total (16)

### Second Semester

- ECON 493 - Capstone Experience in Economics II
- Economics Elective
- Economics Elective
- General Elective
- General Elective
- General Elective

Total (17)

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, 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
- STAT 211 - Statistics For Business II

### 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

- ECON 200 - Microeconomic Principles
- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric
  - Foreign Language I (3)
- CORE 100 - First Year Seminar
  - Historical Perspectives
  - Language I
  - CORE 101

TOTAL (15)

#### Spring Semester

- ECON 201 - Macroeconomic Principles
- BIOL 120 - Life: Ecology & People
- BIOL 127 - Life Lab: Investigation II
  - 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
- THEO 360 - Consumption As Problem or
- 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.

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**

- 302-History of Literary Criticism
- 303-Modern Literary Theory
- 366-Feminist Theory

### **Language or Linguistics**

- 320-Topics in Linguistics
- 321-History of English Language
- 322-Ethnolinguistics
- 323-Media and Its Discourse
- 327-Language of Leadership
- 369-Women and Sacred Language

## 9 hours from:

Take one course from THREE of the four areas:

### **Pre-1800 British Lit**

- 361-16th/17th Cent Women's Literacy
- 368-Brit Women Writers
- 376-Lit & Arts in Britain
- 410-Chaucer
- 411-Medieval Women's Writing
- 415-Early English Lit
- 425-Shakespeare
- 429-Renaissance Drama
- 430-17th Century Brit Lit
- 432-Spenser & Milton
- 435-Milton
- 441-18th Century Brit Lit
- 465-18th Century Novel: Behn-Austen

### **Post-1800 British Lit**

- 364-Jane Austen
- 375-Lit & Arts in Ireland
- 414-Tolkien
- 450-Brit Romantic Lit
- 452-Romantic Autobiography
- 460-Love, Sex, Gender in Victorian Poetry
- 462-Victorian Writing
- 463-Victorian Poetry & Poetics
- 464-English Novel: Dickens-Conrad
- 470-Modern Brit Lit
- 475-Modern Irish Lit

### **Pre-1900 American Lit**

- 358-Black America since 1865
- 373-War & Peace in Amer Lit

- 468-Transatlantic Lit
- 478-19th Century Amer Poetry
- 480-Amer Renaissance
- 481-Amer Realism
- 485-Amer Gothic Lit
- 488-Humor in Amer Lit
- 489-Amer Minority Lit

#### **Post-1900 American Lit**

- 351-Jewish-Amer Lit
- 479-Lit of Amer West
- 482-Mod Amer Fiction
- 483-Mod Amer Poetry
- 484-African-Amer Lit
- 486-Contemp Amer Lit
- 487-Contemp Amer 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 (Major's section) \*
  - 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 (14)

## 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.

## French, B.A.

The programs for majors in German, French, and Spanish offered by the Department of Modern Languages provide an opportunity for the development of proficiency in the spoken and written language, as well as a study of the literature and civilization in areas where the language is spoken.

Students are encouraged to combine a modern language major with a second major or a related minor.

Undergraduates who wish to be licensed as teachers of French, German, or Spanish 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 (300-499) taught in the foreign language.
- A 2.5 cumulative average must be attained in the major courses.

28 credit hours, as follows

#### \*French:

9 hours of language/culture from:

- FREN 300-351 (Refer to Course Descriptions.)

9 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions.)

9 hours of major electives selected from:

- FREN 300-498 (Refer to Course Descriptions.)

1 hour of senior project from:

- FREN 499 - Senior Research Project

## **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 222 - The Harlem Renaissance (R)
- HIST 233 - Women In American History (W)
  - HIST 307 - Immigration and Ethnicity (R)
- HIST 324 - African-Am Struggle for Equity (R)
  - POLI 367 - Gender & Politics: Women, Elections and Representation (W)
- SOCI 250 - Racial Ethnic Minorities (R)
- SOCI 262 - Gender and Society (W)
- SOCW 318 - Trends in Modern Soc: Race Rel (R)
- SOCW 325 - Women/Men: Myth & Reality (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 - Slavery In the Atlantic World (R)
- HIST 275 - Urban Imaginaries In Asia (R)
  - HIST 314 - Africa Since 1945 (R)
  - HIST 343 - Religion & Empire in Latin America (R)
- HIST 395 - History of South Africa (R)
  - HIST 427 - Race and Nation in Modern Latin America (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, Poverty and Society
- 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
  - HIST 350, POLI 316, THEO 316 - Globalization (departmental designations may change yearly).

## 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.

## German, B.A.

The programs for majors in German, French, and Spanish offered by the Department of Modern Languages provide an opportunity for the development of proficiency in the spoken and written language, as well as a study of the literature and civilization in areas where the language is spoken.

Students are encouraged to combine a modern language major with a second major or a related minor.

Undergraduates who wish to be licensed as teachers of French, German, or Spanish 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

### 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 (300-499) taught in the foreign language.
- A 2.5 cumulative grade-point average must be attained in the major courses.

## 28 credit hours, as follows

### German:

9 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions ).

9 hours of literature from:

- GERM 420 - GERM 461 (Refer to Course Descriptions ).

9 hours of major electives selected from:

- GERM 300 - GERM 351 (Refer to Course Descriptions ).

1 hour of senior research project:

- GERM 499 - Senior Research Project

## 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:

- 10 credit hours in foundation requirements
- 21 credit hours in BA specific areas
- 9 credit hours in Art History
- 9 credit hours senior seminar and concentration
- 3 elective credit hours
- 3 credit hours Internship

### 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**

### 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.
- A minimum of 124 credit hours is required for this degree.
- Diversity Curriculum Requirement (DCR) 6 credits (2 courses given DCR status must be taken)
- Consider a "Certificate of Applied Computation"

(10 credits: CSCI 170, CSCI 180, CSCI 220, CSCI 290)

- Consider an Advertising minor (18 credits):

COMM 206, COMM 211, COMM 230, COMM 329, COMM 430,

plus 3 credit hours from the following:

COMM 235, COMM 237, COMM 264, COMM 332 or COMM 334)

## 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 133 and 134
- HIST 143 and 144
- HIST 200 and 201
- HIST 247 and 248

\* Students can satisfy Historical Perspectives by taking 9 hours of survey courses.



- HIST 123 - African History I
- HIST 124 - African History II
  
- HIST 133 - European History I
- HIST 134 - European History II
  
- HIST 143 - U.S. History I
- HIST 144 - U.S. History II
  
- HIST 151 - Latin American History I
- HIST 152 - Latin American History II
  
- HIST 161 - Asian History I
- HIST 162 - Asian History II

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.

**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: Europe, B.A.**

### **Bachelor of Arts Degree in International Studies**

#### **Fields of Concentration: Europe, International Business, Latin America, or Post-Colonial Studies**

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:

Europe, International Business, Latin America, or Post-Colonial Studies.

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

#### **History**

- Historical Perspectives in the area of concentration (Europe, Asia, Africa, Latin America). Students with a concentration in International Business may take any course in any area.

#### **Language:**

- For Spanish, French, or German - Intermediate Proficiency, plus 6 hours of 300-320.
- For other modern language, such as Arabic, Chinese, Italian, and Japanese: Intermediate Proficiency plus 6 hours when available either at Xavier or another institution, such as the University of Cincinnati.

### Statistics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics or
  - Equivalent

### Study Abroad:

- Required. Students may study in the country of their choice. Students may choose short Xavier faculty-led summer programs or full semester programs.

### Required Courses for All Concentrations

18 credit hours, as follows

#### 6 hours of specific courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations

#### 3 hours from a choice of either:

- POLI 390 - Sem: International Relations
  - HIST 400 Level Seminar: International topic with approval of Director

#### 3 hours from a choice of either:

- POLI 374 - U.S. Foreign Policy
- HIST 428 - SEM: Latin Amer Revolutions

#### 3 hours from a choice of either:

- POLI 372 - International Political Econom
- ECON 300 - Int'l Trade & Bus Environment

#### 3 hours from study abroad:

- You may study in the country of your choice. A minimum of three credit hours must be taken

15 hours of courses in a chosen concentration:

## Europe:

Select 5 courses from an approved list, including

- ENGL 375 - Literature and the Arts in Ireland
- ENGL 470 - Modern British Literature
- ENGL 475 - Modern Irish Literature
- HIST 361 - Europe 1815-1945 (European Societies at War)
- HIST 370 - The British Empire
- HIST 476 - Britain and World War II
- HIST 378 -France: Revolution 1789-1815
- HIST 380 - Europe After Hitler
- HIST 381 - Modern Paris
- HIST 385 - The Cold War
- HIST 387 - USSR Since 1917
- HIST 465 - Seminar:Modern Russia
- HIST 466 - Seminar:The Stalin Era
- HIST 495 - Seminar: France 1870-1914
- PHIL 339 -Revolution and Its Aftermath
- POLI 219 - Irish Government and Politics
- SOCI 270 - Irish Historic Sociology
- GERM - Literature and Civilization Classes
- FREN -Literature and Civilization Classes
- SPAN - Literature and Civilization Classes related to Spain

## Notes:

- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses must come from two or more disciplines; no more than three courses in Modern Languages and English combined or three courses from History may count toward the Concentration.

## Additional Major Requirements:

6 credit hours, as follows

- Advanced competency in at least one foreign language, as well as an academic study abroad experience or an international internship.
- Additional language courses required beyond the intermediate proficiency of the 202-level in French, German or Spanish (300-320) (Refer to Course Descriptions) is one way to meet this requirement.
- For other languages, a cultural immersion of at least 6 hours is required with approval of Director.

**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.

### Field of Concentration — Europe

#### Freshman Year

##### First Semester

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- POLI 120 - Comparative Govt and Politics
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language
  - First Year Seminar

Total (15)

##### Second Semester

- POLI 277 - International Relations
- THEO 111 - Theological Foundations
  - Math Perspectives
  - Second Language
  - Lit. & Moral Imagination

Total (15)

#### Sophomore Year



## First Semester

- POLI 374 - U.S. Foreign Policy
  - Second Language
  - Scientific Perspectives
  - Concentration Elective #1
- ECON 200 - Microeconomic Principles

Total (15)

## Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 372 - International Political Econom
  - Quantitative Elective
  - Second Language
  - Historical Perspectives (Europe)

Total (15)

## Junior Year

- Study Abroad recommended Junior Year

## First Semester

- Concentration Elective #2
- Second Language
- Natural Sciences + Lab
- Philosophic Perspectives
- Free Elective

Total (15)

## Second Semester

- Concentration Elective #3
- Second Language
- Theological Perspectives
- Free Electives (6 hours)

Total (15)

## Senior Year

### First Semester

- International Seminar (POLI 390 - Sem: International Relations or Hist.)
- Concentration Elective #4
- Free Electives (9 hours)

Total (15)

### Second Semester

- Concentration Elective #5
- Creative Perspectives
- Free Electives (9 hours)

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.
- Diversity Curriculum Electives may be used to satisfy other elements of core or major.

## **International Studies: International Business, B.A.**

## Bachelor of Arts Degree in International Studies

### Fields of Concentration: Europe, International Business, Latin America, or Post-Colonial Studies

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:

Europe, International Business, Latin America, or Post-Colonial Studies.

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

#### History

- Historical Perspectives in the area of concentration (Europe, Asia, Africa, Latin America). Students with a concentration in International Business may take any course in any area.

#### Language:

- For Spanish, French, or German - Intermediate Proficiency, plus 6 hours of 300-320.
- For other modern language, such as Arabic, Chinese, Italian, and Japanese: Intermediate Proficiency plus 6 hours when available either at Xavier or

another institution, such as the University of Cincinnati.

## Statistics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics or
  - Equivalent

## Study Abroad:

- Required. Students may study in the country of their choice. Students may choose short Xavier faculty-led summer programs or full semester programs.

## Required Courses for All Concentrations

18 credit hours, as follows

### 6 hours of specific courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations

### 3 hours from a choice of either:

- POLI 390 - Sem: International Relations
  - HIST 400 Level Seminar: International topic with approval of Director

### 3 hours from a choice of either:

- POLI 374 - U.S. Foreign Policy
- HIST 428 - SEM: Latin Amer Revolutions

### 3 hours from a choice of either:

- POLI 372 - International Political Econom
- ECON 300 - Int'l Trade & Bus Environment

### 3 hours from study abroad:

- You may study in the country of your choice. A minimum of three credit hours must be taken

15 hours of courses in a chosen concentration:

### International Business:

- ECON 300 - Int'l Trade & Bus Environment
- POLI 372 - International Political Econom
  - Whichever was not taken as a core requirement for the Major

Complete 2 of 3 sequences from:

### International Finance:

- ACCT 200 - Introductory Financial Acct
- FINC 300 - Business Finance
- FINC 476 - International Finance

### Marketing:

- MKTG 300 - Principles of Marketing
- MKTG 320 - International Marketing

### Management:

- ECON 300 - Int'l Trade & Bus Environment
- MGMT 300 - Managerial Behavior
- MGMT 325 - International Management

### Notes:

- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses must come from two or more disciplines; no more than three courses in Modern Languages and English combined or three

courses from History may count toward the Concentration.

## Additional Major Requirements:

6 credit hours, as follows:

- Advanced competency in at least one foreign language, as well as academic study abroad experience or an international internship.
- Additional language courses required beyond the intermediate proficiency of the 202-level in French, German or Spanish (300-320) (Refer to Course Descriptions) is one way to meet this requirement.
- For other languages, a cultural immersion of at least 6 hours is required with approval of Director.

## 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.

### Field of Concentration — International Business

#### Freshman Year

#### First Semester

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- POLI 120 - Comparative Govt and Politics
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language
  - First Year Seminar

Total (15)

## Second Semester

- POLI 277 - International Relations
- THEO 111 - Theological Foundations
  - Math Perspectives
  - Second Language
  - Lit. & Moral Imagination

Total (15)

## Sophomore Year

### First Semester

- ECON 200 - Microeconomic Principles
- POLI 374 - U.S. Foreign Policy
  - Second Language
  - Scientific Perspectives
  - Prerequisite #1

Total (15)

### Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 372 - International Political Econom
  - Quantitative Elective
  - Second Language
  - Historical Perspectives (Africa, Europe, Latin America, or Asia)

Total (15)

## Junior Year

- Study Abroad recommended Junior Year

### First Semester

- Prerequisite #2 or Int. Business Sequence Elective
- Second Language
- Natural Sciences + Lab
- Philosophic Perspectives
- Free Elective

Total (15)

### Second Semester

- Prerequisite #3 or Int. Business Sequence Elective
- Second Language
- Theological Perspectives
- Free Electives (6 hours)

Total (15)

## Senior Year

### First Semester

- International Seminar (POLI 390 - Sem: International Relations or Hist.)
- International Business Sequence Elective or Free Elective
- Free Electives (9 hours)

Total (15)

### Second Semester



- International Business Sequence Elective or Free Elective
- Creative Perspectives
- Free Electives (9 hours)

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.
- Diversity Curriculum Electives may be used to satisfy other elements of the core or major.

## **International Studies: Latin America, B.A.**

### Bachelor of Arts Degree in International Studies

#### Fields of Concentration: Europe, International Business, Latin America, or Post-Colonial Studies

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:

Europe, International Business, Latin America, or Post-Colonial Studies.

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

## History

- Historical Perspectives in the area of concentration (Europe, Asia, Africa, Latin America). Students with a concentration in International Business may take any course in any area.

## Language:

- For Spanish, French, or German - Intermediate Proficiency, plus 6 hours of 300-320.
- For other modern language, such as Arabic, Chinese, Italian, and Japanese: Intermediate Proficiency plus 6 hours when available either at Xavier or another institution, such as the University of Cincinnati.

## Statistics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics or
  - Equivalent

## Study Abroad:

- Required. Students may study in the country of their choice. Students may choose short Xavier faculty-led summer programs or full semester programs.

## Required Courses for All Concentrations

18 credit hours, as follows

### 6 hours of specific courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations

### 3 hours from a choice of either:

- POLI 390 - Sem: International Relations
  - HIST 400 Level Seminar: International topic with approval of Director

### 3 hours from a choice of either:

- POLI 374 - U.S. Foreign Policy
- HIST 428 - SEM: Latin Amer Revolutions

### 3 hours from a choice of either:

- POLI 372 - International Political Econom
- ECON 300 - Int'l Trade & Bus Environment

### 3 hours from study abroad:

- You may study in the country of your choice. A minimum of three credit hours must be taken

### 15 hours of courses in a chosen concentration:

#### Latin America:

- ECON 341 - Economics of Developing Countries
- HIST 340 -History of Mexico
- HIST 344 -Contemporary Latin America
- HIST 345 - History of Central America
- HIST 429 - Latin American and the U.S.
- SPAN 205 - Hispanic Literature and Moral Imagination
- SPAN 351 - Latin American Civilization I
- SPAN 352 - Latin American Civilization II
- SPAN 353 -Intro. to Latin American Studies
- SPAN 427 - Spanish American Literature and Civilization I
- SPAN 428 - Spanish American Literature and Civilization II
- SPAN 429 - Spanish American Literature and Civilization III
- SPAN 440 - Hispanic Poetry
- SPAN - Literature and Civilization Classes related to Latin America
- SPAN 446 - Identity and Nationality in Caribbean Literature
- THEO 306 - Liberation Issues and Theology
- UNST 300 - Service Learning:Nicaragua

#### Note(s):

- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses must come from two or more disciplines; no more than three courses in Modern Languages and English combined or three courses from History may count toward the Concentration.

#### Additional Major Requirements:

6 credit hours, as follows:

- Advanced competency in at least one foreign language, as well as an academic study abroad experience or an international internship.
- Additional language courses required beyond the intermediate proficiency of the 202-level in French, German or Spanish (300-320) (Refer to Course Descriptions) is one way to meet this requirement.
- For other languages, a cultural immersion of at least 6 hours is required with approval of Director.

**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.

### Field of Concentration — Latin America

#### Freshman Year

#### First Semester

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- PHIL 100 - Ethics as Intro to Philosophy
- POLI 120 - Comparative Govt and Politics
  - Spanish Language
  - First Year Seminar

Total (15)

#### Second Semester

- POLI 277 - International Relations
- THEO 111 - Theological Foundations

- Mathematical Perspectives
- Spanish Language
- Lit. & Moral Imagination

Total (15)

## Sophomore Year

### First Semester

- POLI 374 - U.S. Foreign Policy
- ECON 200 - Microeconomic Principles
  - Spanish Language
  - Scientific Perspectives
  - Concentration Elective #1

Total (15)

### Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 372 - International Political Econom
  - Quantitative Elective
  - Spanish Language
  - Historical Perspectives (Latin America)

Total (15)

## Junior Year

- Study Abroad recommended Junior Year

### First Semester

- Concentration Elective #2
- Spanish Language
- Natural Sciences + Lab
- Philosophic Perspectives
- Free Elective

Total (15)

## Second Semester

- Concentration Elective #2
- Spanish Language
- Theological Perspectives
- Free Electives (6 hours)

Total (15)

## Senior Year

### First Semester

- International Seminar (POLI 390 or Hist.)
- Concentration Elective #4
- Free Electives (9 hours)

Total (15)

### Second Semester

- Concentration Elective #5
- Creative Perspectives
- Free Electives (9 hours)

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.
- Diversity Curriculum Elective may be used to satisfy other elements of the core or major.

## **International Studies: Post-Colonial, B.A.**

### Bachelor of Arts Degree in International Studies

#### Fields of Concentration: Europe, International Business, Latin America, or Post-Colonial Studies

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:

Europe, International Business, Latin America, or Post-Colonial Studies.

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

## History

- Historical Perspectives in the area of concentration (Europe, Asia, Africa, Latin America). Students with a concentration in International Business may take any course in any area.

## Language:

- For Spanish, French, or German - Intermediate Proficiency, plus 6 hours of 300-320.
- For other modern language, such as Arabic, Chinese, Italian, and Japanese: Intermediate Proficiency plus 6 hours when available either at Xavier or another institution, such as the University of Cincinnati.

## Statistics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics or
  - Equivalent

## Study Abroad:

- Required. Students may study in the country of their choice. Students may choose short Xavier faculty-led summer programs or full semester programs.

## Required Courses for All Concentrations

18 credit hours, as follows

### 6 hours of specific courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations

### 3 hours from a choice of either:

- POLI 390 - Sem: International Relations
  - HIST 400 Level Seminar: International topic with approval of Director

### 3 hours from a choice of either:

- POLI 374 - U.S. Foreign Policy
- HIST 428 - SEM: Latin Amer Revolutions

### 3 hours from a choice of either:



- POLI 372 - International Political Econom
- ECON 300 - Int'l Trade & Bus Environment

### 3 hours from study abroad:

- You may study in the country of your choice. A minimum of three credit hours must be taken

### 15 hours of courses in a chosen concentration:

### Post-Colonial:

- ECON 316 - Globalization
- ECON 341 - Economics of Developing Countries
- ENGL 344 - Major Black Writers of the World
- ENGL 352 - African Literature
- HIST 277 - History of the Caribbean
- HIST 340 - History of Mexico
- HIST 344 - Contemporary Latin America
- HIST 345 - History of Central America
- HIST 346 - Modern Japan
- HIST 350 - Globalization
- HIST 370 - The British Empire
- HIST 301 - Colonial America
- HIST 316 - West African History
- HIST 395 - History of South Africa
- HIST 467 - Soviet Russian Foreign Policy
- POLI 219 - Irish Government and Politics
- POLI 224 - Middle East Politics
- POLI 234 - Chinese Politics
- POLI 280 - Irish Political Culture
- POLI 316 - Globalization
- POLI 320 - Global Islamic Politics
- SOCI 270 - Irish Historical Sociology
- SPAN 351 - Latin American Civilization I
- SPAN 352 - Latin American Civilization II
- THEO 309 - West African Religions
- THEO 316 - Globalization
- THEO 335 - African Religions
- THEO 343 - Dialogue Among World Religions
- THEO 344 - Far Eastern Religions
- THEO 355 - Islam
- THEO 357 - Islamic Philosophy & Theology
- THEO 368 - Buddhism
- THEO 374 - Buddhist Christian Exploration

### Note(s):

- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses must come from two or more disciplines; no more than three courses in Modern Languages and English combined or three courses from History may count toward the Concentration.

## Additional Major Requirements:

6 credit hours, as follows

- Advanced competency in at least one foreign language, as well as an academic study abroad experience or an international internship.
- Additional language courses required beyond the intermediate proficiency of the 202-level in French, German or Spanish (300-320) (Refer to Course Descriptions) is one way to meet this requirement.
- For other languages, a cultural immersion of at least 6 hours is required with approval of the Director.

**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.

### Field of Concentration — Post-Colonial

#### Freshman Year

#### First Semester

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- PHIL 100 - Ethics as Intro to Philosophy
- POLI 120 - Comparative Govt and Politics
  - Second Language
  - First Year Seminar

Total (15)

#### Second Semester

- POLI 277 - International Relations
- THEO 111 - Theological Foundations
  - Math Perspectives
  - Second Language
  - Lit. & Moral Imagination

Total (15)

## Sophomore Year

### First Semester

- POLI 374 - U.S. Foreign Policy
- ECON 200 - Microeconomic Principles
  - Second Language
  - Scientific Perspectives
  - Concentration Elective #1

Total (15)

### Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 372 - International Political Econom
  - Quantitative Elective
  - Second Language
  - Historical Perspectives (Africa, Latin America, or Asia)

Total (15)

## Junior Year

- Study Abroad recommended Junior Year

## First Semester

- Concentration Elective #2
- Second Language
- Natural Sciences + Lab
- Philosophic Perspectives
- Free Elective

Total (15)

## Second Semester

- Concentration Elective #3
- Second Language
- Theological Perspectives
- Free Electives (6 hours)

Total (15)

## Senior Year

### First Semester

- International Seminar (POLI 390 - Sem: International Relations or Hist.)
- Concentration Elective #4
- Free Electives (9 hours)

Total (15)

### Second Semester

- Concentration Elective #5
- Creative Perspectives
- Free Electives (9 hours)

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.
- Diversity Curriculum Electives may be used to satisfy other elements of the core or major.

## Land, Farming and Community, B.A.

Through a combination of classroom-based and experiential on-site learning; attention to the science and art of agriculture; and focus on both the necessity and benefits of small-scale, sustainable, and diversified food production in the context of a Jesuit education, Xavier's Land, Farming and Community degree (LAND) offers students the opportunity to become stewards of healthy, productive soils, communities, and regions through growing, processing and distributing food. The final three semesters of the degree program are spent largely in the field, either practicing agriculture or working in a related industry in a Land, Farming and Community practicum.

## Requirements for the Land, Farming and Community Major

### Core Curriculum Requirements

Consult the Undergraduate Core Curriculum requirements of the Catalog.

### Major Requirements

- ACCT 200 - Introductory Financial Acct
- BIOL 210 - General Botany
- BIOL 211 - General Botany Lab
- 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 270 - Introduction To Entomology
  - BIOL - Agroecology I and II (6)
- ECON 200 - Microeconomic Principles
- ECON 320 - Natural Resource Economics

- ECON - Environment, Economics and Policy (3)
- EDUC - Educating for Place (3)
- ENTR 311 - New Venture Planning

## Required Core Courses with Ecological Focus: 6 Credit Hours

- ENGL 348 - Literature and the Environment (3)
- THEO 379 - Simple Faith (3)
- CHEM 102 - Chemistry: Environ & Energy AND
- CHEM 103 - Chemistry: Environ & Ener Lab

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

## B.S. Land, Farming and Community

### Freshman Year

#### Fall Semester

- Historical Perspectives
- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations
  - Foreign Language I
- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
  - CORE 101

TOTAL (17)

#### Spring Semester

- CORE 100 - First Year Seminar
- CORE 102
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
  - Mathematical Perspectives
  - Foreign Language II
- SUST 391 - LAND Practicum

TOTAL (15)

## Sophomore Year

### Fall Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- ECON 200 - Microeconomic Principles
- ACCT 200 - Introductory Financial Acct
  - SUST 370 - Agroecology
  - SUST 371 - Agroecology Lab
  - SUST 391 - LAND Practicum

TOTAL (15)

### Spring Semester

- ENTR 311 - New Venture Planning
- PHIL 100 - Ethics as Intro to Philosophy
  - HIST 398 - History of Agriculture
  - THEO 256 - Theologies of Food and Farming
  - SUST 391 LAND Practicum
  - Elective

TOTAL (16-17)

## Junior Year

## Fall Semester

- ECON 320 - Natural Resource Economics
- BIOL 210 - General Botany OR
- CHEM 102 - Chemistry: Environ & Energy AND
- CHEM 103 - Chemistry: Environ & Ener Lab
  - SUST 405 - Sustainable Communities
  - SUST 391 - LAND Practicum
- ENGL 205 - Literature & Moral Imagination

TOTAL (14-15)

## Spring Semester

- BIOL 270 - Introduction To Entomology OR
- CHEM 102 - Chemistry: Environ & Energy AND
- CHEM 103 - Chemistry: Environ & Ener Lab
  - ECON 421 - Environment, Economics & Policy
  - SUST 393 - LAND Practicum
  - Creative Perspectives
- PHIL 290 - Theory of Knowledge

TOTAL (16-17)

## Senior Year

### Fall Semester

- SUST 399 - LAND Practicum
- SUST 400 - LAND Capstone
- Elective

TOTAL (15)

### Spring Semester



- SUST 399 - LAND Practicum
- SUST 400 - LAND Capstone

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 or the major.
- Diversity Curriculum Requirement electives may be used to satisfy other elements of the core or major.
- A minimum of 120 credit hours is required for the degree.

## 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

(included in the major)

## Major Requirements:

50 credit hours, as follows

### 21 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 450 - International Economics
- STAT 211 - Statistics For Business II

### 6 hours from:

- ECON 310-499 (Refer to Course Descriptions), which must include 3 hours of ECON courses at the 400 level.

### 23 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
- And 1 hour of directed study in culture & civilization from FREN 496.

## German:

- 21 hours from GERM 300-490 (Refer to Course Descriptions.)
- 1 hour of senior research from GERM 499
- And 1 hour of directed study in culture & civilization from GERM 496.

## 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 from SPAN 499
- And 1 hour of directed study in culture & civilization from SPAN 496.

## 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

- STAT 211 - Statistics For Business II
- PHIL 290 - Theory of Knowledge
  
- ENGL 205 - Literature & Moral Imagination
- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin
  - 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)
  - Modern Language (directed study) (1)

Total (16)

## 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.**

## Requirements for the Music Major

### Core Curriculum Requirements:

45 credit hours in addition to the requirements for the major (see Undergraduate Core Curriculum in the Catalog).

### Major Requirements:

40 credit hours, as follows

#### 28 hours from:

- MUSC 199 - Recital Attendance
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- MUSC 210 - Music History I
- MUSC 211 - Music History II
  - MUSC 212 - World & Popular Music
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- MUSC 303 - Aural Skills IV
- MUSC 310 - Music History III: Seminar
- MUSC 400 - Form and Analysis

#### 6 hours of Private Lessons from:

- MUSC 278-299 (Refer to Course Descriptions.)

#### 6 hours of participation in a large ensemble:

- MUSC 259 - XU Men's Chorus
- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 270 - Chamber Orchestra

### Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons.
- Pass a piano proficiency examination before graduation..
- Present a recital (MUSC 450) or write a thesis in major area of concentration during the final year.
- Recital attendance (minimum of 42 recitals, 7 each semester of MUSC 199).

### Note(s):

- A 2.000 cumulative average must be attained in these music courses.
- Students are admitted to the degree programs based upon their musicality and musical literacy rather than on performance accomplishments. Musical background and proficiency in an applied instrument/voice will determine placement within the department.
- For a copy of Policies and Guidelines, contact the Department of Music Office.

## 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
  - Private lesson
  - Large Ensemble
  - CORE 100 - First-Year Seminar
  - Foreign Language Elective 1
  - Scientific Perspectives

Total (15)

#### Second Semester



- MUSC 199 - Recital Attendance
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- THEO 111 - Theological Foundations
  - Private lesson
  - Large Ensemble
  - Foreign Language Elective 2
  - Natural Science Elective

Total (15)

## Sophomore Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 210 - Music History I
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (15)

### Second Semester

- MUSC 199 - Recital Attendance
- MUSC 211 - Music History II
- MUSC 303 - Aural Skills IV
- PHIL 100 - Ethics as Intro to Philosophy
  - Private lesson
  - Large Ensemble
  - Mathematical Perspectives
  - Free Elective

Total (15)

## Junior Year

### First Semester

- MUSC 199 - Recital Attendance
- Private Lesson
- Large Ensemble
- Theological Perspectives
- ENGL/CLAS/SPAN 205 - Literature & The Moral Imagination
- Free Elective
- MUSC 310 - Music History III: Seminar

Total (17)

### Second Semester

- MUSC 199 - Recital Attendance
- MUSC 304 - Producing Electronic Music I
- MUSC 400 - Form and Analysis
  - MUSC 450 - Senior Recital
  - Private Lesson
  - Large Ensemble
  - Theological Perspectives
  - Free Elective
  - Free Elective

Total (14)

## Senior Year

### First Semester

- Humanities Elective
- Philosophical Perspectives
- Free Elective
- Free Elective
- Free Elective

Total (15)

## Second Semester

- Historical Perspectives
- Social Science Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

## Scheduling Notes:

- The number of free electives will be reduced if the 5 "flag" requirements (ERS, Diversity, Writing, Oral, and Quantitative) are not fulfilled by courses in the core or major.

## 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:

39 credit hours, as follows

12 hours beyond PHIL 100 (which is not part of the major):

- PHIL 200 - Philosophical Perspectives
- PHIL 311 - Logic
- PHIL 340 - Metaphysics
- PHIL 398 - Thesis Review I (minimum grade of C)
- PHIL 399 - Thesis Review II (includes thesis and oral examination)

9 hours of History of Philosophy:

- PHIL 301 - Ancient Philosophy
  
- PHIL 302 - Medieval Christian Philosophy or
- PHIL 309 - Medieval Islamic Phil & Influe or
- PHIL 363 - Medieval Political Philosophy
  
- PHIL 304 - Early Modern Philosophy

15 hours of major electives chosen from:

- PHIL 300-397

3 hours of electives, other than any classes fulfilling core curriculum requirements, from one of the following departments:

- Classics and Modern Languages (other than language instruction)
- English
- History
- Theology

## Additional Requirements:

- At least one course numbered 300-397 must be a seminar, which may be restricted to students majoring or minoring in Philosophy.

## Note(s):

- A 2.000 cumulative average must be attained for all PHIL courses.

- A minimum grade of C is required in PHIL 398.

## 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.

Candidates for departmental honors will have the following requirements, in addition to the standard requirements for the major:

### Co-requirements: foreign language and mathematics

- Foreign language: by the conclusion of senior year, candidates for departmental honors will have to pass a translation exam in Latin, Greek, French, or German. The exam will allow students two hours to translate one page of a text with the use of a dictionary. The time of the exam and the passage translated will be determined by faculty from the department. This examination does not count for any credit hours.
- Mathematics: candidates for departmental honors will be required to complete at least 6 hours of mathematics; the courses will be determined by their math placement exam upon matriculation to the University. The courses may also fulfill core curriculum requirements.

### Honors Thesis:

- To receive departmental honors, a student must receive a minimum grade of B+ on his or her senior thesis.

### Written Comprehensive Exam:

- Candidates for departmental honors will take a written comprehensive exam consisting of four questions. One question will come from each course in the student's nine-hour history of philosophy sequence, and one will come from a course of the student's own choosing.

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

### 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.

## 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:

Take Statistics with either

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics
  - Plus 3 hours of MATH elective

### 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 personal 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 Politi
- 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 Politi
- 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

- CLAS 205 - Classical Lit & Moral Imagina or
  - ENGL 205 - Literature & Moral Imagination or
  - GERM 205 - Reflections Of Crime or
  - SPAN 205 - Hispanic Lit & Moral Imagin
- 
- 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

Total (15)

## 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

Total (15)

### Scheduling Notes:

- Total credit hours required is 120.Total Political Science Hours is 33.
- Political science major includes 5 required courses (120, 140, 277, 301, Senior Seminar) + 6 elective courses.Political Science majors are also required to complete Microeconomics, Macroeconomics and one Math statistics course (Math 116 or 156).Note that Math 116/156 also fulfills the requirement for a quantitative reasoning elective.
- 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.
- 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.

### Bachelor of Arts degree for Communication Arts majors

The Communication Arts Majors will help students understand many aspects of the human communication process, develop essential skills, and form positive attitudes toward the role that, as educated adults, they will play in society. Basic skills in written and spoken communication receive emphasis in all four communication majors: advertising, communication studies, electronic media, and public relations. In order to complete all requirements for the degree, students should formally declare one of the four departmental majors preferably by the end of their freshmen year. Departmental guidance is necessary to ensure proper sequencing of classes. Proficiency in writing skills is required in all majors, and continued improvement in writing and speaking skills is expected. Qualified communication arts students are encouraged to take advantage of internship opportunities in their respective majors to gain practical professional experience. Many students within the department work closely with the University's television production studio. The television studio is very active in program production for cable television and industrial usage and the production, post production, and editing facilities utilize students in a number of roles and encourage the development of high professional standards. The Xavier University Vonder Haar Chapter of the Public Relations Society of America (PRSSA) and many other organizations and clubs provide opportunities for students to network with area professionals and gain meaningful practical experience.

### Public Relations

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.

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### 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 - Jr Sem: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 each major.
- Since each major recommends certain courses as COMM electives, it is important that students work closely with their academic advisors in the choice of these electives.

## **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
  - Plus 3 hours of Mathematical Perspectives.

## 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 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
  - Foreign Language
  - History I Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
  - CORE 100
  - CORE 101
- SOCI 101 - Introduction to Sociology

##### Second Semester

- Foreign 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 programs for majors in German, French, and Spanish offered by the Department of Modern Languages provide an opportunity for the development of proficiency in the spoken and written language, as well as a study of the literature and civilization in areas where the language is spoken.

Students are encouraged to combine a modern language major with a second major or a related minor.

Undergraduates who wish to be licensed as teachers of French, German, or Spanish 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 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.
- Completion of 28 hours of upper division courses (300-499) taught in the foreign language.
- A 2.5 cumulative grade-point average must be attained in the major courses.

## 28 credit hours, as follows:

### 3 hours of language from either:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II

### 3 hours of language from:

- SPAN 302-306 (Refer to Course Descriptions ).

### 6 hours of language/culture:

- SPAN 328 - Phonetics and Dialectology
- SPAN 370 - Intro Lit Analysis & Criticism

### 3 hours of culture from:

- SPAN 350-352 (Refer to Course Descriptions ).

### 6 hours of literature from:

- SPAN 497 - Directed Study: Literature
  - SPAN 400-490 (Refer to Course Descriptions ).

### 6 hours of major electives selected from:

- SPAN 300-497, except SPAN 353. (Refer to Course Descriptions ).

### 1 hour of senior research project:

- SPAN 499 - Senior Research Project

## 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 Literature
- THTR 120 - Acting I
  - THTR 150 - Stagecraft
- THTR 198 - Theatre Technology Workshop \*
- THTR 199 - Theatre Performance Workshop \*
  - THTR 201- Theatre History I
  - THTR 202 -Theatre History II
  - THTR 210 - Script Analysis
  - THTR 310 - Directing
  - THTR 350 - Internship

## THTR 450 - Senior Thesis

\* Students must take at least one each of 198 and 199

### Theatre Performance/Production Courses, 15 credits from:

- THTR 121 - Voice and Movement
- THTR 160 - Improvisation
  - THTR 220 - The Audition Process \*\*
  - THTR 310 - Acting II
  - THTR 330 - Set Design
  - THTR 331 - Lighting Design
  - THTR 332 - Costume Design
  - THTR 340 - Stage Management
  - THTR 420 - Acting III
  - THTR 430 - Theatre Portfolio \*\*
  - Other Classes as approved by the Chair of Theatre

\*\* Students must take either THTR 220 or 430

### 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

### 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 Elective requirement may be used to satisfy another element of the core or the major.
- 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.

### Requirements for the Theology Major

#### Core Curriculum Requirements:

48 credit hours, including

#### Theology Requirement:

- Included within the major.

#### Major Requirements:

36 credit hours, as follows

24 hours from:

- THEO 111 - Theological Foundations
- THEO 209 - The Christian Tradition I
- THEO 210 - The Christian Tradition II
- THEO 290 - Christian Doctrine Today
- THEO 295 - Senior Seminar: Ideas & Method
- THEO 303 - Christian Ethics: Methods & Q
- THEO 328 - Intro to Christian Scriptures
- THEO 351 - Intro to Hebrew Scriptures

### 3 hours from:

- A non-Christian religious traditions elective.

### 9 hours from elective courses selected from:

- THEO 201-499 (Refer to Course Descriptions.)

### 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 - The Christian Tradition I
- THEO 351 - Intro to Hebrew Scriptures
- PHIL 100 - Ethics as Intro to Philosophy
  - Mathematical Perspectives (3)
  - Creative Perspectives (3)

Total (15)

## Second Semester

- THEO 328 - Intro to Christian Scriptures
- THEO 210 - The Christian Tradition II
  - Philosophical Perspectives (3)
  - Scientific Perspectives (3)
  - General Elective (3)

Total (15)

## Junior Year

### First Semester

- THEO 303 - Christian Ethics: Methods & Q
- ENGL 205 - Literature & Moral Imagination
  - Theology Elective (3)
  - Natural Sciences Elective (3)
  - Oral Communications Flag\*\*

Total (15)

### Second Semester

- THEO 290 - Christian Doctrine Today
  - Non-Christian Religious Traditions elective
  - Diversity Core Requirement (DCR) Flag\*
  - Social Sciences Elective
  - Humanities Elective (3)\*\*\*

Total (15)

## Senior Year

### First Semester

- THEO 295 - Senior Seminar: Ideas & Method

- Theology Elective (3)
- E/RS Flag (3)
- Writing-Intensive Flag (3)\*\*
- Quantitative Reasoning Flag (3)\*\*

Total (15)

## Second Semester

- Theology Elective (3)
- General Elective (3)
- General Elective (3)
- General Elective (3)
- General Elective (3)

Total (15)

## Note(s):

- \* Diversity Curriculum requirement may be double-counted in some instances with other requirements. It may also be taken earlier than the junior year.
- \*\* The four flags (oral, writing, diversity, quantitative) can double-count liberally with major and core.
- \*\*\*Any course in the THEO 300s sequence may fulfill the Humanities Elective core requirement.

## 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.

## 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.
- A minimum of 134 credit hours is required for this degree.

## **Bachelor of Liberal Arts**

## **Bachelor of Liberal Arts with MRI Concentration**

## Magnetic Resonance Imaging (MRI) Program

The program provides comprehensive didactic and clinical education in Magnetic Resonance Imaging with graduates meeting the eligibility requirements for the ARRT's post-primary exam in MRI. **Candidates must be graduates or pending graduates from a JRCERT accredited program in Radiography.** In addition, candidates must be registered by the ARRT by the beginning of the Spring semester.

Students have two options to continue their studies in MRI:

1. Bachelor of Liberal Arts with a MRI concentration – Students would complete the required general core courses in addition to the required MRI didactic/clinical courses for a total of 120 credit hours. Depending on the amount of transfer credit hours and the additional core courses taken during each semester, this option may take longer than the traditional two years. At the completion of the course of studies, students will receive their bachelor's degree and be eligible to apply to sit for the ARRT advanced registry examination for MRI. **OR**
2. MRI Certificate Program – The applicant must be a graduate of an accredited radiologic technology program to be accepted into the MRI program. College credit hours will be awarded for the MRI didactic and clinical courses following successful completion of each course. At the completion of the program (17 credit hours), students will receive a certificate of completion and be eligible to apply to sit for the ARRT examination for MRI. Students would be able to apply these course credit hours towards the Bachelor Degree of Liberal Arts in the future.

## Note(s):

- A grade of "C-" or better must be attained in all RADT courses.
- Courses with prerequisites cannot be taken until the prerequisite courses have been successfully completed with a grade of "C-" or better.
- All students must present evidence of the following **prior to entrance in all clinical courses:**
  1. Liability insurance (\$2,000,000/\$4,000,000), purchased through the University and billed to student's account.
  2. Health history and required physical examination form
  3. MMR immunization
  4. Yearly tuberculosis skin test (two-step)
  5. Hepatitis B series
  6. Proof of current health care coverage
  7. Verification of history of varicella (chicken pox)
  8. Tetanus-Diphtheria-Acellular Pertussia (Tdap)
  9. CPR certification
- Students are responsible for these expenses as well as for uniforms, and transportation costs to the clinical sites. Students must provide their own transportation between campus and clinical sites.

## August - Pre-Semester

- RADT 300 - Introduction to MRI (This course must be completed with a "C-" or better before entering the Fall Semester and the clinical aspects of the program.)

Total (1)

## Fall Semester: Begins with the regular Fall Semester

- RADT 310 - MRI Imaging Procedures
- RADT 311 - MRI Practicum I
- RADT 320 - Physical Principles of MRI I
- RADT 330 - Advance Sectional Anatomy

Total (8)

## Spring Semester

- RADT 313 - MRI Practicum II
- RADT 321 - Physical Principles of MRI II
- RADT 340 - MRI Pathology
- RADT 350 - Management of a MRI Center

Total (8)

Total of 17 credit hours

### NOTE:

A grade of "C-" or higher must be attained in all MRI courses in order to advance to the next semester.

## Bachelor of Liberal Arts, BLA

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. It is available to any student who has 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 special accelerated Weekend Degree Program.

## Requirements for the Bachelor of Liberal Arts

### Core Curriculum Requirements:

Consult Undergraduate Core Curriculum for details.

**Upper Division Studies Requirement: 35 Credit Hours, plus LART 495, BLA Capstone course, 3 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, including LART 495, BLA Capstone course (courses numbered 200-499), with no more than 21 hours from one

subject area.

- It is recommended that these 38 hours be distributed across two academic areas.
- No more 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 300 - Managerial Behavior
- MGMT 309 - Change Management
- MGMT 314 - Leadership

#### Electives: 9 Credit Hours (Select from the following list)

- MGMT 301 - Managerial Communications
- MGMT 325 - International Management
- MGMT 385 - Project Management
- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics
- 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)

- COMM 477 - Strat Comm Ethics Society
- MGMT 300 - Managerial Behavior
- MGMT 301 - Managerial Communications
- INFO 120 - Introduction to Business Tech
- INFO 220 - Mgmnt of Info Tech

Free Electives: 10 Credit Hours

TOTAL REQUIRED for BLA DEGREE: 120 Credit Hours

Note(s):

**Two other Bachelor of Liberal Arts degree programs are available in the College of Social Sciences, Health and Education.**

A.

See the Occupational Therapy Department for information about the Bachelor of Liberal Arts degree with a concentration in *Human Occupation Studies*.

B.

See the Radiologic Technology Department for information about the Bachelor of Liberal Arts degree with a concentration in *Magnetic Resonance Imaging (MRI)*.

## **Bachelor of Liberal Arts/Master of Occupational Therapy (B.L.A. to M.O.T.)**

To complete the MOT degree, students will initially obtain a BLA with a concentration in Human Occupation Studies and a University approved minor or second concentration. The BLA will be obtained upon completion of the first semester of the 4th year. Graduate coursework will begin second semester of the fourth year, and continue during the 5th year. It will culminate in a 6 month, post academic internship; the entire course of study spans 5 ½ years. Transfer students who are certified occupational therapy assistants may receive transfer credit for some of the BLA requirements depending on the articulation agreement worked out with the occupational therapy assistant program previously attended.

## Requirements for the BLA to MOT

### Note(s):

*Complete undergraduate prerequisite courses and earn no more than two "C" or lower letter grades in each course, as follows:*

### Undergraduate core curriculum requirements:

See Undergraduate Core Curriculum

### Upper Division Studies Requirement:

38 credit hours of upper division work, as follows:

### Complete 23 hours from:

- HOCS 301 - Human Occupation Across Lifesp
- HOCS 303 - Technlgy for Life Participatn
- HOCS 321 - Analysis of Occupational Perfo
- HOCS 323 - Occupatnl Justice I:Foundations
- HOCS 401 - Transformative Nature of Occup
- HOCS 403 - Creative & Systematic Inquiry
- HOCS 405 - Occupatnl Justice II: Indp Stu
- HOCS 411 - Condns Influencing Participn

### Note(s):

- These HOCS courses are required for the Concentration in Human Occupation Studies (HOCS).
- Complete at least 15 hours in a required Minor or a 2nd concentration within the BLA.

### Additional OT requirements:

6 hours of Neuroscience and Kinesiology from:

- BIOL 204 - Functional Neuroscience
  - HOCS 386 - Advanced Kinesiology
  - HOCS 387 - Advanced Kinesiology Lab

3 hours of Bioethics from:

- PHIL 329 - Bioethics (can be taken as the required Philosophy elective course in the undergraduate core)

Note(s):

- A minimum of 120 credit hours is required for the BLA degree; and an overall cumulative GPA of at least 3.000 must be attained.

## Bachelor of Liberal Arts (BLA) to Master of Occupational Therapy (MOT)

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

### First Year

#### First Semester

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health
- PSYC 101 - General Psychology
  - Foreign Language Elective 101 or 102 (3)
  - General Elective
  - First Year Seminar
  - First Year Passport

Total (16)

## Second Semester

- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- THEO 111 - Theological Foundations
  - Historical Perspectives
  - Foreign Language Elective 102 or 201 (3)
  - First Year Passport
- ENGL 115 - Rhetoric

Total (16)

## Second Year

### First Semester

- PHIL 100 - Ethics as Intro to Philosophy
- PHYS 140 - Technical Physics
- PHYS 142 - Technical Physics Lab
  - Creative Perspectives Elective
  - Oral Flag
  - Foreign Language Elective 201 or General Elective
  - Minor or 2nd Concentration

Total (18)

## Second Semester

- ENGL 205 - Literature & Moral Imagination or
- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin
  - PHIL 200 - Philosophical Persepctives
  - Theological Perspectives (200 or higher)
  - Writing Flag
  - General Elective (3)



- Minor or 2nd Concentration (3)

Total (18)

## Third Year

### First Semester

- MATH 156 - General Statistics
  - Humanities Perspective
  - Minor or 2nd Concentration / General Elective (3)
  - Minor or 2nd Concentration (3)
  - Minor or 2nd Concentration/Gen Elective (3)
- HOCS 301 - Human Occupation Across Lifesp
- HOCS 303 - Technlgy for Life Participatn
- PSYC 231 - Developmental Psychology

Total (17)

### Second Semester

- MATH 158 - General Statistics II
- PHIL 329 - Bioethics
  - Minor or 2nd Concentration (3)
- HOCS 323 - Occupatl Justice I:Foundations
- HOCS 401 - Transformative Nature of Occup
- HOCS 411 - Condns Influencing Participn

Total (18)

## Fourth Year

## First Semester

- Minor or 2nd Concentration
- HOCS 386 - Advanced Kinesiology and
- HOCS 387 - Advanced Kinesiology Lab
- BIOL 204 - Functional Neuroscience
- HOCS 321 - Analysis of Occupational Perfo
- HOCS 403 - Creative & Systematic Inquiry
- HOCS 405 - Occupatnl Justice II: Indp Stu
  - CORE 499

Total (18)

Undergraduate BLA hours completed.

Graduate MOT coursework begins.

## Second Semester

- MOCT 501 - Creative & Sys Inquiry II
- MOCT 502 - Creative & Systematic Inquiry
- MOCT 503 - Tech for Life Participation II
- MOCT 505 - Techniques & Tools for OCTH Pr
- MOCT 507 - Professional Issues I
- MOCT 609 - Theoretical Found&Clin Reason

Total (14)

## Fifth Year

## First Semester

- MOCT 601 - Graduate Research Project I
- MOCT 603 - Domns&Proc I:Birth-Early Adult
- MOCT 605 - Adapt&Tech for Occ Partic I
- MOCT 607 - Level I Fieldwork:Domns&Proc
- MOCT 611 - Professional Issues II

Total (14)

## Second Semester

- MOCT 631 - Graduate Research Project II
- MOCT 633 - Dom & Proc II: Ear Ad Through
- MOCT 635 - Adapt & Tech for Occ Part II
- MOCT 637 - Level I Fieldwork: Dom & Proc
- MOCT 641 - Professional Issues III
- MOCT 779 - Applied Interprofessional Coll

Total (14)

## Fifth Year Fieldwork

- MOCT 691 - Level II Fieldwork (Jun - Sep)
- MOCT 692 - Level II Fieldwork (Sep - Dec)

Total (6)

**BLA Degree: (121 hours)**

**MOCT Courses: (48 hours)**

**MOT Degree TOTAL: (169 hours)**

## **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 (39 hours)

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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

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.

### 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

##### First Semester (fall)

- MATH 170 - Calculus I
- MATH 225 - Foundations Of Higher Math
  - Historical Perspectives
  - CORE 100 - First Year Seminar
  - CORE 101 - First Year Co-Curricular Program I (GOA)
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (16)

##### Second Semester (spring)

- MATH 171 - Calculus II
- ECON 200 - Microeconomic Principles
- MACS 101 - Intro To Actuarial Science
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
  - CORE 102 - First Year Co-Curricular Program II (GOA)

Total (16)

## Sophomore Year

### First Semester (fall)

- MATH 220 - Calculus III
- MATH 256 - Intro to Probability & Stats
- ACCT 200 - Introductory Financial Acct
- ECON 201 - Macroeconomic Principles
  - Second Language 102

Total (16)

### Second Semester (spring)

- MATH 240 - Linear Algebra
- CSCI 170 - Computer Science I
- FINC 300 - Business Finance
  - Scientific Perspectives
  - Second Language 201

Total (15)

## Junior Year

### First Semester (fall)

- MATH 311 - Probability Theory
- FINC 365 - Investments
- ENGL 205 - Literature & Moral Imagination
  - Natural Sciences Elective
  - Oral Communication

Total (16)

## Second Semester (spring)

- MATH 312 - Statistical Inference
- FINC 465 - Options & Futures Markets
- MATH 230 - Intro to Ordinary Diff Equat
  - Creative Perspectives
  - Writing Flag

Total (15)

## Senior Year

### First Semester (fall)

- PHIL 200 - Philosophical Perspectives
- Humanities Elective
- DCR Elective
- Elective
- Elective

Total (15)

### Second Semester (spring)



MACS 201 - Actuarial Mathematics

- Theological Perspectives
- E/RS Elective
- Elective
- Elective

Total (15)

Sequence for students beginning in the Fall of an even-numbered year

Freshman Year

Frist Semester (fall)

- MATH 170 - Calculus I
- MATH 225 - Foundations Of Higher Math
  - Historical Perspectives
  - CORE 100 - First Year Seminar
  - CORE 101 - First Year Co-Curricular Program I (GOA)
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (16)

Second Semester (spring)

- MATH 171 - Calculus II
- MACS 101 - Intro To Actuarial Science
- ECON 200 - Microeconomic Principles
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
  - CORE 102 - First Year Co-Curricular Program II (GOA)

Total (16)

## Sophomore Year

### First Semester (fall)

- MATH 220 - Calculus III
- MATH 311 - Probability Theory
- ACCT 200 - Introductory Financial Acct
- ECON 201 - Macroeconomic Principles
  - Second Language I

Total (16)

### Second Semester (spring)

- MATH 240 - Linear Algebra
- MATH 312 - Statistical Inference
- FINC 300 - Business Finance
  - Scientific Perspectives
  - Second Language II

Total (15)

## Junior Year

### First Semester (fall)

- MATH 256 - Intro to Probability & Stats
- FINC 365 - Investments
- CSCI 170 - Computer Science I
  - Natural Sciences Elective
  - Literature & Moral Imagination

Total (16)

## Second Semester (spring)

- FINC 465 - Options & Futures Markets
  - MACS 201 - Actuarial Mathematics
  - Oral Communication Flag
  - Writing Flag
  - Creative Perspectives

Total (15)

## Senior Year

### First Semester (fall)

- PHIL 290 - Theory of Knowledge
  - Humanities Elective
  - E/RS Elective
  - Elective
  - Elective

Total (15)

### Second Semester (spring)

- MATH 230 - Intro to Ordinary Diff Equat
  - DCR Elective
  - Theological 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.
- Writing Intensive and Oral Communication requirements may be met by other judicious choices of courses listed in the grid above.

## Applied Biology, B.S.

# Xavier University - Duke University Cooperative Forestry and Environmental Management Programs

This program is designed to coordinate the education of undergraduate students at Xavier with graduate programs in the Duke University School of the Environment. 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.

## Requirements for the Applied Biology Major

### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

### Mathematical Perspectives:

- MATH 140/150

### Scientific Perspectives, Natural Science Elective, Oral Communication and Written Communication Flags:

- Included within the major

### 3 hours of Social Sciences, including:

- ECON 320 - Natural Resource Economics

### Major Requirements:

45 credit hours, as follows

### 29 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 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
  - BIOL 299 - Introduction to Research Methods in Biology
- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
- BIOL 398 - SEM: Environmental Studies
- BIOL 496 - Senior Capstone Seminar
- BIOL 497 - Experimental Biology Lab
- BIOL 498 - Methods of Biol Research I
- BIOL 499 - Methods of Biol Research II

### 16 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

### 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. Applied 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
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar
  - 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
- ECON 200 - Microeconomic Principles
  - CORE 102 - GOA
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar

Total (17)

## Sophomore Year

### First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
  - MATH 140/150
  - Second Language I
  - Historical Perspectives
  - Creative Perspectives

Total (16)

### Second Semester

- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
  - BIOL 299 - Introduction to Research Methods in Biology
- ECON 320 - Natural Resource Economics
- ENGL 205 - Literature & Moral Imagination
  - Second Language II

Total (16)

## Junior Year

### First Semester

- BIOL 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 497 - Experimental Biology Lab

or

- BIOL 498 - Methods of Biol Research I
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
  - Philosophical Perspectives
- MATH 156 - General Statistics

Total (15-17)

## Second Semester

- BIOL 496 - Senior Capstone Seminar

or

- BIOL 499 - Methods of Biol Research II
- BIOL 398 - SEM: Environmental Studies
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
  - Humanities Elective
  - Theological Perspectives Elective
  - Social Science Elective (DCR)

Total (16-18)

## Senior Year

During the junior year the student applies for admission to Duke University. The BS Applied Biology 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.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## Applied Chemistry, B.S.

The Department of Chemistry offers a curriculum that leads to the BS degree in Applied Chemistry. This program is intended for those students interested in pursuing an undergraduate degree with emphasis on the liberal arts while preparing for graduate work in chemical engineering. Completion of the major requirements in chemistry, physics, and mathematics enable the student to apply to graduate programs in chemical engineering.



## Requirements for the Applied Chemistry Major

### Core Curriculum Requirements:

48 credit hours, including

#### Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

#### Science:

- Requirement included within the major

### Major Requirements:

72 credit hours, as follows

#### 38 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 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 330 - Quantum Chemistry
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research/Seminar

- CHEM 420 - Inorganic Chemistry

### 14 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
  - ENGR 370 - Fluid Mechanics
  - ENGR 384 - Heat Transfer

### 10 hours of additional mathematics from:

- MATH 220 - Calculus III
  - MATH 222 - Applied Linear Algebra
- MATH 230 - Intro to Ordinary Diff Equat

### 6 hours of computer science from:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II

### Note(s):

- A 2.000 cumulative average must be attained in the chemistry courses.

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

## B.S. Applied Chemistry

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

### Freshman Year

#### First Semester

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 170 - Calculus I
- PHYS 170 - University Physics I
- PHYS 161 - Introductory Physics Lab I
  - CORE 100 - First Year Seminar

or

- THEO 111 - Theological Foundations

Total (15)

## Second Semester

- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 171 - Calculus II
- PHYS 172 - University Physics II
- PHYS 163 - Introductory Physics Lab II
  - CORE 100 - First Year Seminar
- THEO 111 - Theological Foundations

Total (15)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 220 - Calculus III
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language II
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (17)

## Second Semester

- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- MATH 230 - Intro to Ordinary Diff Equat
  - Second Language II

Total (14)

## Junior Year

### First Semester

- CHEM 300 - Intro to Chem Research
- CHEM 320 - Physical Chemistry I
- CHEM 340 - Instrumental Analysis
  - MATH 222 - Applied Linear Algebra
  - Historical Perspectives
  - Humanities Elective

Total (16)

### Second Semester

- CHEM 322 - Physical Chemistry II
- CHEM 341 - Instrumental Analysis Lab
- ENGL 205 - Literature & Moral Imagination
  - ENGR 370 - Fluid Mechanics
  - PHIL 200 - Philosophical Perspectives
  - Theological Perspectives Elective

Total (15)

## Senior Year

### First Semester

- CHEM 400 - Research/Seminar
- CHEM 420 - Inorganic Chemistry
- CSCI 170 - Computer Science I
  - ENGR 384 - Heat Transfer
  - Creative Perspectives Elective

Total (13)

### Second Semester

- CHEM 330 - Quantum Chemistry
- CHEM 400 - Research/Seminar
- CSCI 180 - Computer Science II
  - Social Science Elective
  - E/RS Elective \*
  - Diversity Curriculum Elective

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- \* May double count with other core courses
- 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.

## Applied Physics, B.S., Option A: Alternate Concentration

### Bachelor of Science Degree in Applied Physics

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts, along with specialized training for students interested in engineering, medical school, health sciences, education, business, social sciences, or the humanities.

The Alternate Concentration option provides maximum flexibility to students who are interested in pursuing interdisciplinary programs. This program combines the study of physics with a concentrated study in another area or discipline. Concentrations must include at least 18 hours in one chosen area, and allows for almost all University minors to be included within the program electives. Areas of concentration may be chosen from the sciences, mathematics, the humanities, the social sciences, business, and education. If mathematics is selected as an area of concentration, the courses must be in addition to those required by the Applied Physics major.

## Requirements for the Applied Physics Major with Alternate Concentration

### Core Curriculum Requirements:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

### Mathematical Perspectives:

- MATH 170 - Calculus I

### Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

- Included within the major.

### Major Requirements:

67 credit hours, including:

#### 35 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Physics Lab
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

## Additional Major Requirements

- 32 credit hours, as follows

### 14 hours of Mathematics and Computer Science:

- CSCI 170 - Computer Science I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- MATH 230 - Intro to Ordinary Diff Equat

### 18 hours in an alternate concentration:

- At least 18 hours in one area determined in consultation with the chair. If the concentration is in mathematics, the 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**

## B.S. Applied Physics

### Option A: Alternate Concentration

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

### Freshman Year

## First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 170 - Calculus I
  - First Year Seminar
- ENGL 101 - English Composition
- or
- ENGL 115 - Rhetoric

Total (14)

## Second Semester

- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- MATH 171 - Calculus II
- CSCI 170 - Computer Science I
- THEO 111 - Theological Foundations

Total (14)

## 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 - Calculus III
  - Second Language I

Total (16)

### Second Semester



- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- MATH 230 - Intro to Ordinary Diff Equat
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language II
  - ENGR 180 - Intro to MATLAB (recommended)

Total (14)

## Junior Year

### First Semester

- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 355 - Advanced Physics Lab
  - Program Electives \* (4)
  - Historical Perspectives Elective

Total (15)

### Second Semester

- Program Electives\* (4)
- Theological Perspectives Elective
- Lit. & Moral Imagination 205
- DCR or General Elective
- PHIL 200 - Philosophical Perspectives

Total (16)

## Senior Year

### First Semester

- PHYS 395 - Physics Research

- Program Electives\* (6)
- Social Science Elective
  
- Writing Intensive or General Elective
  
- E/RS or General Elective

Total (16)

## Second Semester

- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 398 - Physics Thesis
  - Program Elective \* (4)
  
  - Creative Perspectives elective
  
  - E/RS or General Elective

Total (15)

## Scheduling Notes:

\* Program electives will depend on the student's choice of concentration. Specific block schedules are determined in consultation with the chair. If the concentration is in mathematics, the courses must be in addition to those already required by the major.

- 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.

## Applied Physics, B.S., Option B: Natural Sciences

### Bachelor of Science Degree in Applied Physics

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts, along with specialized training for students interested in engineering, medical school, health sciences, education, business, social sciences, or the humanities.

The Natural Sciences option offers an alternative to the Natural Sciences major that allows students to study physics while preparing for medical, dental, or veterinary school. This program may also be of interest to students who wish to pursue careers in medical physics, radiological physics, and other health physics programs. The Natural Sciences program combines courses in physics, mathematics, and computer science with the chemistry and biology courses needed to fulfill the requirements for the Natural Sciences minor.

It is recommended that students interested in the Applied Physics/Natural Sciences program also consider the Biophysics program as an alternative.

## Requirements for the Applied Physics Major with a Natural Sciences concentration

### Core Curriculum Requirements:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

### Mathematical Perspectives:

- MATH 170 - Calculus I

### Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

- Included within the major.

### Social Sciences Elective:

- PSYC 101 - General Psychology

or

- SOCI 101 - Introduction to Sociology

Note - both courses are required for the MCAT

### Major requirements:

76 credit hours, including:

### 33 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I

- PHYS 331 - Modern Physics I Lab
- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

## Additional Major Requirements

43 credit hours, as follows

14 hours of Mathematics and Computer Science from:

- CSCI 170 - Computer Science I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- MATH 230 - Intro to Ordinary Diff Equat

16 hours of Chemistry courses 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

13 hours of Biology courses from:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 440 - Biochemistry

Note(s):

- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.
- In order to be on track to take the MCAT between the junior and senior year, pre-med students should take General Chemistry I and II (plus labs) during their first year. Pre-med students are strongly encouraged to speak to their advisor regarding their course schedule as soon as possible.
- 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 minimum competences for first year medical students but are not required for MCAT performance.

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

- This number assumes that the ER/S, DCR and Writing Intensive Electives are fulfilled with other core courses.

## B.S. Applied Physics

### Option B: Natural Sciences

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

### Freshman Year

#### First Semester

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 170 - Calculus I
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
  - First Year Seminar

Total (15)

#### Second Semester

- CHEM 162 - General Chemistry II

- CHEM 163 - General Chemistry II Lab
- MATH 171 - Calculus II
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- THEO 111 - Theological Foundations

Total (15)

## Sophomore Year

### First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- MATH 220 - Calculus III
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric

Total (16)

### Second Semester

- MATH 230 - Intro to Ordinary Diff Equat
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- PHIL 100 - Ethics as Intro to Philosophy

Total (15)

## Junior Year

### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- BIOL 440 - Biochemistry
- PSYC 101 - General Psychology
  - Second Language I

Total (18)

## Second Semester

- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- CSCI 170 - Computer Science I
- SOCI 101 - Introduction to Sociology
  - Lit. & Moral Imagination 205
  - Second Language II
  - Writing Intensive elective

Total (16)

## Senior Year

### First Semester

- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 395 - Physics Research
  - Historical Perspectives elective
  - PHIL 200 - Philosophical Perspectives
  - Humanities elective

Total (16)

## Second Semester

- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 398 - Physics Thesis
  - Creative Perspectives elective
  - Theological Perspectives elective
  - E/RS Focus Elective
  - DCR elective

Total (17)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" description 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.

## 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:

48-63 Credit Hours dependent on courses taken, including

### Mathematical Perspectives:



- MATH 140/150 or
- MATH 170 - Calculus I

and

- MATH 156 - General Statistics

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:

39 credit hours, as follows

22 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
  - BIOL 299 - Introduction to Research Methods in Biology
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- 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

## 6 electives from:

- BIOL 210-495 (Refer to Course Descriptions), including

## At least one course from:

- BIOL 222 - Immunology
- BIOL 360 - Cell Biology
- BIOL 364 - Virology
- BIOL 440 - Biochemistry
- BIOL 460 - Developmental Biology and
- BIOL 461 - Developmental Biology Lab

## At least one course from:

- BIOL 240 - Evolution
- BIOL 244 - Animal Behavior
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 255 - Tropical Ecology
- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab

## And one of the three lecture/ lab combinations from:

- BIOL 210 - General Botany and
- BIOL 211 - General Botany Lab

or

- BIOL 270 - Introduction To Entomology

and

- BIOL 271 - Introduction To Entomology Lab

or

- BIOL 450 - General Microbiology and
- BIOL 451 - General Microbiology Lab

## Note(s):

- A 2.000 cumulative average must be attained in the 36 hours of biology courses.
- Up to 4 hours of independent study (either BIOL 290 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 101 - GOA
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar

**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 102 - GOA

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

or

- CORE 100 - First Year Seminar

Total (14)

## Sophomore Year

### First Semester

- PHIL 200 - Philosophical Perspectives Elective
- Second Language I
- Social Science Elective \*\*\*
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 150 - Elements of Calculus I

Total (16)

### Second Semester

- BIOL 299 - Introduction to Research Methods in Biology
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- Second Language II
- Theological Perspectives Elective
- Historical Perspectives

Total (16)

## Junior Year

### First Semester

- BIOL Elective \* (3-5)
- Historical Perspectives Elective
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- PHYS 160 - College Physics I \*\*\*
- PHYS 161 - Introductory Physics Lab I
- MATH 156 - General Statistics

Total (15-17)

## Second Semester

- BIOL Elective \* (3-4)
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- PHYS 162 - College Physics II \*\*\*
- PHYS 163 - Introductory Physics Lab II
  - Creative Perspectives Elective
  - General Elective

Total (17-18)

## Senior Year

### First Semester

- BIOL 497 - Experimental Biology Lab
- or
- BIOL 498 - Methods of Biol Research I
  - BIOL Elective \* (3-4)
- ENGL 205 - Literature & Moral Imagination
  - Diversity Curriculum Requirement \*\*
  - General Electives

Total (13-15)

### Second Semester

- BIOL 496 - Senior Capstone Seminar

or

- BIOL 499 - Methods of Biol Research II
  - BIOL Electives \* (5)
  - E/RS Focus Elective\*\*
  - Humanities Elective
  - General Elective

Total (15-16)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- FRESHMAN YEAR: ALTERNATIVE COURSES: CAN TAKE HISTORICAL PERSPECTIVES, CREATIVE PERSPECTIVES OR HUMANITIES ELECTIVE INSTEAD OF PHIL 100.
- \* In addition to the other biology elective distribution requirements, Botany 210/211, Entomology 270/271, or General Microbiology 450/451 must be taken for the degree.
- \*\* DCR & E/RS may double count with other core courses. Use "Attribute Type" when searching for courses.
- \*\*\* For medical school/MCAT requirements, take PHYS 160 - 163 in the sophomore year and Biology electives in the junior year, including BIOL/CHEM 440 in the fall of the junior year, BIOL 354/355 in the spring of junior year. PSYC 101 and SOCI 101 must be taken before the MCAT.
- 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.

## 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:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

## Mathematical Perspectives:

- MATH 170 - Calculus I

## Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

- Included within the major.

## Major Requirements:

71 credit hours, including:

### 25 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- PHYS 350 - Theoretical Mechanics I
  - PHYS 387 - Biophysics
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

### 16 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

### 8 hours of biology courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 440 - Biochemistry

### 7 hours of mathematics courses:

- MATH 171 - Calculus II
- MATH 230 - Intro to Ordinary Diff Equat

### 15 credit hours of natural sciences electives:

At least five hours of electives must be in physics.

- BIOL 222 - Immunology
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 360 - Cell Biology
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
  
- CHEM 220 - Principles of Physical Chem
- CHEM 320 - Physical Chemistry I
- CHEM 322 - Physical Chemistry II
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 330 - Quantum Chemistry
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
  
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 355 - Advanced Physics Lab
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 376 - Quantum Mechanics I
- PHYS 377 - Quantum Mechanics II
- PHYS 382 - Thermodynamics

### 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
- Students interested in an advanced degree in biophysics are encouraged to take PHYS 382 Thermodynamics as one of their physics electives.

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

- This number assumes that at least one of the ER/S, DCR or Writing Intensive Electives are fulfilled with other core courses.

## B.S., Biophysics

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

### Freshman Year

#### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- MATH 170 - Calculus I
  - First Year Seminar

Total (16)

#### Second Semester

- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- MATH 171 - Calculus II
- THEO 111 - Theological Foundations
- PHIL 100 - Ethics as Intro to Philosophy

Total (14)

## 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
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric
  - Second Language I

Total (15)

### Second Semester

- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 230 - Intro to Ordinary Diff Equat
  - Second Language II

Total (14)

## Junior Year

### First Semester

- PHYS 350 - Theoretical Mechanics I
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
  - PHYS/CHEM/BIOL Elective (3)
  - Philosophy 200 - Philosophical Perspectives
  - Lit. & Moral Imagination 205

Total (16)

## Second Semester

- Physics Elective (3)
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
  - Theological Perspectives
  - Historical Perspectives
  - PHYS/CHEM/BIOL Elective (3)

Total (16)

## Senior Year

### First Semester

- BIOL 440 - Biochemistry
- PHYS 395 - Physics Research
  - Physics Elective (3)
  - Social Sciences elective
  - Humanities elective
  - DCR or General elective

Total (16)

## Second Semester

- PHYS 387 - Biophysics (3)
- PHYS 398 - Physics Thesis
  - PHYS/CHEM/BIOL Elective (3)
  - Creative Perspectives elective
  - E/RS or General Elective
  - Writing Intensive or General elective

Total (16)

## Scheduling Notes:

- Consult the Core Curriculum requirements in 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.

## Chemical Science, B.S.

The Department of Chemistry offers a program which leads to the BS degree in Chemical Science. This program is intended primarily for those students who wish to make use of chemical knowledge in connection with a career in the business world, e.g., in sales or marketing, or in secondary education. The course requirements in chemistry and mathematics are less than those of the BS in Chemistry program. The hours thus released are made available as free elective hours which can then be applied to courses in accounting, business administration, economics, education, etc.

## Requirements for the Chemical Science Major

### Core Curriculum Requirements:

59 credit hours, including

### Mathematics:

- MATH 120 - Elementary Functions
- MATH 150 - Elements of Calculus I

## Science:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Major Requirements:

33 credit hours, as follows

### 28 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 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

### 2 hours of research seminar from:

- CHEM 400 - Research/Seminar (to be taken 2 times)

### 3 hours of chemistry electives from:

- CHEM 411-495 (Refer to Course Descriptions.)

## Note(s):

- A 2.000 cumulative average must be attained in the chemistry courses.

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

### B.S. Chemical Science

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

#### Freshman Year

##### First Semester

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 120 - Elementary Functions
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  - Second Language I
  - CORE 100 - First Year Seminar

or

- THEO 111 - Theological Foundations

Total (16)

##### Second Semester

- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 150 - Elements of Calculus I
  - Second Language II
  - Historical Perspectives
  - CORE 100 - First Year Seminar

or

THEO 111 - Theological Foundations

Total (16)

Sophomore Year

First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHIL 100 - Ethics as Intro to Philosophy
  - Social Science Elective

Total (14)

Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
  - PHIL 200 - Philosophical Perspectives

Total (15)

Junior Year

First Semester

- CHEM 220 - Principles of Physical Chem
- CHEM 340 - Instrumental Analysis
- CHEM 300 - Intro to Chem Research
  - Theological Perspectives
  - General Elective
- ENGL 205 - Literature & Moral Imagination

Total (16)

## Second Semester

- CHEM 341 - Instrumental Analysis Lab
  - Humanities Elective
  - E/RS Elective\*
  - Creative Perspectives
  - Diversity Curriculum Elective
  - General Elective

Total (16)

## Senior Year

### First Semester

- CHEM 400 - Research/Seminar
  - Chemistry Elective
  - General Electives (10)

Total (14)

### Second Semester

- CHEM 400 - Research/Seminar
  - General Elective (12)

Total (13)



## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- \* May double count with other core courses.
- Students must elect one each of oral communications, quantitative reasoning, and writing intensive flagged courses; many of these are available within the core or the major.

## Chemistry, B.S.

The Department of Chemistry offers a curriculum that is approved by the American Chemical Society (ACS) and leads to the Bachelor of Science degree. Students completing the program graduate as "ACS certified" majors. The curriculum covers the five major fields (analytical, biochemistry, inorganic, organic, and physical chemistry), the preparation and identification of compounds, and the literature on the subject. CHEM 300 Intro to Research,, fits the students to prepare his/her thesis and is a beginning course in research.

## Requirements for the Chemistry Major

### Core Curriculum Requirements:

53 credit hours, including

### Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

### Science:

- Requirement included within the major.

### Major Requirements:

46 credit hours, as follows

### 43 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 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 330 - Quantum Chemistry
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 420 - Inorganic Chemistry
- CHEM 421 - Inorganic Chemistry Lab
- CHEM 440 - Biochemistry
- CHEM 450 - Topics in Organic Chemistry

### 3 hours of research seminar from:

- CHEM 400 - Research/Seminar (to be taken 3 times)

### Note(s):

- A 2.000 cumulative average must be attained in these chemistry courses.

### Additional Major Requirements:

12 credit hours, as follows

### 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

4 hours of mathematics from:

- MATH 220 - Calculus III

**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 I
- CHEM 161 - General Chemistry I Lab
- MATH 170 - Calculus I
  - Core 100 - First Year Seminar

or

- THEO 111 - Theological Foundations
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric

Total (14)

#### Second Semester

- CHEM 162 - General Chemistry II

- CHEM 163 - General Chemistry II Lab
- MATH 171 - Calculus II
  - CORE 100 - First Year Seminar

or

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

Total (14)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 220 - Calculus III
- PHYS 170 - University Physics I
- PHYS 161 - Introductory Physics Lab I
  - Second Language I

Total (15)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- PHYS 172 - University Physics II
- PHYS 163 - Introductory Physics Lab II
  - Second Language II

Total (17)

## Junior Year

### First Semester

- CHEM 320 - Physical Chemistry I
- CHEM 340 - Instrumental Analysis
- CHEM 300 - Intro to Chem Research
  - Historical Perspectives
  - Social Science Elective
- ENGL 205 - Literature & Moral Imagination

Total (16)

### Second Semester

- CHEM 322 - Physical Chemistry II
- CHEM 341 - Instrumental Analysis Lab
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 330 - Quantum Chemistry
- CHEM 400 - Research/Seminar
  - PHIL 200 - Philosophical Perspectives
  - Theological Perspectives
  - Creative Perspectives

Total (16)

## Senior Year

### First Semester

- CHEM 450 - Topics in Organic Chemistry
- CHEM 420 - Inorganic Chemistry
- CHEM 400 - Research/Seminar
  - E/RS Focus Elective
  - Humanities Elective
  - General Elective

Total (16)

## Second Semester

- CHEM 400 - Research/Seminar
- CHEM 421 - Inorganic Chemistry Lab
- CHEM 440 - Biochemistry
  - Diversity Curriculum 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.
- 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.

## 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 9 hours in two sciences from the following:

- 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 170 - University Physics I and PHYS 161, Introductory Physics I Lab
- PHYS 172 - University Physics II and PHYS 163, Introductory Physics II Lab
- PSYC 221 - Research Meth & Design I and PSYC 223, Research Methods and Design I Lab

### Mathematics:

13 hours from:

- MATH 170 - Calculus I
- MATH 225 - Foundations Of Higher Math
- MATH 280 - Combinatorics

and either

- MATH 156 - General Statistics or
- MATH 240 - Linear Algebra or
- MATH 256 - Intro to Probability & Stats

## Major Requirements:

39 credit hours, as follows

### 33 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
- 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 250-390.

Note(s):

- A 2.000 cumulative average must be attained in the computer science courses.
- 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
- MATH 225 - Foundations Of Higher Math
  - Foreign Language Elective (3)
- THEO 111 - Theological Foundations

or

- First Year Seminar

Total (15)



## Second Semester

- CSCI 180 - Computer Science II
- MATH 280 - Combinatorics
  - Foreign Language Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations

or

- First Year Seminar

Total (15)

## Sophomore Year

### First Semester

- CSCI 220 - Data Structures & Algorithms
- MATH 170 - Calculus I
  - Scientific Perspectives
  - Historical Perspectives
- ENGL 205 - Literature & Moral Imagination or
- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin

Total (16)

## 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 300 - Programming Languages
  - 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)
  - General Elective (3)
  - CSCI Elective (3)
- MATH 156 - General Statistics or
- MATH 240 - Linear Algebra or
- MATH 256 - Intro to Probability & Stats

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.

## 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 381 - Methods of Research in CJUS
- CJUS 391 - Practicum / Ethics
- CJUS 482 - Planned Change in Crim Justice
- CJUS 489 - Senior Seminar

### Criminal Justice Electives: 9 Credit Hours

- CJUS 103-499 (Refer to Course Descriptions.)

### General Electives: 12 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 2.000 cumulative average must be attained in these criminal justice major courses.
- 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

Total (15)

#### Second Semester

- CJUS 102 - Intro to Law Enforcement
  - Historical Perspectives
- THEO 111 - Theological Foundations
  - Second Language II
  - Oral Communication Elective

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
  - Criminal Justice Elective
  - Quantitative Elective

Total (15)

## Second Semester

- CJUS 240 - Criminal Law
  - Diversity Curriculum Requirement (DCR)
  - Natural Science Elective
  - Creative Perspectives
  - Writing Intensive Elective

Total (15)

## Senior Year

### First Semester

- CJUS 482 - Planned Change in Crim 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.
- A minimum of 120 credit hours is required for the degree.

## Early Childhood Education (Pre-K To 3), 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 level.

## 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."

72 hours of courses: EDFD 110, EDEL 100, 251, 260, 351; EDSP 205; EDEC 210, 230, 325, 330, 335, 450, 451; EDME 359; ARTS 222; EDRE 269, 312, 471, 478; EDCH 324.

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.

## B.S. Early Childhood Education

\*\*This block serves as a guideline only, not a required sequence. See your academic advisor. Subject to change \*\*

### Freshman Year

#### First Semester

- CORE 101 GOA
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- EDFD 110 - Human Development & Learning
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
  - Second Language I
  
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar

Total (15)

#### Second Semester

- CORE 102 GOA
- EDEL 100 - Introduction To Education
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
  - Historical Perspectives Elective
  - Second Language II
  - General Elective
  
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar

Total (18)

## Sophomore Year

### First Semester

- EDEC 210 - Early Childhood Development
- EDEL 251 - Instructional Technology
- PHIL 100 - Ethics as Intro to Philosophy
- EDEL 260 - Cultural Diversity In Educ
  - Math I
  - Theological Perspectives Elective

Total (18)

### Second Semester

- EDCH 324 - Children's Lit for Early Child
- EDRE 269 - Phonics & Foundation of Litera
- EDRE 312 - Reading Methods for Early Chld
- EDSP 205 - Foundations in ECSPED
- EDME 359 - Community & Advocacy in Educ
  - Math II

Total (18)

Junior Year

First Semester

- ENGL 205 - Literature & Moral Imagination
- EDEC 325 - Methods of Observation/Collabo
- EDEC 330 - Math/Science Block-Early Chld
- ARTS 222 - Art in Early Childhood Educ

Total (15)

Second Semester

- EDEC 230 - Play in Early Childhood Educ
- EDRE 471 - Content Area Literacy
- EDEC 335 - Lang Arts/Social St-Early Chd
- EDEL 351 - Instruct Strat for Engl Lang L

Total (15)

Senior Year

First Semester

- EDEC 450 - Student Teaching:Early Childho
- EDEC 451 - Seminar: Current Issues/Early

Total (12)

## Second Semester

- PHIL 200 - Philosophical Perspectives
- EDRE 478 - Diagnosis/Correct of Read Disa
  - General Elective
  - Creative Perspectives Elective
  - E/RS Focus Elective (cross count - see advisor)

Total (15)

## Scheduling Notes:

- Course sequence shown above is realistic only for the student who declares the Early Childhood major as a freshman. It is not the only advisable sequence.
- A minimum of 120 credit hours is required for the degree.
- The sequence of courses in the program is subject to change.
- Addition of a minor is possible. Consult with advisor early in the program.
- Study Abroad is possible - consult with advisor early in program
- Student teaching/internship may take place fall or spring semester.
- Students may add Grades 4-5 Endorsement courses when feasible during senior year.
- All students must elect one each of oral communication, quantitative reasoning and writing intensive flagged courses, many of these are available within the core or major.

## Engineering Physics, B.S.

The Engineering Physics program 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:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

## Mathematical Perspectives:

- MATH 170 - Calculus I

## Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

Included within the major.

## Major Requirements:

71 credit hours in physics, as follows:

### 23 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab

### 32 hours of engineering courses:

- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 346 - Signals, Systems & Measurements
- ENGR 347 - Signals, Systems & Measurements Lab
- ENGR 350 - Digital Logic and Circuit Design
- ENGR 354 - Microprocessors
- ENGR 358 - Analog and Digital Communication
- ENGR 370 - Fluid Mechanics

- ENGR 380 - Control Systems
- ENGR 384 - Heat Transfer
- ENGR 395 - Senior Project I
- ENGR 398 - Senior Project II

### Additional Major Requirements:

17 hours of mathematics and computer science from:

- CSCI 170 - Computer Science I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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

- This number assumes that at least two of the ER/S, DCR or Writing Intensive Electives are fulfilled with other core courses.

## B.S. Engineering Physics

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

### Freshman Year

#### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 170 - Calculus I

First Year Seminar

- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (14)

Second Semester

- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- MATH 171 - Calculus II
- THEO 111 - Theological Foundations
- CSCI 170 - Computer Science I

Total (14)

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 - Calculus III
  - Second Language I

Total (16)

Second Semester

- ENGR 180, Intro to MATLAB
- ENGR 244, Electronics
- ENGR 245, Electronics Lab
- MATH 230 - Intro to Ordinary Diff Equat
- PHIL 100 - Ethics as Intro to Philosophy

- Second Language II

Total (14)

## Junior Year

### First Semester

- ENGR 350, Digital Logic & Circuit Design
- ENGR 370, Fluid Mechanics
- PHYS 360 - Electromagnetism I
  - Writing Intensive elective
- MATH 156 - General Statistics

Total (15)

### Second Semester

- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
  - ENGR 346, Signals, Systems & Measurements
  - ENGR 347, Signals, Systems & Measurements Lab
  - ENGR 354, Microprocessors
  - PHIL 200 - Philosophical Perspectives
  - Theological Perspectives elective

Total (17)

## Senior Year

### First Semester

- ENGR 380, Control Systems
- ENGR 384, Heat Transfer
- ENGR 395, Senior Project I



- Social Sciences elective
- Humanities elective
- Historical Perspectives elective

Total (17)

## Second Semester

- ENGR 358, Analog and Digital Communication
- ENGR 398, Senior Project II
- Creative Perspectives elective
- ER/S or General elective
- DCR or General Elective

Total (14)

## Scheduling Notes:

- Consult the 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.

## **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:

- 48-63 Credit Hours dependent on courses taken, including

## Mathematical Perspectives

- MATH 140/150

## Biology: 24 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 299 - Introduction to Research Methods in Biology
- BIOL 398 - SEM: Environmental Studies
- BIOL 495 - Directed Study (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

- MATH 140/150 - Elements of Calculus I
- or MATH 170 - Calculus I
- MATH 156 - General Statistics

## 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.

- POLI 316 - Globalization
- ENGL 205 - Literature & Moral Imagination
  - THEO 245 - God, Creation and Ecology
- THEO 388 - Theology & Ecology
  - HIST 403 - Ecology of the City
  - Other courses as approved by advisor

**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
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- 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
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- CORE 102 - GOA

Total (14)

## Sophomore Year

## First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- ENGL 205 - Literature & Moral Imagination
  - MATH 140/150 - Calculus or MATH 156
  - Historical Perspectives Elective
  - Second Language I

Total (16)

## Second Semester

- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
  - BIOL 299 - INtroduction to Research Methods in Biology
  - Theological Perspectives
  - Second Language II
- ECON 200 - Microeconomic Principles

Total (16)

## Junior Year

### First Semester

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
  - ENVS Non-Science Elective
  - MATH 140/150 - Calculus or
- MATH 156 - General Statistics
  - PHIL 200 - Philosophical Perspectives Elective
  - Math or Science Elective

Total (16)

## Second Semester

- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
  - ENVS Non-Science Elective
  - Humanities Elective
  - Social Science or General Elective
  - Creative Perspectives Elective

Total (16)

## Senior Year

### First Semester

- ECON 320 - Natural Resource Economics
  - BIOL 495, 497 or 498: Internship/Methods BR I
  - Science or Math Elective (5 credit hours)
  - General Elective (DCR)
  - General Elective

Total (15-16)

### Second Semester

- BIOL 398 - SEM: Environmental Studies
  - BIOL 495, 496 or 499: Internship/Methods BR II
  - Science or Math Elective
  - E/RS Course
  - General 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.

## 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 Core Exercise Science courses
- A minimum grade of "C" in all Exercise Science Elective courses
- A minimum cumulative GPA of 3.0 in all Exercise Science Elective courses
- A minimum grade of "C-" in all required Science courses
- A minimum cumulative GPA of 2.50 in all required Science courses

## **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: Introduction Exercise Science 3 CR
- EXSC 200: Kinesiology 3 CR
- EXSC 300: Exercise Physiology 3 CR
- EXSC 320: Fitness Training Principles 3 CR
- EXSC 325: Resistance Training 1 CR
- EXSC 360: Nutrition for Sport & Exercise 3 CR
- EXSC 380: Fitness Assessment & Design 3 CR
- EXSC 381: Fitness Assessment & Design Lab 1 CR



EXSC 460: Exercise Science Practicum 6 CR

**Exercise Science Electives - 9 hours from the following options:**

- BIOL 204: Functional Neuroscience 3 CR
- BIOL 370: Endocrinology 3 CR
- EXSC 160: Group Fitness 1 CR
- EXSC 260: Sports Medicine 3 CR
- EXSC 261: Sports Medicine Lab 1 CR
- EXSC 340: International Exercise Science 3 CR
- EXSC 400: Biomechanics 3 CR
- EXSC 420: Cardiopulmonary Fitness 3 CR
- EXSC 440: Fitness in Special Populations 3 CR
- SPMG 322: Facility and Event Mgmt 3 CR
- SPMG 348: Legal and Ethical Issues in Sport 3 CR
- SPMG 377/PSYC477: Sport Psychology 3 CR
- SPMG 410: Sport Ethics 3 CR

**Mathematics Requirements:**

- MATH 116 - Elementary Statistics
- or
- 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

or

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- PHYS 140 - Technical Physics
- PHYS 142 - Technical Physics Lab

or

- 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 - Hum 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 142 - 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 - Hum 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 142 - 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 and Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

## Fourth Year

### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Intervention 1
- ATTR 540 - Evidence-Based Practice
- ATTR 550 - Interprofessional Collaboration
- ATTR 561 - Clinical Experience 1

### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Intervention 2
- ATTR 541 - Research 1
- ATTR 562 - Clinical Experience 2

## Fifth Year

### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts in AT
- ATTR 633 - Therapeutic Intervention 3
- ATTR 642 - Research 2
- 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.

### Bachelor of Science in Health Services Administration

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 will experience:

- An interdisciplinary curriculum based in the liberal arts tradition
- Required field experiences (internships)
- Community service
- Undergraduate research and scholarship

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.
3. Field experiences (internships).

During the field internships, 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

The Curriculum:

The Bachelor of Science in Health Services Administration degree requires at least 120 semester credit hours with a concentration in health services of 34 hours, plus nine credit hours in a specified concentration (information management or long-term care).

## B.S. in Health Services Administration, Minor in Business, Concentration in Long-Term Care OR Information Management

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

## Freshman Year

## First Semester

- Historical Perspectives Elective
- Second Language I
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- THEO 111 - Theological Foundations or
  - First Year Seminar
- HESA 101 - Intro To American Health Care

Total (15)

## Second Semester

- Second Language II
- Writing Flag Course
- ECON 200 - Microeconomic Principles
- HESA 110 - Medical Terminology
- THEO 111 - Theological Foundations

or

- First Year Seminar

Total (15)

## Sophomore Year

### First Semester



- HESA 120 - Health Care Management
- PHIL 100 - Ethics as Intro to Philosophy
  - Scientific Perspectives Elective
  - Oral Communications Flag Course
  - Mathematical Perspectives Elective

Total (15)

## Second Semester

- HESA 451 - Aging In Society
- or
- HESA 341 - Health Informatics
  - ACCT 200 - Introductory Financial Acct
  - HESA 210 - HC Marketing & Strategic Mgmt
    - General Elective
    - Biology (Elective)

Total (15)

## Junior Year

## First Semester

- FINC 300 - Business Finance
  - INFO 120 - Introduction to Business Tech
  - HESA 351 - Electronic Health Records
- or
- HESA 455 - Administration of Agencies Serving the Aging
  - HESA 370 - Internship Preparation
  - MGMT 300 - Managerial Behavior
    - PHIL 200 - Philosophical Perspectives

Total (14)

## Second Semester

- ENGL 205 - Literature & Moral Imagination
- INFO 220 - Mgmt of Info Tech
- HESA 230 - Health Care Finance
- HESA 361 - Health Data Management

or

- HESA 459 - Administration of Institutions Serving the Aging

- Theological Perspectives Elective
- General Elective

Total (15)

## Summer

- HESA 371 - Internship I

Total (3)

## Senior Year

## First Semester

- HESA 410 - Public Health
- HESA 220 - HC Reimbursement Systems
- MKTG 300 - Principles of Marketing
  - Quantitative Flag Course

- Humanities Elective

Total (15)

## Second Semester

- HESA 390 - Foundation of HC Law & Ethics
- HESA 380 - Qual Mgmt & Performance Imp
  - Business Elective (and DCR)
  - Creative Perspectives Elective
  - E/RS Focus Elective (or General Elective if E/RS Focus Elective done)

Total (15)

## Scheduling Notes:

\* Students must choose two of the following biology courses:

- BIOL 140 - Human A&P I for Allied Health and
- BIOL 141 - Hum A&P I Lab Allied Health
  
- BIOL 142 - Hum A&P II for Allied Health and
- BIOL 143 - Hum A&P II Lab Allied Health
  
- BIOL 160 - General Biology I and
- BIOL 161 - General Biology I Lab
  
- BIOL 102 - Life: Human Biology and
  - BIOL 125 or BIOL 127 - Life Lab: Investigation I or II
  
- BIOL 106 - Life: Biology of Aging and
  - BIOL 125 or BIOL 127 - Life Lab Investigation I or II
  
- BIOL 120 - Life: Ecology & People and
  - BIOL 125 or 127 - Life Lab Investigation I or II
  
  - 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.

## GPA/Grade Policy

In order to remain in good standing with and graduate as an undergraduate major from the Department of Health Services Administration, student 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 on 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 HESA 101 and HESA 110. 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 or HESA 110, they may retake that course two 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.
- Students may retake any and all HESA courses for which they fail to meet department requirements two times.
- If a student fails to meet department grade standards after retaking a course two 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, papers, 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 Social Science Health and Education, following their appeal process.

## **Human-Centered Making, B.S.**

The B.S. in Human-Centered Making is for students whose desire to create spans the range from digital applications to digital and physical fabrication and

particularly includes the mixture of physical and digital creation. Most importantly, Human-Centered Making is for students who want to put people at the center of what they create. The program develops student skills in design thinking applied to fabrication, computation and user experience. Human-Centered Making emphasizes the process of creating physical and software artifacts for and with a community by embedding community-engaged learning throughout the curriculum.

The major is embedded in the liberal arts by intentional analysis and reflection in the science, mathematics, philosophy, history, art, and theology courses taken by the students. The combination of community, creation, and critical thinking encourages Ignatian values of service, discernment, and reflection.

In an era when mass production and technology threaten to disconnect us from each other and the natural world, the act of creating helps reconnect abstract notions with physical realities, whether those realities are about the sustainability of materials used or the meaning of the data being analyzed to understand a community.

## Requirements for the Human-Centered Making Major

### Core Curriculum Requirements

See Undergraduate Core Curriculum

### Major Requirements

54 Hours, including

#### Required Human-Centered Making courses (27 Hours)

- MAKE 101 Introduction to Making
- MAKE 102 Making the User Experience
- MAKE 201 Objects of Digital Fabrication
- MAKE 202 Digital Object Modeling II
- MAKE 301 Human-Centered Project Development
- MAKE 302 Advanced Methods for Making
- MAKE 310 Materials and Processes
- MAKE 401 Formal Models and Metrics for Making
- MAKE 402 Thesis Project [Capstone]

#### Required ARTS courses (9 hours):

- ARTS 101 - Two-Dimensional Design
- ARTS 102 - Drawing I
- ARTS 105 - Three-Dimensional Design

#### Required MATH courses (6 hours):

- MATH 156 - General Statistics
- MATH 158 - General Statistics II

## Major Elective courses (12 hours):

These courses are drawn from any elective course in Human-Centered Making, CSCI 220 Data Structures, MATH 225 , any 300-level elective in computer science, any approved ARTS course, INFO 328 Database Management, INFO 329 Data Mining, INFO 358 Data Modeling and Management, INFO 389 Business Intelligence, or other approved course. Students choose a focus area during their second year that directs their choice of electives and possibly particular core course choices.

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

## B.S. Human-Centered Making

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
- ARTS 102 - Drawing I
  - MAKE 101 - Introduction to Making
  - Foreign Language I
  - CORE 100 - First Year Seminar

#### Second Semester

- CSCI 170 - Computer Science I
- ENGL 101 - English Composition
- THEO 111 - Theological Foundations
  - MAKE 102 - Making the User Experience
  - Foreign Language II

### Sophomore Year

#### First Semester

- ARTS 101 - Two-Dimensional Design
- MATH 156 - General Statistics
  - MAKE 201 - Objects of Digital Fabrication
  - Historical Perspectives
  - Scientific Perspectives

## Second Semester

- ENGL 205 - Literature & Moral Imagination
- ARTS 105 - Three-Dimensional Design
- MATH 158 - General Statistics II
  - MAKE 202 - Digital Object Modeling II
  - Theological Perspectives

## Junior Year

### First Semester

- MAKE 301 - Human-Centered Project Development
- Philosophical Perspectives
- Human-Centered Making Elective
- General Elective
- Natural Science Elective

### Second Semester

- MAKE 302 - Junior Project
- Humanities Elective
- Ethics/Religion & Society
- General Elective
- General Elective
- General Elective

## Senior Year

### First Semester

- MAKE 401 - Formal Models & Metrics for Making
- Human-Centered Making Elective
- Social Science Elective
- General Elective
- General Elective

### Second Semester

- MAKE 402 - Thesis Project
- General Elective
- General Elective
- General Elective

- General Elective

## Mathematics with Concentration in Economics, B.S.

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:

30 credit hours

- CSCI 170 - Computer Science I
- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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

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 371 - Real Analysis II
- MATH 380 - Intro to Complex Variables

## Economics Concentration Requirements:

24 credit hours, as follows:

- STAT 210 - Statistics For Business I
- 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
  - ECON additional elective (numbered above ECON 307) (3 credit hours)

## 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 and Computer Science 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 170 - Calculus I
- 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 (16)

## Second Semester

- MATH 171 - Calculus II
- MATH 225 - Foundations Of Higher Math
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
  - Second Language II
  - CORE 102 - First Year Co-Curricular Program II (GOA)

Total (16)

## Sophomore Year

### First Semester

- MATH 220 - Calculus III
- ECON 200 - Microeconomic Principles
  - Historical Perspectives
  - Literature & Moral Imagination
  - PHIL 200 - Philosophical Perspectives
  - Writing Flag

Total (16)

### Second Semester

- MATH 240 - Linear Algebra
- ECON 201 - Macroeconomic Principles
  - MATH Elective
  - Creative Perspectives
  - Theological Perspectives

Total (15)

## Junior Year

## First Semester

- MATH 340 - Abstract Algebra I
- ECON 305 - Microeconomic Analysis
  - MATH Elective
  - Scientific Perspectives, Lecture & Lab (4)
  - Oral Communication Flag

Total (16)

## Second Semester

- MATH 370 - Real Analysis
- MATH 391 - Mathematics Seminar I
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
  - MATH Elective
  - Natural Sciences Elective, Lecture & Lab (4)

Total (17)

## Senior Year

### First Semester

- MATH 392 - Mathematics Seminar 2
- ECON 350 - Business Cycles & Forecasting

or

- ECON 495 - Markets, Strategy & Rivalry
  - ECON Elective
  - E/RS Elective
  - Elective
  - Elective

Total (16)

### Second Semester

- MATH 393 - Mathematics Seminar 3
  - Humanities Elective
  - DCR Elective
  - Elective
  - Elective

Total (14)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum " requirements of the Catalog.
- The MATH Elective courses should be chosen under the guidance of the student's advisor from the following:
  - MATH 230 - Intro to Ordinary Differential Equations
  - MATH 256 - Intro to Probability & Statistics
  - 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 371 - Real Analysis II
  - MATH 380 - Intro to Complex Variables
- The ECON Elective course must be chosen from courses numbered above ECON 307.

## 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

and

- BIOL 162 - General Biology II with
- BIOL 163 - General Biology II Lab

or

- CHEM 160 - General Chemistry I with
- CHEM 161 - General Chemistry I Lab

and

- CHEM 162 - General Chemistry II with
- CHEM 163 - General Chemistry II Lab

or

- PHYS 170 - University Physics I with
- PHYS 161 - Introductory Physics Lab I

and

- 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

24 hours from:

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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 371 - Real Analysis II
- 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 170 - Calculus I
- CSCI 170 - Computer Science I
  - Second Language I
  
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  - CORE 100 - First Year Seminar
  - CORE 101 - First Year Co-Curricular Program I (GOA)

Total (16)

#### Second Semester

- MATH 171 - Calculus II
- MATH 225 - Foundations Of Higher Math
  - Second Language II
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
  - CORE 102 - First Year Co-Curricular Program II (GOA)

Total (16)

### Sophomore Year

## First Semester

- MATH 220 - Calculus III
  - Historical Perspectives
  - Literature & Moral Imagination
  - PHIL 200 - Philosophical Perspectives
  - Writing Flag

Total (16)

## Second Semester

- MATH 240 - Linear Algebra
  - MATH Elective
  - Creative Perspectives
  - Theological Perspectives
  - Elective

Total (15)

## Junior Year

### First Semester

- MATH 340 - Abstract Algebra I
  - MATH Elective
  - Scientific Perspectives, Lecture & Lab (4)
  - Oral Communication Flag
  - Elective

Total (16)



## Second Semester

- MATH 370 - Real Analysis
  - MATH Elective
- MATH 391 - Mathematics Seminar I
  - Natural Sciences Elective, Lecture & Lab (4)
  - 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
  - Elective
  - 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.
- \* Courses filling other core requirements may also fulfill the Diversity Curriculum Requirement.

## Middle Childhood Education (Grades 4 - 9), 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 21-24 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:

See "Steps for Admission and Continual Progress for Licensure in Middle Childhood." Also see "Student Handbook for Early & Middle Child."

60 hours of education courses: EDFD 110, EDEL 100, 251, 260; EDSP 200; EDMC 212, 325, 340, 345; EDRE 269, 314, 471, 478; EDCH 326; two courses from EDMC 351-354, and EDMC 455, 456. 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.

## 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 120 - Elementary Functions
  - 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

- CORE 102 GOA
- EDEL 260 - Cultural Diversity In Educ
  - Second Language II
- EDEL 100 - Introduction To Education
- MATH 150 - Elements of Calculus I
- 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 Litera
  - PHIL 200 - Philosophical Perspectives
  - Historical Perspectives Elective

Total (18)

## Junior Year

## First Semester

- EDMC 340 - Middle School Phil & School Or
  - Theological Perspectives Elective
- MATH 116 - Elementary Statistics
- MATH 213 - Algebra Concepts -MCED
- 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
- EDMC 325 - Arts in Ed: Middle Childhood
  - Choose two of the following:
- 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

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
- Science Elective
- 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 (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.
- 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 207 - Interpersonal 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
- HIST 105 - World Civilizations I
- EDSP 200 - Sp Ed: Identification & Issues
  - Math I

Total (18)

### Second Semester

- HIST 106 - World Civilizations II
- EDRE 269 - Phonics & Foundation of Litera
- 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
- HIST 143 - U.S. History I
- EDRE 314 - Reading Methods for Middle Chd
- EDMC 345 - Middle Child Class Mgmt Assess
- POLI 140 - American Government and Politi
  - Theological Perspectives Elective

Total (18)

### Second Semester

- ENGL 205 - Literature & Moral Imagination
- HIST 144 - U.S. History II
- SOCI 180 - Culture & Society
- EDMC 325 - Arts in Ed: Middle Childhood

Choose 2 of the following:

- 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

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



- THTR 120 - Acting I
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDEL 351 - Instruct Strat for Engl Lang L
- EDMS 207 - World & Cultural Geography
  - 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.
- 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.
- ER/S Focus elective should fulfill another core requirement.

## Middle Childhood Generalist Endorsement

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

# **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.**

## Undergraduate Programs in Montessori Education

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

Early Childhood Education

Ohio Four Year Resident Educator License for PreK-3

American Montessori Society Credential for Ages 2 1/2 to 6 Years

### Requirements for the Early Childhood / 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 Lit for Early Child.
- 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:

66 credit hours, as follows:

39 hours of education courses from:

- EDEL 100 - Introduction To Education
  - EDEL 110 - Human Development & Learning
- EDEL 251 - Instructional Technology
- EDEL 260 - Cultural Diversity In Educ
- EDEC 210 - Early Childhood Development
- EDEC 230 - Play in Early Childhood Educ
- EDME 350 - Methods of Observation of Chld
- EDME 351 - Montessori Ed: Phil Approach
- EDME 354 - Mont Language Arts & Read Meth
- EDME 359 - Community & Advocacy in Educ
- EDME 376 - Phonics Skills for Early Chldh
- EDRE 312 - Reading Methods for Early Chld
- EDSP 205 - Foundations in ECSPED

3 hours of literature from:

- EDCH 324 - Children's Lit for Early Child

24 hours of Ohio License requirements, as follows:

Early Childhood Credential (ages 2 1/2 to 6)

- 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 377 - Early Childhood Math & Science
- EDME 473 - Mont Early Childhood Pract I
- 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.

**B.S. Montessori Education (Early Childhood program) with Ohio Four year resident educator License (PreK-3) and American Montessori Society Credential Early Childhood Ages 2 1/2 to 6**

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

**Freshman Year**

## First Semester

- ENGL 101 - English Composition
  - EDEL 110 - Human Development and Learning
  - Foreign Language I Elective
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
- THEO 111 - Theological Foundations

or

- CORE 100 - First year seminar
- CORE 101 - First Year Co-curricular

Total (15)

## Second Semester

- EDEL 100 - Introduction To Education
  - Foreign Language II Elective
  - Historical perspective
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
- THEO 111 - Theological Foundations

or

- CORE 100 - First year seminar

Total (15)

## Sophomore Year

## First Semester

- EDEC 210 - Early Childhood Development
- EDME 351 - Montessori Ed: Phil Approach
- EDME 364 - Early Childhood/Mont Meth
- MATH 201 - Foundations of Arith. -ECED
- PHIL 100 - Ethics as Intro to Philosophy
  - Creative Perspectives

Total (18)

## Second Semester

- EDME 376 - Phonics Skills for Early Childh
- EDEL 251 - Instructional Technology
- EDSP 205 - Foundations in ECSPED
- MATH 202 - Geometry & Measurement -ECED
  - Theological Perspective elective

Total (15)

## Junior Year

## First Semester

- EDME 354 - Mont Language Arts & Read Meth
- EDME 359 - Community & Advocacy in Educ
- EDCH 324 - Children's Lit for Early Child
- EDRE 312 - Reading Methods for Early Chld
- EDEL 260 - Cultural Diversity In Educ
- CLAS 205 - Classical Lit & Moral Imagina

or

- ENGL 205 - Literature & Moral Imagination

or

- SPAN 205 - Hispanic Lit & Moral Imagin

Total (18)

## Second Semester

- EDME 350 - Methods of Observation of Chld
- EDME 377 - Early Childhood Math & Science
- EDEC 230 - Play in Early Childhood Educ
  - Philosophy Elective (3)
  - EDEL 260 - Cultural Diversity in Education
- EDRE 478 - Diagnosis/Correct of Read Disa

Total (15)

## Senior Year

### First Semester

- E/RS Focus Elective
- EDME 366 - Mont Curr Des&Te Strat I:Ea Ch
- EDME 473 - Mont Early Childhood Pract I

Total (12)

### Second Semester

- EDME 367 - Mont Curr Des&Te Strat II:Ea C
  - Elective
- EDME 474 - Mont Early Chilhood Pract II
  - CORE 499 (no credit) - Reflection on XU Core

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 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.

## **Montessori Education (Early Childhood Program) for Ohio Four Year Resident Educator License (PreK-3) and American Montessori Society Credential Elementary I, Ages 6-9, B.S.**

### Undergraduate Programs in Montessori Education

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 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: You will be prepared to teach in Montessori public schools and traditional public and private schools for pre-Kindergarten through third grade.
2. Private schools: Our graduates teach in private Montessori schools all over the world. They are also teachers in traditional private schools.
3. Hospitals: Hospitals hire our graduates for special children's programs.
4. Child care centers: Our graduates are hired as administrators of child care centers.
5. Non-profit organizations hire graduates to 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

Early Childhood Education  
Ohio Four Year Resident Educator License for PreK-3  
American Montessori Society Credential for Ages 2 1/2 to 6 Years  
American Montessori Credential for Elementary I

### Requirements for the Early Childhood / Montessori Education Major

#### Undergraduate core curriculum requirements:

48 credit hours, including:



- Diversity Curriculum requirement: partially fulfilled in the major with EDEL 260 (Cultural Diversity in Education).
- 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.
- Science: must be met with physical (CHEM or PHYS 114 and PHYS 115) and biological (BIOL 130 and BIOL 131) sciences.
- Core 100 First Year Seminar
- Core 101 First year co-curricular program
- Core 499
- Social Sciences: included in the major requirements.
- The E/RS Focus Elective that meets another core requirement should be chosen.

## Major requirements:

66 credit hours, as follows:

39 hours of education courses from:

- EDEL 100 - Introduction to Education
- EDEL 110 - Human Development & Learning
- EDEL 251 - Instructional Technology
- EDEL 260 - Cultural Diversity In Education
- EDEC 210 - Early Childhood Development
- EDEC 230 - Play in Early Childhood Educ
- EDME 350 - Methods of Observation of Chld
- EDME 351 - Montessori Ed: Phil Approach
- EDME 354 - Mont Language Arts & Read Meth
- EDME 359 - Community & Advocacy in Educ
- EDME 376 - Phonics Skills for Early Chldh
- EDRE 312 - Reading Methods for Early Chld
- EDSP 205 - Foundations in ECSPED

3 hours of literature from

- EDCH 324 - Children's Lit for Early Child

24 hours of Ohio License requirements, as follows:

Elementary I Credential (ages 6-9):

- EDME 352 - Mont Curr Des & Tch Strat I:Pr
- EDME 353 - Mont Math & Geometry Methods
- EDME 355 - Mont Cultural Subjects Method
- EDME 356 - Mont Integration of Curr: Prim
- EDME 470 - Mont Primary Practicum I
- EDME 471 - Mont Primary Practicum 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 the first semester of senior year.
- Students may add A.M.S. Elementary II by completing the EII required coursework.
- Students may add an Ohio Generalist endorsement for grades 4-5 by completing the Elementary II coursework, additional licensing exam, and online Middle Childhood development course.
- Students are able to pursue a Reading Endorsement

### 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.

## B.S. Montessori Education (Early Childhood program) with Ohio Four Year Resident Educator License for PreK-3 and American Montessori Society Credential Elementary I, ages 6-9

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

### Freshman Year

#### First Semester

- ENGL 101 - English Composition
  - EDEL 110 - Human Development and Learning
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
  - Foreign Language I Elective
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- Core 101 First Year Co-curricular Program

Total (15)

### Second Semester

- PHYS 114 - Our Universe: Physical Science
- EDEL 100 - Introduction To Education
  - Foreign Language Elective II
  - Historical Perspective Elective
- PHYS 115 - Our Universe: Physical Sci Lab
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar

Total (15)

## Sophomore Year

### First Semester

- EDME 351 - Montessori Ed: Phil Approach
- EDME 376 - Phonics Skills for Early Chldh
  - Science Elective
- MATH 201 - Foundations of Arith. -ECED
- PHIL 100 - Ethics as Intro to Philosophy
  - EDEL 210 - Early Childhood development
  - Creative perspectives

Total (18)

### Second Semester

- EDEL 251 - Instructional Technology
- EDSP 205 - Foundations in ECSPED
- MATH 202 - Geometry & Measurement -ECED
- EDME 353 - Mont Math & Geometry Methods
  - Theology Perspective elective

Total (15)

Junior Year

First Semester

- EDME 354 - Mont Language Arts & Read Meth
- EDME 359 - Community & Advocacy in Educ
- EDRE 312 - Reading Methods for Early Chld
- EDEL 260 - Cultural Diversity In Educ
- EDCH 324 - Children's Lit for Early Child
- ENGL 205 - Literature & Moral Imagination

or

- CLAS 205 - Classical Lit & Moral Imagina

or

- SPAN 205 - Hispanic Lit & Moral Imagin

Total (18)

Second Semester

- EDME 350 - Methods of Observation of Chld
- EDME 355 - Mont Cultural Subjects Method
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDEC 230 - Play in Early Childhood Educ
  - Philosophy Elective (3)

Total (15)

Senior Year

## First Semester

- E/RS Focus Elective (see advisor)
- EDME 352 - Mont Curr Des & Tch Strat I:Pr
- EDME 470 - Mont Primary Practicum I

Total (12)

## Second Semester

- EDME 356 - Mont Integration of Curr: Prim
- EDME 471 - Mont Primary Practicum II
  - Elective
  - Core 499 (no credit) - Reflection on XU Core

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 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 requirement may be used to satisfy other elements of the core or major.

## Adding Elementary II Ages 9-12 to an Elementary I Credential

Students may add A.M.S. Elementary II by completing the coursework listed below. Students may add an Ohio Generalist endorsement for grades 4-5 by completing the Elementary II coursework, additional licensing exam, and online Middle Childhood development course.

Montessori credentialing at the Elementary II level may be added along with the Generalist Endorsement 4-5 (See Program Advisor).

- EDME 370 - Mont 9-12 Math Curr
- EDME 371 - Mont 9-12 Geometry Curr
- EDME 372 - Mont 9-12 Geography and Hist Curr
- EDME 373 - Mont 9-12 Botany and Zoology Cur
- EDME 374 - Mont 9-12 Physical Science Cur
- EDME 375 - Mont 9-12 Lang and Children's Li

No Additional Internship is Required

## Generalist Endorsement Requirements:

- Current P-3 Ohio Resident Educator License
- One credit hour online course: Middle Childhood Transitions, Development, and Management
- Passing score on the Ohio Assessments for Educators Elementary Education/018 (Subtest I) and Ohio Assessments for Educators Elementary Education/019 (Subtest II)

## Music Education, B.S.

### 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:

93 credit hours, as follows

#### 49 hours in music courses from:

- MUSC 199 - Recital Attendance
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural 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 302 - Music Theory IV
- MUSC 303 - Aural Skills IV
- MUSC 304 - Producing Electronic Music I
  - MUSC 312 - Conducting I
  - MUSC 313 - Conducting II
- MUSC 320 - Instrumental Methods
- MUSC 321 - Choral Methods
- MUSC 350 - Functional Piano

- MUSC 351 - String Techniques
- MUSC 352 - Woodwind Techniques
- MUSC 353 - Brass Techniques
- MUSC 354 - Percussion Techniques
- MUSC 401 - Orchestration Arranging

1 hour from a choice of either:

- MUSC 151 - Class Voice
- MUSC 152 - Class Guitar
- MUSC 268 - Guitar Ensemble

7 hours of Private Lessons from:

- MUSC 278-299 (Refer to Course Descriptions.)

7 hours of participation in a large ensemble from:

- MUSC 259 - XU Men's Chorus
- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 270 - Chamber Orchestra

1 hour of participation in a small ensemble from:

- MUSC 263 - Edgecliff Vocal Ensemble
- MUSC 267 - Percussion Ensemble
- MUSC 268 - Guitar Ensemble
- MUSC 269 - Chamber Music Ensemble
- MUSC 271 - Jazz Orchestra
- MUSC 277 - Piano Ensemble
- MUSC 340 - Opera Workshop

19 hours of education courses required from:

- EDFD 110 - Human Development & Learning
- EDMS 131 - Professional Education
- EDSP 200 - Sp Ed: Identification & Issues
- EDMS 350 - Technology & Topics for Educat
- EDSP 380 - Classroom Management
- EDMS 411 - Clinical Experiences
- EDRE 471 - Content Area Literacy

9 hours of student teaching and seminar for certification from:

- EDMS 471 - Student Teaching: Multi-Age

Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons..
- Pass a piano proficiency examination before graduation.
- Present a recital or write a thesis 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.
- Students are admitted to the degree programs based upon their musicality and musical literacy rather than on performance accomplishments. Musical background and proficiency in an applied instrument/voice will determine placement within the department.
- For a copy of Policies and Guidelines, contact the Department of Music.

TOTAL Minimum Hours Required for Degree: 132 Credit Hours

## B.S. 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
- EDMS 131 - Professional Education
  - Private Lesson



- Large Ensemble
- CORE 100 - First-Year Seminar
- Foreign Language Elective 1
- Scientific Perspectives

Total (18)

## Second Semester

- MUSC 199 - Recital Attendance
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- THEO 111 - Theological Foundations
- EDFD 110 - Human Development & Learning
  - Private Lesson
  - Large Ensemble
  - Foreign Language Elective 2
  - Natural Science Elective

Total (18)

## Sophomore Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 210 - Music History I
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- EDSP 200 - Sp Ed: Identification & Issues
  - MUSC 312 - Conducting I
  - Private Lesson
  - Large Ensemble
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (18)

## Second Semester

- MUSC 199 - Recital Attendance
- MUSC 211 - Music History II
- MUSC 302 - Music Theory IV
- MUSC 303 - Aural Skills IV
  - MUSC 313 - Conducting II
- MUSC 351 - String Techniques
- PHIL 100 - Ethics as Intro to Philosophy
  - Private Lesson
  - Large Ensemble

Total (16)

## Junior Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 151 - Class Voice or
- MUSC 152 - Class Guitar or
- MUSC 268 - Guitar Ensemble
  
- MUSC 320 - Instrumental Methods
- MUSC 350 - Functional Piano
- EDSP 380 - Classroom Management
  - Humanities Elective
  - ENGL/CLAS/SPAN 205 - Literature & The Moral Imagination

Total (18)

## Second Semester

- MUSC 199 - Recital Attendance
- MUSC 304 - Producing Electronic Music I
  - MUSC 352 - Woodwind Techniques
  - Private Lesson
  - Large Ensemble
  - Mathematical Perspectives
  - Philosophical Perspectives
- MUSC 221 - Elementary Methods
- EDMS 350 - Technology & Topics for Educat

Total (18)

## Senior Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 401 - Orchestration Arranging
- MUSC 354 - Percussion Techniques
- EDMS 411 - Clinical Experiences
- MUSC 321 - Choral Methods
  - Private Lesson
  - Large Ensemble
  - Small Ensemble
  - MUSC 450 - Senior Recital
  - Theological Perspectives

Total (14)

### Second Semester

- EDMS 471 - Student Teaching: Multi-Age
- 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.

## Natural Sciences, B.S.

### (Preparation for health professions, like medicine and dentistry)

The natural 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 natural sciences is not a requirement for admission to a health profession. (See Certificate in Pre-Medical Studies.) The student should consult a current listing of professional school admission requirements\* 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.

## Requirements for the Natural Sciences Major

### Core Curriculum Requirements:

48 credit hours, including

### Mathematics:

- MATH 150 - Elements of Calculus I and
- MATH 156 - General Statistics

or

- MATH 170 - Calculus I and
  - MATH 156 - General Statistics (3)

or

- MATH 170 - Calculus I and (3)
- MATH 171 - Calculus II

## Social sciences:

- PSYC 101 - General Psychology

## Science:

- Requirement included within the major.

## Major Requirements:

58 credit hours, as follows

## 50 hours in specific science 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
- BIOL 354 - Human and Comparative Anat
- BIOL 355 - Human and Comp Anat Lab
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology 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 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
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## 8 additional hours in biology or 8 hours in chemistry:

- To include two hours of research along with the additional hours in BIOL or CHEM electives. (See academic advisor for specific course selection.)

## Note(s):

- A 2.000 cumulative average must be attained in all biology, chemistry and physics courses.

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

## B.S. Natural Sciences

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 - First Year Co-Curricular
  - CORE 100 - First Year Seminar

or

- THEO 111 - Theological Foundations
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric

**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
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- CORE 102 - First Year Co-Curricular
- Second Language I

Total (14)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language II

Total (14)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
  - Mathematical Perspectives (Calculus or Stats)
  - Social Science Elective (SOC1 101 Med School)

Total (14)

## Junior Year

### First Semester

- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
  
- BIOL 440 - Biochemistry or
- CHEM 440 - Biochemistry
  
- MATH 156 - General Statistics
  
- or
- MATH 171 - Calculus II
- PSYC 101 - General Psychology
  - PHIL 200 - Philosophical Perspectives Elective

Total (17)

## Second Semester

- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 354 - Human and Comparative Anat
- BIOL 355 - Human and Comp Anat Lab
  - Diversity Curriculum Elective (3) \*\*
  
- ENGL 205 - Literature & Moral Imagination or
- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin

Total (15)

## Senior Year

### First Semester

- BIOL 497 - Experimental Biology Lab
  
- or
- BIOL 498 - Methods of Biol Research I
  
- or
- CHEM 400 - Research/Seminar



- CHEM 220 - Principles of Physical Chem
- CHEM 221 - Analytical Chemistry
  - Creative Perspectives Elective
  - General Elective
  - Theological Perspectives Elective

Total (14-15)

## Second Semester

- BIOL 496 - Senior Capstone Seminar
- or
- BIOL 499 - Methods of Biol Research II
- or
- CHEM 400 - Research/Seminar
  - Biology or Chemistry Elective
  - E/RS Focus Elective \*\*
  - General Elective
  - Humanities Elective
  - Historical Perspectives Elective

Total (16-17)

## Note(s):

- \* For medical school/MCAT requirements, take PHYS 160 - 163 in the sophomore year and Biology electives in the junior year, including BIOL 440 in the fall of the junior year, BIOL 354/355 in the spring of junior year. PSYC 101 and SOCI 101 must be taken before the MCAT.
- \*\* DCR & E/RS may double count with other core courses. Use "Attribute Type" when searching for courses.
- \*\*\* Students select a concentration of elective courses plus research in either biology or chemistry. Elective courses vary from year to year, so contact your academic advisor for current selections. Students concentrating in chemistry should add Chemical Literature (CHEM 300), one hour, to junior year schedule. A minimum of 120 credit hours is required for the degree.
- 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.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## Physics, B.S.

The program in physics is designed to familiarize students with the techniques of mathematical and experimental physics that would be 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:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

#### Mathematical Perspectives:

- MATH 170 - Calculus I

#### Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

- Included within the major.

#### Major Requirements:

68 - 69 credit hours in physics, as follows

#### 44 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 340 - Modern Physics II

- PHYS 341 - Modern Physics II Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Physics Lab
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 376 - Quantum Mechanics I
- PHYS 377 - Quantum Mechanics II
- PHYS 382 - Thermodynamics
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

3 hours of physics electives (capstone course), from:

- PHYS 387 - Biophysics
- PHYS 388 - Astrophysics
- PHYS 389 - Solid State Physics
- PHYS 390 - Special Studies (area to be determined by department)

Additional Major Requirements:

21-22 credit hours, as follows

4-5 hours of additional science courses from either:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab

or

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab

17 hours of mathematics and computer science from:

- CSCI 170 - Computer Science I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- MATH 230 - Intro to Ordinary Diff Equat
  - MATH Elective. 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.

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

### B.S. Physics

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

#### Freshman Year

##### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 170 - Calculus I
  - First Year Seminar
- ENGL 101 - English Composition
- or
- ENGL 115 - Rhetoric

Total (14)

##### Second Semester

- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- MATH 171 - Calculus II
- CSCI 170 - Computer Science I
- THEO 111 - Theological Foundations

Total (14)

## 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 - Calculus III
  - Second Language I

Total (16)

### Second Semester

- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- MATH 230 - Intro to Ordinary Diff Equat
- PHIL 100 - Ethics as Intro to Philosophy
  - Lit. & Moral Imagination 205
  - Second Language II

Total (16)

## Junior Year

### First Semester

- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 355 - Advanced Physics Lab
  - Mathematics Elective \*

- CHEM/BIOL Elective + Lab

Total (15-16)

## Second Semester

- PHYS 382 - Thermodynamics
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
  - PHIL 200 - Philosophical Perspectives
  - Theological Perspectives elective
  - Historical Perspectives Elective

Total (16)

## Senior Year

### First Semester

- PHYS 376 - Quantum Mechanics I
- PHYS 395 - Physics Research
  - Physics, Engineering, Mathematics or Computer Science Elective \*\*
  - Humanities elective
  - Social Sciences elective
  - DCR or General elective

Total (16)

### Second Semester

- PHYS 377 - Quantum Mechanics II
- PHYS 398 - Physics Thesis
  - Physics Capstone elective
  - Creative Perspectives elective
  - Writing Intensive or General elective
  - E/RS or General elective

Total (16)

### 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.

\*\*Not required, but strongly recommended for students interested in attending a graduate program.

### Scheduling Notes:

- 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.

## 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 150 - Elements of Calculus I

or

- MATH 150
- MATH 151 - Elements of Calculus II

or

- MATH 170 - Calculus I
- MATH 171 - Calculus II

## Philosophy:

An additional Philosophy 300 level elective of 3 credit hours beyond core requirements.

## Science:

- 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

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

32 hours of required psychology courses from:

- PSYC 101 - General Psychology
- PSYC 200 - Orientation to the Major



- PSYC 210 - Statistical Techniques
  - Statistical Techniques Lab
- 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 - Abnormal Psychology
- PSYC 301 - History&Systems of Psychology
- PSYC 427 - Cognitive Psychology
  
- PSYC 499 - Senior Comprehensive Review

6 hours of psychology electives selected from:

- PSYC 232-498 (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in these psychology courses.
- Majors must attain a C- or above in each of: BIOL 140, BIOL 141, PSYC 210, PSYC 212, PSYC 221, and PSYC 223
- 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 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health

- MATH 105 - Fundamentals of Math or
- MATH 120 - Elementary Functions or
  - MATH 140 (if one tests into 150 or 170)
- PSYC 101 - General Psychology
  - Foreign Language Elective
  - CORE 100 - First Year Seminar

Total (16)

## Second Semester

- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
  - Foreign Language Elective
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric
- PSYC 200 - Orientation to the Major
- PSYC 231 - Developmental Psychology

or

- PSYC 261 - Social Psychology

or

- PSYC 277 - Abnormal Psychology
  - MATH 140 - Mathematical Perspectives or
  - PSYC 231 - Developmental Psychology or
  - PSYC 261 - Social Psychology or
  - PSYC 277 - Abnormal Psychology

Total (17)

## Sophomore Year

## First Semester

- Historical Perspectives
- PHIL 100 - Ethics as Intro to Philosophy
- PSYC 210 - Statistical Techniques
  - PSYC 212 - Statistical Techniques Lab
- PSYC 221 - Research Meth & Design I
- PSYC 223 - Research Meth & Design I Lab

- PSYC 231 - Developmental Psychology

or

- PSYC 261 - Social Psychology

or

- PSYC 277 - Abnormal Psychology

Total (16)

## Second Semester

- ENGL 205 - Literature & Moral Imagination or
- CLAS 205 - Classical Lit & Moral Imagina
- THEO 111 - Theological Foundations
- PHIL 290 - Theory of Knowledge
- PSYC 222 - Research Meth & Design II
- PSYC 224 - Research Meth & Design II Lab

- PSYC 231 - Developmental Psychology

or

- PSYC 261 - Social Psychology

or

- PSYC 277 - Abnormal Psychology

or

- General University Elective (if tested into MATH 150 or 170)

Total (15)

## Junior Year

## First Semester

- PSYC 427 - Cognitive Psychology

Total (15)

## Second Semester

- PSYC Elective
- PHIL 300 Level Elective (also fulfills humanities elective)
- General University Elective
- General University Elective / Minor
- General University Elective / Minor

Total (15)

## Senior Year

### First Semester

- PSYC 301 - History&Systems of Psychology
  - PSYC Elective
- PSYC 499 - Senior Comprehensive Review (if planning on grad school)

or

- General University Elective
  
- General University Elective / Minor
- General University Elective / Minor

Total (15)

### Second Semester

- General University Elective

or

- PSYC 499 - Senior Comprehensive Review (if planning on job at graduation)
  - E/RS Focus Elective
  - CORE 499 - Reflection on XU Core
  - General University Elective / Minor
  - General University Elective / Minor

Total (12)

## 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 - Concentration In Early Childhood Intervention Specialist, B.S.

### 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:

38 credit hours, as follows

### Specific education courses, take

- EDFD 110 - Human Development & Learning
- EDEL 260 - Cultural Diversity In Educ
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 377 - Early Childhood Math & Science
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods for Early Chld
- EDMS 350 - Technology & Topics for Educat
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 204 - Read Assess & Strat-Lang Proc
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDSP 205 - Foundations in ECSPED
- EDSP 380 - Classroom Management
- EDSP 401 - Teaching Seminar

### Note(s):

- Grade of "B-" in curriculum courses.

### Concentration requirements:

34-40 additional credit hours to fulfill a concentration area.

## Early Childhood Intervention Specialist

(40 hours required) - take

- 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

or

- EDEC 230 - Play in Early Childhood Educ
- EDSP 391 - Ecsped Learning Theories

- EDSP 392 - ECSPED: Observation & Asmt
- EDSP 393 - ECSPED: Curriculum Practices
- EDSP 403 - ECSPED Student Teaching
- EDCH 324 - Children's Lit for Early Child

### 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 Tests: 001, 013, 038, 039.
- TPA (Teacher Performance Assessment) during Student Teaching.

## **Special Education - Concentration in Mild/Moderate Intervention Specialist, B.S.**

### 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:

38 credit hours, as follows

### Specific education courses, take

- EDFD 110 - Human Development & Learning
- EDEL 260 - Cultural Diversity In Educ
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 377 - Early Childhood Math & Science
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods for Early Chld
- EDMS 350 - Technology & Topics for Educat
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 204 - Read Assess & Strat-Lang Proc
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDSP 205 - Foundations in ECSPED
- EDSP 380 - Classroom Management
- EDSP 401 - Teaching Seminar

### Note(s):

- Grade of "B-" in curriculum courses.

### Concentration requirements:

34-40 additional credit hours to fulfill a concentration area.

## Mild/Moderate Intervention Specialist

- EDSP 360 - M/M Characteristics & Strategi
- EDSP 362 - M/M Support Services
- EDSP 363 - Sp Ed: Assessment & Evaluation
- EDSP 364 - DAP Instructional Materials
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 372 - Communication Strategies & Tec
- EDSP 374 - Curr Prac:Moderate Disabilitie
- EDSP 402 - M/I Student Teaching



## and 3 hours of a literature course

- EDCH 324 - Children's Lit for Early Child

## 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.
- OAE Tests: 004, 043, 038, 039, 030 (recommended)
- Teacher Performance Assessment (during Student Teaching)

## **Special Education - Concentration in Moderate/Intensive Intervention Specialist, B.S.**

### 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:

38 credit hours, as follows

### Specific education courses, take

- EDFD 110 - Human Development & Learning
- EDEL 260 - Cultural Diversity In Educ
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 377 - Early Childhood Math & Science
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods for Early Chld
- EDMS 350 - Technology & Topics for Educat
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 204 - Read Assess & Strat-Lang Proc
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDSP 205 - Foundations in ECSPED
- EDSP 380 - Classroom Management
- EDSP 401 - Teaching Seminar

### Note(s):

- Grade of "B-" in curriculum courses.

### Concentration requirements:

34-40 additional credit hours to fulfill a concentration area.

## Moderate/Intensive Intervention Specialist

(34 hours required) - take

- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 370 - M/I Characteristics & Strateg
- EDSP 372 - Communication Strategies & Tec
- EDSP 373 - M/I Assessment & Evaluation
- EDSP 376 - M/I Support Services
- EDSP 389 - Prog Prac:Severe/Intensive Dis
- EDSP 402 - M/I Student Teaching

and 3 hours of a literature course

- EDCH 324 - Children's Lit for Early Child

## 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.
- OAE Tests: 004, 043, 038, 039, 030 (recommended)

## **Special Education - Concentration in Early Childhood Intervention Specialist and Early Childhood Education with Montessori Credentialing (Double Major), B.S.**

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:

38 credit hours, as follows

Specific education courses, take

- EDFD 110 - Human Development & Learning
- EDEL 260 - Cultural Diversity In Educ
- EDME 376 - Phonics Skills for Early Chldh

or

- EDME 362 - Phonics and Orton-Gillingham

or

- EDRE 269 - Phonics & Foundation of Litera
- EDME 377 - Early Childhood Math & Science
- EDME 354 - Mont Language Arts & Read Meth

or

- EDRE 312 - Reading Methods for Early Chld
- EDMS 350 - Technology & Topics for Educat

or

- EDEL 251 - Instructional Technology
- EDRE 471 - Content Area Literacy
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDSP 205 - Foundations in ECSPED
- EDSP 401 - Teaching Seminar

## Note(s):

- Grade of "B-" in curriculum courses.

## Concentration requirements:

- 34-40 additional credit hours to fulfill a concentration area.

## Early Childhood Intervention Specialist

40 hours required - take

- EDSP 364 - DAP Instructional Materials
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 372 - Communication Strategies & Tec
- EDSP 376 - M/I Support Services
- EDEC 230 - Play in Early Childhood Educ
- EDSP 391 - Ecsped Learning Theories
- EDME 350 - Methods of Observation of Chld
- EDSP 393 - ECSPED: Curriculum Practices
- EDSP 403 - ECSPED Student Teaching
- EDCH 324 - Children's Lit for Early Child

## Early Childhood with Montessori Credentialing

- EDEL 100 - Introduction To Education
- EDEC 210 - Early Childhood Development
- 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 377 - Early Childhood Math & Science
- EDME 473 - Mont Early Childhood Pract I
- EDME 474 - Mont Early Childhood Pract II

### Note(s):

- A 2.70 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.
- OAE Tests: 001, 013, 038, 039
- TPA (Teacher Performance Assessment) during Student Teaching.

## **Sport Management, B.S.**

See Sport Management/Marketing, B.S.

## **Sport Marketing, B.S.**

See Sport Management/Marketing, B.S.

## **Teaching Life Sciences, B.S.**

### Requirements for the Teaching Life Sciences Major

### Undergraduate core curriculum requirements\* :

See Undergraduate Core Curriculum

## Mathematics:

- MATH 150 - Elements of Calculus I
- MATH 156 - General Statistics

Social sciences requirement completed within the professional courses.

Science requirement included within the major.

## Major Requirements:

31 hours of education courses:

- EDMS 131 - Professional Education
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDMS 470 - Student Teaching AYA
- EDRE 471 - Content Area Literacy
- EDFD 110 - Human Development & Learning
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

32 hours of 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 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 230 - Genetics

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab

and four hours of biology electives:

- BIOL 222 - Immunology
- BIOL 240 - Evolution
- BIOL 244 - Animal Behavior
- BIOL 354 - Human and Comparative Anat
- BIOL 360 - Cell Biology
- BIOL 355 - Human and Comp Anat Lab
- BIOL 460 - Developmental Biology
- BIOL 461 - Developmental Biology Lab

8 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

7 hours of physics courses:

- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I

Note(s):

- A 2.500 overall cumulative average must be attained; a 2.700 GPA must also be attained in education courses and in each area of certification.
- The program meets the State of Ohio licensure requirements for Grades 7-12.
- \* The University core curriculum must be fulfilled to meet State of Ohio regulations in general education for teacher licensure.

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

## 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.
- Required: 2.500 overall GPA; 2.700 GPA in education courses; 2.500 GPA in sciences.
- This program meets the State of Ohio licensure requirements for grades 7 through 12.
- \* Diversity Curriculum Elective Requirement (6 credit hours) may be used to satisfy other elements of the core or the major. Courses must be taken from two different departments.
- \*\* 4 hours from BIOL 222, BIOL 240, BIOL 244, BIOL 354, BIOL 355, BIOL 360, BIOL 460, BIOL 461

## Teaching Life Sciences and Chemistry, B.S.

### Requirements for the Teaching Life Sciences and Chemistry Major

#### Undergraduate core curriculum requirements\*:

See Undergraduate Core Curriculum

#### Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

Social science requirement completed within the professional courses.

Sciences requirement included within the major.

#### Major Requirements:



### 31 hours of education courses:

- EDMS 131 - Professional Education
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDMS 470 - Student Teaching AYA
- EDRE 471 - Content Area Literacy
- EDFD 110 - Human Development & Learning
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

### 24 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

### and five semester hours from:

- CHEM 220 - Principles of Physical Chem
- CHEM 221 - Analytical Chemistry
- CHEM 300 - Intro to Chem Research
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 411 - Organic Synthesis & Analysis

### 24 hours of 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 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 230 - Genetics
- BIOL 250 - Ecology

## BIOL 251 - Ecology Lab

and four semester hours from:

- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab

10 hours of physics courses:

- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

Note(s):

- A 2.700 cumulative average must be attained; a 2.700 GPA must also be attained in education courses and in each area of licensure.
- This program meets the State of Ohio licensure requirements for Grades 7-12. Course listing is subject to change according to State of Ohio regulations. See your advisor for current course requirements.
- \* The Undergraduate Core Curriculum must be fulfilled to meet State of Ohio regulations in general education for teacher licensure.

Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective is required, but one of the other core requirements may be selected to fulfill the requirement.
- Required: 2.700 overall GPA; 2.700 GPA in education courses; 2.700 GPA in sciences.
- This program meets the State of Ohio licensure requirements for Grades 7 through 12. Course listing is subject to change according to State of Ohio regulations. See your advisor for current course requirements.

## **Teaching Life Sciences and Physics, B.S.**

### Requirements for the Teaching Life Sciences and Physics Major

## Undergraduate core curriculum requirements\*:

See Undergraduate Core Curriculum

### Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

Social sciences requirement completed within the professional courses.

Science requirement included within the major.

### Major Requirements:

31 hours of education courses:

- EDMS 131 - Professional Education
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDMS 470 - Student Teaching AYA
- EDRE 471 - Content Area Literacy
- EDFD 110 - Human Development & Learning
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

24 hours of 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 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 230 - Genetics
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab

and four hours of biology electives:

- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab

or

- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab

7 hours of chemistry courses:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II

27 hours of physics courses:

- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab
- PHYS 161 - Introductory Physics Lab I
- PHYS 163 - Introductory Physics Lab II
- PHYS 170 - University 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
  - and six hours of physics electives (selected).

Note(s):

- A 2.700 overall cumulative average must be attained; a 2.500 GPA must also be attained in education courses and in each area of licensure.
- The program meets the State of Ohio licensure requirements for Grades 7-12.

\* The university core curriculum must be fulfilled to meet State of Ohio regulations in general education for teacher licensure.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective is required, but one of the other core requirements may be selected to fulfill the requirement.
- Required: 2.500 overall GPA; 2.700 GPA in education courses; 2.700 GPA in sciences.
- This program meets the State of Ohio licensure requirements for Grades 7 through 12.

## Teaching Physical Sciences (Chemistry and Physics), B.S.

### Requirements for the Teaching Physical Sciences Major

#### Undergraduate core curriculum requirements\* :

See Undergraduate Core Curriculum

#### Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

Social sciences requirement completed within the professional courses.

Science requirement included within the major.

#### Major Requirements:

### 31 hours of education courses:

- EDMS 131 - Professional Education
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDMS 470 - Student Teaching AYA
- EDRE 471 - Content Area Literacy
- EDFD 110 - Human Development & Learning
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

### 24 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 320 - Physical Chemistry I
  - and five elective chemistry hours (see advisor).

### 9 hours of biology courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab

### 24 hours of physics courses:

- PHYS 161 - Introductory Physics Lab I
- PHYS 163 - Introductory Physics Lab II
- PHYS 170 - University Physics I
- PHYS 172 - University Physics II
- PHYS 242 - Circuit Analysis
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I

- and six selected physics electives (see advisor).

In addition, the following are required:

- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab

Note(s):

- A 2.500 overall cumulative average must be attained; a 2.700 GPA must also be attained in education courses and in each area of licensure.
- The program meets the State of Ohio licensure requirements for Grades 7-12.
- \* The University core curriculum must be fulfilled to meet State of Ohio regulations in general education for teacher licensure.

Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective is required, but one of the other core requirements may be selected to fulfill the requirement.
- Required: 2.500 overall GPA; 2.700 GPA in education courses; 2.700 GPA in sciences.
- This program meets the State of Ohio licensure requirements for Grades 7 through 12.

## **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 110 - Survey of Dramatic Literature
- THTR 120 - Acting I
- THTR 150 - Stagecraft I
  - THTR 198 - Theatre Technology \*
  - THTR 199 - Performance Workshop \*
  - THTR 201 - Theatre History I
  - THTR 202 - Theatre History II
  - THTR 210 - Script Analysis
  - THTR 310 - Directing

\* Students must take at least one each of THTR 198 and THTR 199

## Theatre Performance/Production Courses:

12 credits from:

- THTR 121 - Voice and Movement
- THTR 160 - Improvisation
  
- THTR 220 - Improvisation for the Actor or
  - THTR 430 - Theatre Portfolio
  
- THTR 320 - Acting II
- THTR 330 - Set Design
- THTR 331 - Lighting Design
- THTR 332 - Costume Design
- THTR 340 - Stage Management
- THTR 420 - Acting III

## Theatre Electives:

3 credits from:

- COMM 235 - Digital Design
- ENGL 425 - Shakespeare
- ENGL 472 - Modern Drama
- MUSC 100 - Basic Music Theory
- MUSC 158 - Ballet I
- MUSC 159 - Ballet II
- MUSC 160 - Ballet Intermediate/Advanced
- MUSC 250 - Private Lesson: Alex Tech
- MUSC 282 - Private Lesson: Voice

## Education Requirements:



31 credits:

- EDMS 131 - Professional Education
- EDSP 200 - Sp Ed: Identification & Issues
- EDFD 110 - Human Development & Learning
- EDRE 471 - Content Area Literacy
- EDMS 350 - Technology & Topics for Educat
  - EDMS 33X - Teaching Methods: Elementary Drama (3)
  - EDMS 33X - Teaching Methods: Secondary Drama (3)
- EDMS 411 - Clinical Experiences
  - EDMS 47X - Student Teaching (9)

### 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**

## **Bachelor of Science in Business Administration**

### **Accounting, B.S.B.A.**

The Department of Accountancy offers the Bachelor of Science in Business Administration degree in Accounting. Also, it offers a Professional Accountancy Program to meet the law that is in effect in most states, including Ohio, that generally requires candidates to complete 150 semester credit hours of college coursework prior to sitting for the CPA examination.

The BSBA in Accounting is a four-year program that may be a terminal degree for students not interested in pursuing the CPA certificate, as well as a step toward fulfilling the 150-hour requirement for CPA candidates. An elective Internship experience is available to either student category.

### Requirements for the BSBA Accounting Major

## Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including

### Mathematics:

- MATH 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Business core requirements:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

21 hours of specific accounting courses above the business core:

- ACCT 304 - Acct Info Systems
- ACCT 305 - Financial Reporting & Analysis
- ACCT 306 - Finan Reporting & Analysis II
- ACCT 311 - Introduction to Taxation
- ACCT 490 - Auditing
- ACCT 415 - Nonprofit and Govt Acct

or

- ACCT 425 - Cost Accounting

or

- ACCT 485 - Financial Modeling

## Electives:

- 3 hours of business electives.

## Note(s):

- A 2.000 average must be attained in these accounting major courses.
- Ethical issues and professional responsibilities of accountants are integrated throughout these courses.
- Any course taken at another institution must be from an AACSB accredited business school and approved by the department.

## 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

- MATH 150 - Elements of Calculus I
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric
- BUAD 101 - The Business Profession I
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- PHIL 100 - Ethics as Intro to Philosophy
  - CORE 101 (0 hours)
  - Second Language I

Total (15)

#### Second Semester

- INFO 120 - Introduction to Business Tech
- ECON 200 - Microeconomic Principles
- BUAD 102 - The Business Profession I
  - CORE 102 (0 hours)
  - Historical Perspectives Elective
  - Second Language II or approved study abroad course
  - Scientific Perspectives Elective or Natural Sciences Elective
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar

Total (16)

## Sophomore Year

### First Semester

- ACCT 200 - Introductory Financial Acct
- ECON 201 - Macroeconomic Principles
- SHRM 200 - Human Resources In a Diverse S
- BUAD 201 - The Business Profession II
- STAT 210 - Statistics For Business I
  - PHIL 200 - Philosophical Perspectives

Total (15)

### Second Semester

- ACCT 201 - Introductory Managerial Acct
- FINC 300 - Business Finance
- BUAD 202 - The Business Profession II
- INFO 220 - Mgmnt of Info Tech
- STAT 211 - Statistics For Business II
  - Scientific Perspectives Elective or Natural Sciences Elective

Total (15)

## Junior Year

### First Semester

- ACCT 304 - Acct Info Systems
- BUAD 301 - The Business Profession III
- ACCT 305 - Financial Reporting & Analysis
- MGMT 300 - Managerial Behavior
- MGMT 301 - Managerial Communications
  - Theological Perspectives Elective

Total (15)

### Second Semester

- ACCT 306 - Finan Reporting & Analysis II
- BUAD 302 - The Business Profession III
- MKTG 300 - Principles of Marketing
- ECON 300 - Int'l Trade & Bus Environment
- ENGL 205 - Literature & Moral Imagination
  - Humanities Elective

Total (16)

## Senior Year

### First Semester

- ACCT 311 - Introduction to Taxation
- BLAW 300 - Legal Environment
- BUAD 401 - The Business Profession IV
  - ACCT Elective or Business Elective
  - Creative Perspectives Elective
  - General Elective

Total (16)

## Second Semester

- ACCT 490 - Auditing
- MGMT 302 - Quality & Product in Operation
- BUAD 402 - The Business Profession IV
  - ACCT Elective or Business Elective
  - Writing Intensive Elective
  - General Elective

Total (15)

## Scheduling Notes:

- All students must complete an oral communication, writing-intensive and quantitative reasoning flagged course. Many are included within the business core or major.
- Approved study abroad courses may be substituted for 201-level language
- Take six hours of science - but must include at least 3 hours of Scientific Perspectives Electives and 3 hours of Natural Sciences Electives (such as BIOL, CHEM or PHYS)
- Business students must take ECON 200 as the Social Science Elective
- Humanities include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS).

## Business Analytics, B.S.B.A.

The BSBA in Business Analytics 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 Major

### University Core Curriculum

See Undergraduate Core Curriculum

### BSBA Degree and Business Core Requirements

See Williams College of Business

## Major Requirements:

21 credit hours, as follows

- INFO 358 - Data Modeling and Management
- INFO 365 - Business Analytics
- INFO 329 - Data Mining

or

- MKTG 329 - Data Mining
- MKTG 302 - Marketing Research
  - MKTG 315 - Principles of Category Management

or

- MKTG 370 - Consumer Behavior
  - BANL 495 - Business Analytics Capstone
  - Any INFO 300-499 (excluding 403) or MKTG 300-499 course not used toward the completion of a separate degree. In addition, analytically focused courses in other disciplines will be considered at the discretion of the MIS Department Chair. At most, 3 double counts will be allowed in this major.

## B.S.B.A. Business Analytics

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

### Freshman Year

#### Fall Semester

- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- MATH 150 - Elements of Calculus I

or

- MATH 140 - Concepts of Calculus
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric
- MKTG 300 - Principles of Marketing
  - Second Language I
  - CORE 101
- BUAD 101 - The Business Profession I

Total (15)

## Spring Semester

- STAT 210 - Statistics For Business I
    - Quantitative Reasoning Elective
    - Second Language II
    - Historical Perspectives Elective
    - CORE 102
  - THEO 111 - Theological Foundations
- or
- CORE 100 - First Year Seminar
  - ECON 200 - Microeconomic Principles
  - INFO 120 - Introduction to Business Tech
  - BUAD 102 - The Business Profession I

Total (16)

## Sophomore Year

### Fall Semester

- PHIL 100 - Ethics as Intro to Philosophy
- ECON 201 - Macroeconomic Principles
- ACCT 200 - Introductory Financial Acct
- STAT 211 - Statistics For Business II
- INFO 220 - Mgmnt of Info Tech
- BUAD 201 - The Business Profession II

Total (15)

### Spring Semester

- SHRM 200 - Human Resources In a Diverse S
  - MGMT 300 - Managerial Behavior
  - MGMT 301 - Managerial Communications
  - BUAD 202 - The Business Profession II
  - ACCT 201 - Introductory Managerial Acct
- or
- FINC 300 - Business Finance
    - Scientific Perspectives or Natural Sciences Elective



## Total (15)

## Junior Year

### Fall Semester

- FINC 300 - Business Finance
- or
- ACCT 201 - Introductory Managerial Acct
- MKTG 302 - Marketing Research
- INFO 358 - Data Modeling and Management
- BUAD 301 - The Business Profession III
  - PHIL 200 - Philosophical Perspectives
  - Humanities Elective

## Total (15)

### Spring Semester

- BLAW 300 - Legal Environment
- ECON 300 - Int'l Trade & Bus Environment
- BUAD 302 - The Business Profession III
- MKTG 370 - Consumer Behavior
- MKTG 329 - Data Mining
- or
- INFO 329 - Data Mining
  - Theological Perspectives Elective

## Total (15)

## Senior Year

### Fall Semester

- ENGL 205 - Literature & Moral Imagination
- INFO 365 - Business Analytics
- BUAD 401 - The Business Profession IV
  - Natural Science Elective or Scientific Perspectives
  - Business Analytics Elective
  - Business Elective or Internship for Credit

## Total (15)

## Spring Semester

- MGMT 302 - Quality & Product in Operation
- BUAD 402 - The Business Profession IV
  - Creative Perspectives Elective
  - Business Analytics Capstone
  - Writing Intensive Elective
  - General Elective (2-3 hours)
  - CORE 499

Total (14-15)

## Scheduling Notes:

- Total for degree is 120-121 hours. Major is 21 hours plus business elective or internship for credit.
- Business majors must take ECON 200 as Social Science Elective
- Students can take any six hours of science but must include at least 3 hours of Natural Science, such as BIOL, CHEM or PHYS.

## 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

### Mathematics:

- MATH 150 - Elements of Calculus I or
- MATH 170 - Calculus I
- STAT 210 - Statistics For Business I

## Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, See Undergraduate Core Curriculum

## Business core requirements:

Including:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- STAT 211 - Statistics For Business II
- ECON 300 - Int'l Trade & Bus Environment

## Major Requirements:

18 total credit hours required, as follows:

### 21 hours of economics courses above the business core:

- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
  - 12 hours of economics electives, at least 6 hours of which must be at the 400-level.

## Electives:

- 3 hours of business electives.
- 3 hours of general electives.

## 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 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

- MATH 150 - Elements of Calculus I
  - First Year Seminar
- ENGL 115 - Rhetoric
  - Foreign Language Elective
- PHIL 100 - Ethics as Intro to Philosophy
- BUAD 101 - The Business Profession I

Total (15)

#### Second Semester

- THEO 111 - Theological Foundations
- ENGL 205 - Literature & Moral Imagination
- ECON 200 - Microeconomic Principles
  - Foreign Language Elective
  - Scientific Perspectives

## BUAD 102 - The Business Profession I

Total (16)

## Sophomore Year

### First Semester

- ACCT 200 - Introductory Financial Acct
- INFO 120 - Introduction to Business Tech
- BUAD 201 - The Business Profession II
- ECON 201 - Macroeconomic Principles
- STAT 210 - Statistics For Business I

Total (16)

### Second Semester

- SHRM 200 - Human Resources In a Diverse S
- ECON 300 - Int'l Trade & Bus Environment
- STAT 211 - Statistics For Business II
- ACCT 201 - Introductory Managerial Acct
- BUAD 202 - The Business Profession II

Total (15)

## Junior Year

### First Semester

- ECON 305 - Microeconomic Analysis
- MGMT 300 - Managerial Behavior
- FINC 300 - Business Finance
- BUAD 301 - The Business Profession III
  - Economics Elective
  - Historical Perspectives

Total (17)

## Second Semester

- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- MGMT 301 - Managerial Communications
- MGMT 302 - Quality & Product in Operation
- MKTG 300 - Principles of Marketing
  - Theological Perspectives
- BUAD 302 - The Business Profession III

Total (17)

## Senior Year

## First Semester

- ECON 492 - Capstone Experience in Economics I
- Economics Elective
- Economics Elective
- Writing Intensive Flag
- Humanities Perspectives
- General Elective
- BUAD 401 - The Business Profession IV

Total (16)

## Second Semester

- BLAW 300 - Legal Environment
  - ECON 493 - Capstone Experience in Economics II
  - Economics Elective
  - Business Elective
  - Creative Perspectives
  - General Elective
- BUAD 402 - The Business Profession IV

Total (17)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- ECON 200 fulfills the social science elective.
- BLAW 300 fulfills the E/RS elective.
- SHRM 200 fulfills the diversity flag.
- ECON 307 fulfills the quantitative flag.
- ECON 492 plus ECON 493 fulfills the oral communication flag
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major requirements.

## Entrepreneurial Studies, B.S.B.A.

The Department of Management and Entrepreneurship offers the Bachelor of Science in Business Administration in Entrepreneurial Studies.

Xavier's undergraduate major in Entrepreneurial Studies 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 Entrepreneurial Studies

Since successful entrepreneurs and those with an entrepreneurial mindset need to have an integrative and interdisciplinary set of skills, the Entrepreneurial Studies 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
- STAT 210 - Statistics For Business I

#### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Business Core Requirements:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

21 total credit hours required, as follows:

### 12 hours specifically required:

- ENTR 305 - Creativity & Innovation
- ENTR 311 - New Venture Planning
- ENTR 303 - Co-Op Education/Entrep St: JR or
- ENTR 403 - Co-Op Education/Entrep St: SR
- MGMT 495 - Strategic Management

### 3 hours as Marketing elective:



- MKTG 302 - Marketing Research
- MKTG 345 - Integrated Mktg. Comm
- MKTG 361 - Professional Selling

### 6 hours as a major elective:

- Select from a list of approved courses in FINC, INFO, MGMT, MKTG or SHRM.

### Electives:

- 3 hours of business electives.
- 3 hours of general electives.

### Note(s):

- All students declaring a major in Entrepreneurial Studies must consult the Director of the Xavier Entrepreneurial Center at the time they declare.
- 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.

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- \* SHRM 200 fulfills the Cultural Diversity Elective.
- \*\* BLAW 300 fulfills the E/RS Focus Elective requirement of the Core, also.

Freshman Year	31 hours
Sophomore Year	33 hours
Junior Year	35 hours
Senior Year	30 hours
Total Hours	123 credit hours are typical, with 120 as the absolute minimum.

## 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:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Major Requirements:

21 total credit hours required, as follows:

#### 15 hours of required finance courses:

- FINC 350 - Financial Statement Analysis or
- ACCT 306 - Finan Reporting & Analysis II
- FINC 365 - Investments
- FINC 401 - Intermediate Financial Mgmt
- FINC 485 - Financial Modeling
- FINC 488 - Applied Financial Strategy or
- FINC 492 - Portfolio Management II or
- FINC 495 - Cases & Problems in Finance

#### 6 hours from a finance major elective:

- FINC 306-499 (except 403) (refer to Course Descriptions.)

### Electives:

- 3 hours of business electives.

## 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

- THEO 111 - Theological Foundations or
  - First Year Seminar
- MKTG 300 - Principles of Marketing
- MATH 150 - Elements of Calculus I
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  - Second Language I
- BUAD 101 - The Business Profession I
  - First Year Co-Curricular Program

Total (16)

#### Second Semester

- THEO 111 - Theological Foundations <sup>1</sup> or
  - First Year Seminar
- INFO 120 - Introduction to Business Tech <sup>3</sup>
- STAT 210 - Statistics For Business I <sup>+</sup>
  - Historical Perspectives Elective
  - Second Language II
- ECON 200 - Microeconomic Principles <sup>2</sup>
- BUAD 102 - The Business Profession I

Total (16)

## Sophomore Year

### First Semester

- ECON 201 - Macroeconomic Principles
- STAT 211 - Statistics For Business II
- ACCT 200 - Introductory Financial Acct
- BUAD 201 - The Business Profession II
- MGMT 301 - Managerial Communications
- PHIL 100 - Ethics as Intro to Philosophy

Total (14-15)

### Second Semester

- ACCT 201 - Introductory Managerial Acct
- MGMT 300 - Managerial Behavior
- FINC 300 - Business Finance
- INFO 220 - Mgmnt of Info Tech
  - Scientific Perspectives Elective
- BUAD 202 - The Business Profession II

Total (15)

## Junior Year

### First Semester

- FINC 350 - Financial Statement Analysis or ACCT 301 or ACCT 306
- SHRM 200 - Human Resources In a Diverse S<sup>DCR</sup>
  - PHIL 200 - Philosophical Perspectives
- ENGL 205 - Literature & Moral Imagination
- BUAD 301 - The Business Profession III

Total (15)

## Second Semester

- FINC 401 - Intermediate Financial Mgmt
  - Theological Perspectives
- BUAD 302 - The Business Profession III
- FINC 485 - Financial Modeling
- ECON 300 - Int'l Trade & Bus Environment
  - Humanities Elective<sup>4</sup>

Total (15)

## Senior Year

### First Semester

- BUAD 401 - The Business Profession IV
  - Creative Perspectives Elective
  - Natural Science Elective
  - Elective Writing<sup>+</sup>
  - FINC Elective
- BLAW 300 - Legal Environment<sup>ERS</sup>

Total (15)

### Second Semester

- FINC 495 - Cases & Problems in Finance
  - FINC Elective
  - Business Elective
  - Elective - Oral Communication<sup>+</sup>
- BUAD 402 - The Business Profession IV<sup>5</sup>
- MGMT 302 - Quality & Product in Operation

Total (15)

## Scheduling Notes:

DCR\*SHRM 200 counts as DCR elective

ERS\*\*BLAW 300 counts as ERS elective (also DCR)

<sup>1</sup> Take the First Year Seminar in one of the two semesters and THEO 111 in the other

<sup>2</sup> Business students must take ECON 200 as Social Science Elective

<sup>3</sup> Take INFO 120 in fall or spring semester

<sup>4</sup> Humanities include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)

<sup>5</sup> Students complete required Financial Planning module

+ May double count with other courses

## Information Systems, B.S.B.A.

The Department of Management Information Systems offers the Bachelor of Science in Business Administration degree in Information Systems.

The objectives of the Information Systems program are to facilitate good management by:

1. Providing specialized professional training in information systems principles and techniques.
2. Stimulating the application of sound information systems to the wide range of business activities.
3. Aiding in the development of the student's intellect, communication skills, and analytic ability to prepare for the dynamic field of computer-information systems.

This degree is designed for individuals who aspire to a career as an analyst, or information systems manager or programmer. The major is conducive to a double major or as a minor to another major in the University since technology is critical to any profit or non-profit business.

## Requirements for the Information Systems Major

## Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including

### Mathematics:

- MATH 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Business Core Requirements:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

18 total credit hours required, as follows:

### 9 hours of information systems courses:

- INFO 358 - Data Modeling and Management
- INFO 360 - Intro to Application Developmt
- INFO 495 - System Development Project

### 9 hours of major elective:

Select from

- INFO 304-499 (excluding INFO 403). Students may also choose ACCT495 or FINC 495 at the discretion of course instructors. (Refer to Course Descriptions.)

## Electives:

### 3 hours of business electives:

Preferably an Internship via

- ENTR 303 - Co-Op Education/Entrep St: JR or
- ENTR 403 - Co-Op Education/Entrep St: SR

## Note(s):

- A 2.000 average must be attained in the information systems courses.

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

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.

## **International Business, B.S.B.A.**

The Dept of Management and Entrepreneurship offers the degree of Bachelor of Science in Business Administration in International Business. 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
- STAT 210 - Statistics For Business I

#### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

#### Foreign/Second Language:

- Through the 202 course level (the Intermediate level).

## Business core requirements:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

21 total credit hours required, as follows:

### 12 hours of Global Business Skills:

- MKTG 320 - International Marketing
- MGMT 325 - International Management

- FINC 476 - International Finance

and one of the following:

- SHRM 325 - International Human Resources
- ECON 450 - International Economics
- ECON 341 - Econ of Developing Countries
  
- BUAD 303 - Co-op Education/Intl Bus:JR or
- BUAD 403 - Co-op Education/Intl Bus:SR

3 hours of International Business Capstone:

- BUAD 495

6 hours of Global Cultural Knowledge:

- A history course — not used to satisfy university core requirements — that addresses the history of a country or region of the world except the U.S.
- A modern language course at the 300-400 level in the language used to fulfill the modern language skill requirement of the major.
- A course in a modern language that is not being used to fulfill the modern language skill requirement in the major.

Electives:

- 3 hours of business electives.

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.

Scheduling Notes:

- \* SHRM 200 fulfills the Cultural Diversity Elective.
- \*\* BLAW 300 fulfills the E/RS Focus Elective requirement of the Core, also.

Freshman Year	31
Sophomore Year	30
Junior Year	32
Senior Year	30
Total Hours	123 credit hours are typical, with 120 as the absolute minimum.

## 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
- STAT 210 - Statistics For Business I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Business core requirements:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## 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 - Strategic Management

### 12 hours of major electives:

Select from

- MGMT 310-499 (Refer to Course Descriptions.)
- ENTR 311 - New Venture Planning
  - ENTR 341
- MGMT 305 - Creativity & Innovation or
- ENTR 305 - Creativity & Innovation

## Electives:

3 hours of business electives, with suggested courses of:

- SHRM 321
- SHRM 495

- 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.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- \* SHRM 200 fulfills the Cultural Diversity Elective.
- \*\* BLAW 300 fulfills the E/RS Focus Elective requirement of the Core, also.

Freshman Year	31 hours
Sophomore Year	30 hours
Junior Year	32 hours
Senior Year	30 hours
Total Hours	123 credit hours are typical, with 120 as the absolute minimum.

## 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 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Business core requirements

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Major Requirements:

18 total credit hours required (in addition to MKTG 300), as follows:

#### 6 hours of foundations specifically required:

- MKTG 302 - Marketing Research
- MKTG 495 - Mktg Planning & Analysis

#### 12 hours of electives required:

- Select from MKTG 306-494 (except MKTG 403) (Refer to Course Descriptions.)
- INFO 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).
- 3 hours of general electives.

### 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.
- For MKTG 495, a students must complete 9 hours of Marketing course work (above 300) before taking MKTG 495 and must be taken in their last semester. Also, MKTG 302 , ACCT 200 and FINC 300 must be completed. MKTG 495 must be taken in the last semester at Xavier.
- STAT 211 must be completed before MKTG 302

## B.S.B.A. Marketing

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

### Freshman Year

#### First Semester

- ENGL 101 - English Composition
- MATH 150 - Elements of Calculus I
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- BUAD 101 - The Business Profession I
- MKTG 300 - Principles of Marketing
  - Second Language I
  - CORE 101 - First Year Experience

Total (15)

#### Second Semester

- BUAD 102 - The Business Profession I
- INFO 120 - Introduction to Business Tech
- STAT 210 - Statistics For Business I
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- ECON 200 - Microeconomic Principles
  - Second Language II
  - Historical Perspectives Elective
  - CORE 102 - First Year Experience

Total (16)

## Sophomore Year

### First Semester

- ECON 201 - Macroeconomic Principles
- ACCT 200 - Introductory Financial Acct
- MGMT 300 - Managerial Behavior
- STAT 211 - Statistics For Business II
- PHIL 100 - Ethics as Intro to Philosophy
- BUAD 201 - The Business Profession II

Total (15)

### Second Semester

- ACCT 201 - Introductory Managerial Acct

or

- FINC 300 - Business Finance
- SHRM 200 - Human Resources In a Diverse S
- BUAD 202 - The Business Profession II
- INFO 220 - Mgmt of Info Tech



MGMT 301 - Managerial Communications

- Scientific Perspectives Elective

Total (15)

## Junior Year

### First Semester

- FINC 300 - Business Finance

or

- ACCT 201 - Introductory Managerial Acct
- ENGL 205 - Literature & Moral Imagination
  - PHIL 200 - Philosophical Perspectives
  - Marketing Elective
  - Marketing Elective
- BUAD 301 - The Business Profession III

Total (15)

### Second Semester

- ECON 300 - Int'l Trade & Bus Environment
  - Marketing Elective
  - Marketing Elective
  - Theological Perspectives Elective
  - Humanities Elective
- BUAD 302 - The Business Profession III

Total (15)

## Senior Year

## First Semester

- MKTG 302 - Marketing Research
- BUAD 401 - The Business Profession IV
- BLAW 300 - Legal Environment
  - Creative Perspectives Elective
  - Natural Science Elective
  - General Elective

Total (15)

## Second Semester

- MKTG 495 - Mktg Planning & Analysis
- MGMT 302 - Quality & Product in Operation
  - General Elective
  - Business Elective
  - Writing Intensive Elective
- BUAD 402 - The Business Profession IV

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- All students must complete an oral communication, writing-intensive and quantitative reasoning flagged course. Many are included within the business core or major.
- A minimum total hour for an undergraduate degree is 120 hours.
- Total credit hours needed for the business degree (BSBA) is 121-123 hours-depending on your major.
- If students wish to complete two degrees 150 hours is required. A double major in business may be fewer hours.
- Students must take six hours of science - but must include 3 hours of Scientific Perspective electives and 3 hours of Natural Sciences such as BIOL, CHEM or PHYS
- Humanities include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS).
- For 18-hour business majors, you may substitute a free elective for the major elective.

## **Strategic Human Resource Management, B.S.B.A.**

The Department of Management, Entrepreneurship and Strategic Human Resources offers the degree of Bachelor of Science in Business Administration in Strategic Human Resource Management.

In today's increasingly complex business world, there is a need for Human Resources Practitioners or Functional Specialists with well-rounded professional training to be leaders in the ethical and strategically effective employment of people in organizations. Although the primary goal of the program is to provide the professional training necessary for graduates to obtain human resources jobs, the major should be especially appealing to students with broad interests. Reflecting this broad approach, the field of human resources is studied from a strategic approach encompassing a wide range of business areas as well as legal, economic, and political perspectives. The core program provides students the opportunity to take advanced courses that are both theoretical and practical in nature from the human resources functional areas, including staffing, compensation, training and development, change management, international human resources, and labor relations; additionally, students take the strategic HRM capstone course that emphasizes the strategic importance of HRM in organizational effectiveness and the internal assessment of HRM systems for alignment with organizational goals.

Outside of the classroom, students may 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 Major

### Undergraduate core curriculum requirements:

See the Undergraduate Core Curriculum in the catalog.

### Mathematics:

- MATH 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Business Core Requirements:

- 42 hours includes
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

21 total credit hours required, as follows:

12 hours specifically required:

- SHRM 345 - Compensation
- SHRM 360 - Staffing
- SHRM 370 - Training and Development
  
- SHRM 495 - SHRM Capstone (preferred) or
- MGMT 495 - Strategic Management

9 hours from electives:

- SHRM 303 - Human Resources Internship I or
- SHRM 403 - Human Resources Internship II
  
- SHRM 302 - Labor Relations
  
- SHRM 309 - Change Management or
- MGMT 309 - Change Management
  
- SHRM 325 - International Human Resources
- SHRM 404 - Advanced Topics In SHRM
- MGMT 314 - Leadership
- MGMT 385 - Project Management
- SHRM 495 - SHRM Capstone

Electives:

- Three (3) hours of business electives.

Note(s):

- No more than six (6) hours may double count between MGMT major and SHRM major (excluding SHRM 200).
- A 2.000 cumulative average must be attained in these major courses.

## Sustainability: Economics and Management, B.S.B.A.

The Bachelor of Science in Business Administration, Sustainability: Economics and Management will be a 127 credit hour program, with a combination of classroom-based and experiential on-site learning, and key inter-disciplinary components, in the context of a Jesuit education. Sustainability is typically defined as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs," and economic

sustainability involves the integration of economic and organizational goals with environmental and social goals. This degree will allow student to holistically investigate the complex sustainability challenges of our era, where the economy and the organizations associated with it are seen as a component of the ecosystem, not vice versa. Students will be encouraged to imagine and assist in creating new ways of thinking about sustainability in our economies and organizations. Values-based and ethical issues will be regularly examined, including social justice questions related to distribution of economic products and resources, both within and across generations.

## Requirements for the Sustainability: Economics and Management Major

### Core Curriculum

Consult the Undergraduate Core Curriculum requirements of the Catalog.

### Major Requirements:

- ECON 305 - Microeconomic Analysis
- ECON 320 - Natural Resource Economics
  - ECON - Environment, Economics and Policy
  - ECOS Capstone: Experiential Integrative Project
- MGMT 300 - Managerial Behavior
- MGMT 301 - Managerial Communications
- MGMT 302 - Quality & Product in Operation
- MGMT 309 - Change Management
  - MGMT 322 - Managing for Sustainability
- MGMT 333 - Global Supply Chain Mgmt
- SHRM 200 - Human Resources In a Diverse S

### Recommended Business Elective:

Choose one of the following:

- BIOL 398 - SEM: Environmental Studies
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- ECON 315 - History of Economic Thought
- ECON 395 - Economics of Poverty
- ECON 341 - Econ of Developing Countries
- ECON 420 - Urban and Regional Economics
- ECON 440 - Public Economics
- ECON 450 - International Economics
- ECON 460 - Labor Economics
- ECON 495 - Markets, Strategy & Rivalry
  - ECON - Sustainable Economic Development
- ENTR 305 - Creativity & Innovation
- ENTR 311 - New Venture Planning

- ENTR - Entrepreneurial Cooperatives
- MGMT 314 - Leadership
- MGMT 325 - International Management
  - MGMT 385 - Project Management
  - Internship: Junior/Senior

TOTAL Minimum Hours Required for Degree: 120-121 Semester Hours

## B.S.B.A. Sustainability: Economics and Management

### Freshman Year

#### Fall Semester

- ECON 200 - Microeconomic Principles
- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations

or

- CORE 100
- INFO 120 - Introduction to Business Tech
- BUAD 101 - The Business Profession I
  - CORE 101
  - Second Language I
  - Mathematical Perspectives (MATH 140, 150 or 170)

TOTAL (16)

#### Spring Semester

- ECON 201 - Macroeconomic Principles
- THEO 111 - Theological Foundations

or

- CORE 100
- BUAD 102 - The Business Profession I
  - Scientific Perspectives
  - Historical Perspectives
  - Second Language II

- CORE 102

TOTAL (15)

Sophomore Year

Fall Semester

- ECON 320 - Natural Resource Economics
- STAT 210 - Statistics For Business I
- PHIL 100 - Ethics as Intro to Philosophy
- MKTG 300 - Principles of Marketing
- MGMT 300 - Managerial Behavior
- BUAD 201 - The Business Profession II

TOTAL (15)

Spring Semester

- ACCT 200 - Introductory Financial Acct
- INFO 220 - Mgmnt of Info Tech
- BUAD 202 - The Business Profession II
- STAT 211 - Statistics For Business II
  - Theological Perspectives
  - MGMT 322 - Managing For Sustainability

TOTAL (15)

Junior Year

## Fall Semester

- ACCT 201 - Introductory Managerial Acct or
- FINC 300 - Business Finance
- MGMT 301 - Managerial Communications
- ECON 305 - Microeconomic Analysis
- BUAD 301 - The Business Profession III
  - PHIL 200 - Philosophical Perspectives
  - Natural Science Elective

TOTAL (15)

## Spring Semester

- ACCT 201 - Introductory Managerial Acct or
- FINC 300 - Business Finance
- ECON 300 - Int'l Trade & Bus Environment
- BUAD 302 - The Business Profession III
- SHRM 200 - Human Resources In a Diverse S
  - ECON 421 - Environment, Economics and Policy
  - Humanities Elective

TOTAL (15)

## Senior Year

## Fall Semester

- ENGL 205 - Literature & Moral Imagination
- MGMT 309 - Change Management
  - General Elective
  - SUST Capstone
- BUAD 401 - The Business Profession IV
- MGMT 302 - Quality & Product in Operation

TOTAL (15)

## Spring Semester



- BLAW 300 - Legal Environment
- MGMT 333 - Global Supply Chain Mgmt
- BUAD 402 - The Business Profession IV
  - Creative Perspectives Elective
  - Business Elective (SUST Practicum or Internship)
  - General Elective
  - CORE 499

TOTAL (14-15)

## Scheduling Notes:

- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- Diversity Curriculum Requirement electives may be used to satisfy other elements of the core or the major.

## Bachelor of Science in Nursing

### Nursing, B.S.N.

The Bachelor of Science in Nursing program is designed for the student who is interested in becoming a professional nurse. The graduate is prepared as a generalist to meet the health care needs of diverse populations in an ever-changing, highly technical health care environment. The program is focused on an innovative holistic health and wellness model and educates nurses in the skills of communication, coordination and cooperation with other health care professionals, in a variety of community 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 four years. Pre-licensure students will be qualified to sit for the NCLEX-RN following their successful completion of the program. In addition, all BSN students are eligible to sit for the American Holistic Nurses' Certification examination.

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. Nursing courses begin during the freshman year.

Nursing is a selective admission program. Go to <http://www.xavier.edu/undergraduate-admission/Selective-Admission-Programs.cfm> to review admission requirements specific to nursing.

#### Hispanic Focus

Students enrolled in the BSN program have the opportunity to add the Hispanic Focus to their course of study. This focus is a selection of interdisciplinary courses and selected nursing assignments intended to enhance the student's understanding of, and nursing practice with, the ever-growing Hispanic population. Additional information about the Hispanic Focus is at <http://www.xavier.edu/nursing-school/Hispanic-Focus.cfm>.

#### BSN-MSN Honors Program

Students enrolled in the BSN program have the opportunity to complete a master's degree in any track other than family nurse practitioner within one calendar year and one practicum semester following graduation from the BSN program. Students may apply for this program during spring semester of junior year. Contact the School of Nursing for details and admission criteria.

## B.S. in Nursing

The 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..

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 A&P I for Allied Health <sup>1c</sup>
- BIOL 141 - Hum A&P I Lab Allied Health <sup>1c</sup>
  - Second Language I <sup>c</sup>
- SOCI 101 - Introduction to Sociology <sup>1c</sup> or
- SOCW 167 - Survey of Society Social Work
- NURS 130 - Ways of Knowing
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar <sup>2c</sup>
  - CORE 101 - First Year Co-Curriculum Program I

Total (16)

### Second Semester

- BIOL 142 - Hum A&P II for Allied Health <sup>1c</sup>
- BIOL 143 - Hum A&P II Lab Allied Health <sup>1c</sup>
  - Second Language II <sup>c</sup>
  - Mathematics Elective <sup>2</sup> (Required for Nursing)
- NURS 132 - Health and Culture I +
- THEO 111 - Theological Foundations <sup>2c</sup> or
  - CORE 100 - First Year Seminar
  - CORE 102 - First Year Co-Curricular Program II

Total (16)

## Sophomore Year

### First Semester

- CHEM 150 - Physiological Chemistry <sup>1</sup>
- CHEM 151 - Physiological Chemistry Lab <sup>1</sup>
- NURS 224 - Nurs Therapeutics I: Asmt
- NURS 225 - Nurs Therapeutics I:Practicum
- PHIL 100 - Ethics as Intro to Philosophy
  
- ENGL 101 - English Composition <sup>c</sup> or
- ENGL 115 - Rhetoric <sup>c</sup>

Total (16)

### Second Semester

- NURS 364 - Pathophysiology
- BIOL 200 - Microbiology <sup>1</sup>
- BIOL 201 - Microbiology Lab <sup>1</sup>
- NURS 230 - Nurs Theapeutics II
- NURS 231 - Nurs Therapeutics II Practicum
  - Historical Perspectives Elective <sup>c</sup>

Total (16)

## Junior Year

### First Semester

- Theological Perspectives Elective <sup>c</sup>
- MATH 116 - Elementary Statistics \*\* or
- MATH 156 - General Statistics \*\* (Mathematical Perspectives Electives):<sup>c</sup>
  
- ENGL 205 - Literature & Moral Imagination <sup>c</sup> or
- CLAS 205 - Classical Lit & Moral Imagina <sup>c</sup> or
- SPAN 205 - Hispanic Lit & Moral Imagin <sup>c</sup>
  
- NURS 360 - Adults in Transitions
- NURS 361 - Adult in Transitions Practicum

Total (17)

## Second Semester

- Philosophical Perspectives Elective <sup>c</sup>
- PSYC 277 - Abnormal Psychology <sup>c</sup>
- NURS 370 - Intro to Nursing Research (prereq Statistics)
- NURS 372 - Families in Transitions
- NURS 373 - Families Transitions Practicum

Total (17)

## Senior Year

### First Semester

- Humanities Elective <sup>c</sup>
- Creative Perspectives Elective <sup>c</sup>
- NURS 450 - Mental Health Nursing
- NURS 451 - Mental Health Nursing Pract
- NURS 470 - Community Health Nursing
- NURS 471 - Community Health Nursing Pract

Total (14)

## Second Semester

- NURS 472 - Care of the Complex Client
- NURS 473 - Care of Complex Client Practic
- NURS 498 - Senior Seminar
  - Nursing Elective

Total (14)

## Scheduling Notes:

- <sup>1</sup> These courses must be taken in the semester indicated.
- <sup>2</sup> These core courses must be taken freshman year
- <sup>C</sup> Meets university core requirement
- All students must satisfy 5 flags in addition to the University core curriculum. The 5 flags include: Diversity (NURS 132 fulfills), E/RS, Oral Communication (NURS 130 fulfills), Quantitative Reasoning, Writing (NURS 370 fulfills). Nursing students may be able to fulfill the remaining 2 flags via choice of core courses or nursing courses.
- <sup>3</sup> Nursing students should choose a course that fulfills the E/RS elective.
- <sup>4</sup> 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 Science in Social Work

### Social Work, B.S.W.

Social workers are licensed professionals helping people and society with complex interpersonal and social problems. Social Work is a profession with both educational and licensure requirements 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 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 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 both a consumer and producer of research informed practice and practice informed research.
- **Human Behavior & Diversity:** students will know and utilize social work cultural competency standards and theories of human behavior grounded in a person-in-environment perspective.
- **Ethics & Values:** students will engage in an ethical decision making process based on the core values and ethical principles of social work including identifying personal and professional values that play a role in that process.
- **Policy & Social Justice:** students will 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.
- **Professional Practice:** students will identify as professional social workers and become leaders in shaping the areas of engagement, assessment, intervention, and evaluation to effectively address societal trends.

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.

## Requirements for the Social Work Major

### Undergraduate core curriculum requirements: 48-63 Credit Hours dependent on courses taken

- 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 or BIOL 132 and earn a grade of "C" or better; and take 3 hours of another science.

#### 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, Poverty and Society
- SOCW 316 - Soc Policy & Contemporary Issu
- SOCW 320 - Communication Skills Seminar
- SOCW 352 - Research Methodology
  - SOCW Upper Level Diversity Course (Choose either SOCW 318 Trends in Modern Soc: Race Rel, or SOCW 325 Women/Men: Myth & Reality)
- 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
- SOCW 424 - Research Paper

## 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
  - SOCW 204 - Contemporary Social Problems
  - CJUS 260 - Current Issues in Crim Justice
  - CJUS 321 - Juvenile Justice
  - COMM 101 - Oral Communication
  - COMM 209 - Group Dynamics
  - POLI 140 - American Government and Politi
  - POLI 301 - Political Philosophy
  - PSYC 261 - Social Psychology
- or
- SOCW 261 - Social Psychology
  - PSYC 277 - Abnormal Psychology
  - SOCW 318 - Trends in Modern Soc: Race Rel
  - SOCW 325 - Women/Men: Myth & Reality
  - SOCW 402 - Child Abuse & Family Violence

- SOCW 444 - Addictive Behaviors
- PSYC 367 - Psychology of Aging
- SOCW 310 - Family and Society
- SOCW 330 - Community Organizing
- SOCW 338 - Lesbian Gay BTQ Studies

## 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
  - Foreign Language Elective (3)
  - CORE 100 - First Year Seminar
- SOCW 167 - Survey of Society Social Work (fulfills core Diversity Curriculum Requirement)

Total (15)

### Second Semester



- THEO 111 - Theological Foundations
  - Foreign Language Elective (3)
- SOCI 101 - Introduction to Sociology or
- PSYC 101 - General Psychology
  - Creative Perspectives Elective

Total (15)

## Sophomore Year

### First Semester

- SOCW 299 - Child Welfare and Development (fulfills core curriculum Social Science Requirement)
  - SOCW 206 - Intro to Gender & Diversity St
    - PHIL 200 - Philosophical Perspectives
    - Scientific Perspectives Elective
  - CLAS 205 - Classical Lit & Moral Imagina
- or
- ENGL 205 - Literature & Moral Imagination
- or
- SPAN 205 - Hispanic Lit & Moral Imagin

Total (15)

### Second Semester

- SOCW 300 - Adolescence - Older Adulthood
- BIOL 102 - Life: Human Biology
  - BIOL 132 - Life: Human Biology Lab (fulfills core curriculum Natural Science Requirement)
- SOCW 208 - Economics of Society
  - Humanities Elective
  - Oral Communication Elective

Total (15)

Junior Year

First Semester

- SOCW 315 - Values, Poverty and Society +
- SOCW 392 - Practice I: Individuals
  - SOCW Elective
- MATH 116 - Elementary Statistics or
  - MATH 157 - General Statistics (fulfills core curriculum Mathematical Perspectives Requirement)
- PSYC 101 - General Psychology or
- SOCI 101 - Introduction to Sociology

Total (15)

Second Semester

- SOCW 316 - Soc Policy & Contemporary Issu
  - SOCW Upper Level Diversity Course (Choose from SOCW 318 Trends in Modern Soc: Race Rel,or SOCW 325 Women/Men: Myth & Reality
  - SOCW Elective
  - Quantitative Elective
- SOCW 320 - Communication Skills Seminar
- SOCW 393 - Practice II: Groups & Families

Total (16)

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
- SOCW 404 - Rel/Ethics & Profession Pract (Fulfills core curriculum Theological Perspectives or Humanities requirement) +

Total (15)

## Second Semester

- SOCW 418 - Social Work Field Instruction
- SOCW 420 - Social Work Seminar
  - SOCW Elective
  - Writing Intensive Elective
  - General Elective
- SOCW 424 - Research Paper

Total (16)

## 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, Poverty and Society; 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

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 2.000 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 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.

## 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 twelve 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

6 hours of language/culture from:

- FREN 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions ).

3 hours of electives from:

- FREN 300-498 (Refer to Course Descriptions ).

#### German

6 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

GERM 410-470 (Refer to Course Descriptions ).

3 hours of electives from:

- GERM 300-498 (Refer to Course Descriptions ).

## Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II

and

- 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.

## **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 twelve 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**

6 hours of language/culture from:

- FREN 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions ).

3 hours of electives from:

- FREN 300-498 (Refer to Course Descriptions ).

## German

6 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

GERM 410-470 (Refer to Course Descriptions ).

3 hours of electives from:

- GERM 300-498 (Refer to Course Descriptions ).

## Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II

and

- 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**

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 2.000 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 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.

## **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**

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 2.000 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 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.

## **Political Science, A.A.**

### **Core Curriculum Requirements:**

Undergraduate Core Curriculum

### **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 Regime

### 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

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 2.000 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 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.

## **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

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 2.000 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 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 twelve 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

6 hours of language/culture from:

- FREN 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions ).

3 hours of electives from:

- FREN 300-498 (Refer to Course Descriptions ).

### German

6 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

GERM 410-470 (Refer to Course Descriptions ).

3 hours of electives from:

- GERM 300-498 (Refer to Course Descriptions ).

## Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II

and

- 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 - The Christian Tradition I or
- THEO 210 - The Christian Tradition II
- 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

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 2.000 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 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.

## **Associate of Business Administration**

### **General Business, A.B.A.**

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
- MGMT 302 - Quality & Product in Operation
- 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

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 2.000 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 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.

## 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
  - CJUS 336

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

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 2.000 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 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.

## 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 332
- 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

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 2.000 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 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.

## Early Childhood Education, A.S.

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 - Methods of Observation of Chld
- 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 - Early Cognitive Development or
- EDFD 110 - Human Development & Learning

### Student Teaching Year

### Note(s):

- This program may be applied to a four year degree program.

## Requirements for all Associate's Degrees

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 2.000 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 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.

## **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 233 - Adolescent Psychology or
- PSYC 367 - Psychology of Aging
- PSYC 261 - Social Psychology
- PSYC 366 - Crime & Personality
- PSYC 277 - Abnormal Psychology
- PSYC 301 - History&Systems of Psychology
- PSYC 321 - Industrial-Organizational Psyc
- PSYC 379 - Psyc and Achievement Testing
  - Or other Psychology courses offered.

## Note(s):

- A 2.000 cumulative average must be attained in these psychology courses.
- For more information on the associate degree, contact Xavier's Center for Adult and Part-time Students (CAPS).

## Requirements for all Associate's Degrees

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 2.000 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 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.

## Radiologic Technology, A.S.

The Radiologic Technology Program offers a two year/full-time (21 months) classroom and clinical training leading to an Associate of Science degree. The hospital affiliates are Good Samaritan Hospital and Mercy Hospital-Western Hills. Education for the radiography student is an integrated plan of classroom, laboratory and clinical education. The Radiographic Practicum courses (12 credit hours and approximately 1750 clock hours) allow the students to practice the theories taught at Xavier and apply them in a clinical setting. Upon successful completion of the program, students receive an Associate Degree of Science and are eligible to apply to the American Registry of Radiologic Technology (ARRT) to take their certification examination.

Students interested in pursuing a career in Magnetic Resonance Imaging (MRI) can complete the MRI courses and clinical training after graduating from the radiologic technology program. These courses are designed to help MRI technologists working in the field prepare for the ARRT advanced examination or to help radiographers obtain their Bachelor's degree of Liberal Arts with a concentration in MRI.

## Associate of Science Degree in Radiologic Technology

The program requires 73 semester hours which include courses in liberal arts and radiologic technology.

The graduates of this program are eligible to apply for the American Registry of Radiologic Technologists examination.

## Requirements for the Associate Degree in Radiologic Technology:

## Undergraduate core curriculum requirements:

Undergraduate Core Curriculum

## Major requirements:

37 credit hours, as follows

### Specific courses are required, take:

- RADT 150 - Medical Terminology
- RADT 152 - Patient Care in Radiography
- RADT 154 - Ethics & Law in Radiography
- RADT 160 - Radiographic Procedures I
- RADT 161 - Radiographic Practicum I
- RADT 162 - Radiographic Procedures II
- RADT 163 - Radiographic Practicum II
- RADT 165 - Radiographic Practicum III
- RADT 170 - Prin of Radiographic Expos I
- RADT 172 - Prin of Radiographic Expos II
- RADT 180 - Radiation Protection and Biolo
- RADT 200 - Digital Imaging
- RADT 250 - General Radiography
- RADT 260 - Special Procedures
- RADT 261 - Radiographic Practicum IV
- RADT 262 - Pharmacology & Drug Admin
- RADT 263 - Radiographic Practicum V
- RADT 265 - Radiographic Practicum VI (optional)
- RADT 270 - Prin of Radiographic Expos III
- RADT 272 - Principles Computed Tomography
- RADT 280 - Pathology
- RADT 292 - Imaging Equipment & Film Proce
- RADT 294 - Radiographic Sectional Anatomy

### Additional Major requirements:

7 credit hours, as follows

### 3 hours of Interpersonal Communication from:

- COMM 207 - Interpersonal Communication

### 4 hours of Technical and Radiologic Physics from:



- PHYS 140 - Technical Physics
- PHYS 141 - Radiologic Physics

### Note(s):

- A grade of "C-" or better must be attained in all RADT and PHYS courses.
- Courses with prerequisites cannot be taken until the prerequisite courses have been successfully completed with a grade of "C-" or better.
- All students must present evidence of the following **prior to entrance in all clinical courses:**
  1. Liability insurance (\$2,000,000/\$4,000,000), purchased through the University and billed to student's account.
  2. Health history and required physical examination form
  3. MMR immunization
  4. Yearly tuberculosis skin test (two-step)
  5. Hepatitis B series
  6. Proof of current health care coverage
  7. Verification of history of varicella (chicken pox)
  8. Tetanus-Diphtheria-Acellular Pertussia (Tdap)
  9. CPR certification
- Students are responsible for these expenses as well as for uniforms, radiographic markers, and transportation costs to the clinical sites. Students must provide their own transportation between campus and clinical sites.

## TOTAL NUMBER OF CREDITS: 73 Hours

## Requirements for all Associate's Degrees

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 2.000 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 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.

## 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 sequence of courses is arranged in four groups.

Students should complete most of each group before proceeding to the next group.

### Group I (16 credit hours):

- 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 (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 (14 credit hours):

- COUN 642 - Consultation and Supervision
- COUN 765 - Crisis Counseling
- COUN 767 - Treating Addictions Advanced
- COUN 773 - Counseling Practicum
  - Elective (3)

### Group IV (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**

## Notes:

- COUN 760, 762, 763, 764, and 766 are part of Saturday clinical sequence that must be taken beginning in the Fall.

## **Counseling (School Counseling), M.A.**

The Master of Arts degree with a concentration 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

48 total credit hours are required. The sequence of courses is arranged in four groups.

Students should complete most of each group before proceeding to the next group.

### 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 (14 credit hours):

- COUN 509 - Counseling Research Methods
- 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 (7 credit hours):

- COUN 773 - Counseling Practicum
  - Electives (4)

### Group IV (10 credit hours):

- COUN 642 - Consultation and Supervision
- COUN 670 - School Counseling Internship (600 clock hours)
- EDSP 500 - Sp Ed: Identification & Issue (Note: Students with training in Special Education should consult the department chair prior to enrolling in this course.)

## TOTAL: 48 Semester Hours

## English, M.A.

The program for the Master of Arts degree in English is designed to develop critical, expository, and research skills, a critical and historical understanding of literature and language, and a working knowledge of current theories of interpreting and evaluating literary texts.

The M.A. in English requires a completion of 30 semester hours of course work, or with the approval of your advisor, the degree can be completed with 24 semester hours of course work and completing a written thesis which earns 6 hours of credit.

### The following 12 hours of courses are required of all students:

- ENGL 512 - Literary Theory
- ENGL 525 - Shakespeare
  - One 500-level graduate course on linguistics or language
  - One 500 or 600 level graduate course on women or minority authors

## Language Requirement:

Students must demonstrate reading knowledge of a foreign language by attaining at least a B in an intermediate-level foreign language course (e.g., 200-level) while taken as an M.A. student. Alternately, students may pass a translation examination administered by the appropriate language department at Xavier. In addition to modern languages, ASL, Old English, Latin, and Greek will be accepted in fulfillment of the requirement. Middle English will not be accepted.

## Additional Requirements:

- 18 hours of English electives are needed to complete the degree selected from ENGL 500-695 (Refer to Course Descriptions). Courses may be taken at the 300 or 400 level for graduate credit, with approval of the program director. The completion of the Master's Thesis (ENGL 700 & ENGL 701) for 6 hours can be used in this elective area of the degree requirements.
- A 3.000 cumulative average must be attained in all the graduate credit courses.
- At the close of their studies, students must pass a written comprehensive examination based on eighteen works of literature, linguistics, composition and literary theory. Fifteen of these works are chosen by the department every two years; the remaining three are chosen by the individual student. The comprehensive examination is given in April and November.

## Admission Requirements:

The Master of Arts program in English invites applications from students with a bachelor's degree and a solid academic record. Students seeking admission are expected to have a 3.200 average in their undergraduate English courses. Applicants should have excellent writing skills and a strong background in the humanities but need not be undergraduate English majors. Admission decisions are based on factors such as past academic performance, standardized test score, and other information submitted.

## Note(s):

Further information and application materials may be obtained from the Office of Graduate Services, 100 Hailstones Hall, 513 745-3360. Most courses are offered in the evening for the convenience of part-time students.

## Psychology, M.A. (General Experimental Psychology Concentration)

The degree of Master of Arts in Psychology is designed to prepare students for employment in a related field and/or to continue their graduate studies at the doctoral level. The Department of Psychology offers two terminal Master of Arts degrees in psychology with areas of concentration in General Experimental Psychology and Industrial-Organizational Psychology. Students in both programs attend on a full-time basis.

Students admitted into either area of concentration 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 demonstrated a reading knowledge of a foreign language or demonstrated a proficiency in a computer language (PSYC 520 and PSYC 521) and, have both successfully defended their thesis and demonstrated their knowledge of the general field of psychology during their oral exam. The oral exam is to be 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.

## Requirements for M.A. in General Experimental Psychology

The general experimental concentration in Xavier's master's degree program embraces a 45-credit hour requirement extending over two full-time academic years.

Three themes run through the General Experimental 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 504 - Theories of Personality
- PSYC 506 - Advanced Social Psychology
- PSYC 609 - Learning & Cognition
- PSYC 502 - History & Philosophical Issues

## 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 Statistics Language I
- PSYC 521 - Computer Stats Language II
- PSYC 621 - Adv Research Design & Analysis
- PSYC 699 - Master's Thesis (6 credit hours)

## 3. General Experimental Concentration

(18 credit hours)

- PSYC 590 - Internship: Gen Exper Psycholo
  - 12 credit hours of related elective courses to fit student's professional interests.

## Internship

The six-credit hour required internship involves a minimum of 240 hours of supervised work experience in a setting appropriate to the student's interests. It is often completed over two semesters and may be performed either in a single location or at two different sites. The internship must be approved by the Department Chair and the student receives a grade for each of the two semesters of supervised work.

## 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 in both concentrations of the master's degree program must demonstrate proficiency in a computer language, typically gained through the courses PSYC 520 and PSYC 521.

## 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 Social Sciences, Health, and Education 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. An A=4 points, a B=3 points and a C=2 points. Pluses and minuses alter the merit points by .3.

## Admission Requirements

In order to have your application reviewed by the department you need to have the following materials sent to the Department of Psychology by the February 1st annual deadline date for submission.

Go to <http://www.xavier.edu/psychology-grad/io-admission.cfm> or <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 Department 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.
4. Three letters of recommendation.
5. Resume or vita.
6. A written personal statement (2-3 pages) which gives you the opportunity to introduce yourself to the department and give reasons for pursuing a graduate degree, and plans after completion of studies.
7. GRE scores: General Knowledge (verbal, quantitative and analytical) area is required. Psychology Subject Test 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 general psychology, psychology statistics, psychology research methods class with laboratory component, and a psychology tests and measurements course. Courses in developmental psychology are helpful. Courses in biological science and 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 concentration. Personality and character traits which are in agreement with ethical standards of psychology are necessary. At times, a personal interview may be required by the Admissions Committee of the Department of Psychology. The prospective student will be notified by the Department and arrangements will be made at that time. Any other questions regarding the program should be directed to the Department of Psychology Assistant Director for Enrollment and Student Services at 513 745-1053.

## Health Care Mission Integration, M.A.

Xavier's graduate program in health care mission integration combines the study of theology with the study of health services administration. This M.A. program is designed to provide preparation for Mission Directors and others who lead their colleagues in Catholic and other Christian health services to foster and enhance the spirit of love, compassion, and service within these institutions. The program focuses on understanding the Christian tradition and embodying it amidst the challenges of institutional, technological, and cultural change.

Students will study in a challenging educational environment with experts in the fields of theology and health care service administration. An internship will provide field experience. Professional seminars(non-credit) are also required.

## Curriculum

The Master of Arts in Health Care Mission Integration requires the satisfactory completion of 36 semester hours of course work at the graduate level and an internship, and earning an overall GPA of at least 3.000.

### Theology courses:

- THEO 504 - Foundations of Scripture Study
- THEO 630 - Theology of Ministry
- THEO 540 - Modern Catholic Social Teachin

### One course in faith and culture (3 cr): e.g.:

- THEO 551
- THEO 571 - Black Theology

### One course in theological ethics (3 cr): e.g.:

- THEO 506 - Found Issues in Christian Ethi
- THEO 544 - Health Care Ethics
- THEO 548 - Bioethics
  - THEO 632



One course in spirituality (3 cr): e.g.

- THEO 527
- THEO 528

Internship Requirements:

- THEO 636

Internship of 100 clock hours with a Mission Director in a Catholic or other Christian Health Care Facility. Faculty direction will be provided for the required paper for this three credit course.

Theology credit total: 21 credit hours

Health Services Administration courses:

- HESA 682 - Hospitals:Struct/Function/Mgmt
- HESA 571 - Healthcare Services in the U.S
- HESA 511 - Managerial Concepts in H.C Org
- HESA 581 - Health Care Legal Aspects
- HESA 515 - Health Care Workforce Strategy
- HESA 583 - Ethical Issues in Health Care

HESA credit total: 15 credit hours

Total credit hours in the program: 36

## Admission

To be considered for admission as a degree-seeking graduate student in the Health Care Mission Integration program you must submit the following:

- Completed application with application fee
- One official transcript of all undergraduate and graduate work from accredited colleges or universities

- Results of either the Miller Analogies Test (MAT) or Graduate Record Exam (GRE)
- Two completed recommendation forms--preferably one from someone who can address your academic or professional skills and abilities and one who can address your personal character and suitability for work in health care.
- A statement of reasons and goals for enrolling in this program (1,000-2,000 words)
- Current resume

Your application to the Xavier University graduate program in health care mission integration is carefully reviewed by our admissions committee. We consider each student's application on a case-by-case basis with personal attention given to all your application materials.

Admission criteria include, but are not limited to:

- Preferred undergraduate grade point average of 3.0 or higher on a 4.0 scale.
- Preferred GRE scores of 20th percentile or higher in quantitative section and 50th percentile or higher in the verbal section. Or preferred score of 400 or more on the Millers Analogy Test (MAT).
- Review of the completed file of the applicant.
- A personal interview with Admission Committee Members.

All entering students must have passed an accounting course in an accredited college or university.

For more information, call the Director of the M.A. in Theology, at 513 745-3635 or email [overberg@xavier.edu](mailto:overberg@xavier.edu).

Admissions materials should be sent to the Health Services Administration Department, 3800 Victory Parkway, Cincinnati, OH 45207-7331. To contact that department, please call 513 745-3687 or email [xumhsa@xavier.edu](mailto:xumhsa@xavier.edu). The department's fax is 513 745-4301.

## **Psychology, M.A. (Industrial-Organizational Psychology Concentration)**

The Master of Arts degree is designed to prepare students for employment in a related field and/or to continue their graduate studies at the doctoral level. The Department of Psychology offers two terminal Master of Arts degrees in psychology with areas of concentration in General Experimental Psychology and Industrial-Organizational Psychology. Students in both programs attend on a full-time basis.

Students admitted into either area of concentration 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 demonstrated a reading knowledge of a foreign language or demonstrated a proficiency in a computer language (PSYC 520 and PSYC 521) and, have both successfully defended their thesis and demonstrated their knowledge of the general field of psychology during their oral exam. The oral exam is to be 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.

### **Requirements for M.A. in Industrial-Organizational Psychology**

The industrial-organizational concentration requires 43 credit hours and a full-time commitment over two academic years.

Three themes run through the I-O psychology program and are reflected in the typical two-year schedule of classes in the program.

#### **1. General Psychology (3 credit Hours)**

Three areas of psychology, integrated into a proseminar course, help assure basic knowledge within the general field of psychology. These three areas are theories of personality, advanced social psychology and learning and cognition. This course is:

- PSYC 579 - ProSem: Applied I/O Psychology

## 2. Research (15 credit hours)

Other core courses reflect the importance of a research foundation in psychology. These courses are:

- PSYC 511 - Advanced Statistics I
- PSYC 512 - Advanced Statistics II
- PSYC 520 - Computer Statistics Language I
- PSYC 521 - Computer Stats Language II
- PSYC 621 - Adv Research Design & Analysis
- PSYC 699 - Master's Thesis (6 hours)

## 3. Industrial-Organizational Psychology (25 credit hours)

A larger group of courses directly serve student interests in I-O Psychology. For first year students, 10 hours of I-O psychology courses are incorporated. For second year students, these courses include 15 credit hours. Overall, these courses consist of:

- PSYC 522 - Personnel Psychology
- PSYC 593 - Internship in I-O Psychology
- PSYC 641 - Assess Tech in Indust-Org Psyc
- PSYC 643 - Sem: Industrial - Org Psyc
- PSYC 644 - Organizational Psychology
- PSYC 645 - Train & Devel in Organizations
- PSYC 660 - Performance Appraisal

### Note(s):

- The I-O psychology curriculum reflects the areas of competence to be developed in master's level I-O psychology courses, as identified in Guidelines for Education and Training at the Master's Level in Industrial-Organizational Psychology, 1994, Society for Industrial and Organizational Psychology, Inc. (Division 14 of the American Psychological Association). The curriculum is structured in such a way that later courses build on the content disseminated in earlier courses.

## Internship

The three-credit hour internship comprises 120 clock hours of supervised work in an appropriate field setting. This work may take the form of a project arranged with an employer that allows the student full responsibility for designing and carrying out the project, or the practicum may bring the student into an ongoing activity within an organization, such as employment interviewing or testing. The student receives a final grade for the practicum.

## Thesis

The thesis carries six 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 in both concentrations of the master's degree program must demonstrate proficiency in a computer language, typically gained through the courses PSYC 520 and PSYC 521, Computer Statistical Language I and II.

## 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 Social Sciences, Health, and Education 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. An A=4 points, a B=3 points and a C=2 points. Pluses and minuses alter the merit points by .3.

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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.
4. Three letters of recommendation.
5. Resume or vita.
6. A written personal statement (2-3 pages) which gives you the opportunity to introduce yourself to the department and give reasons for pursuing a graduate degree, and plans after completion of studies.
7. GRE scores: General Knowledge (verbal, quantitative and analytical) area is required. Psychology Subject Test 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 general psychology, psychology statistics, psychology research methods class with laboratory component, and a psychology tests and measurements course. Courses in developmental psychology are helpful. Courses in biological science and 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 concentration. Personality and character traits which are in agreement with ethical

standards of psychology are necessary. At times, a personal interview may be required by the Admissions Committee of the Department of Psychology. The prospective student will be notified by the Department and arrangements will be made at that time. Any other questions regarding the program should be directed to the Department of Psychology Assistant Director for Enrollment and Student Services at 513 745-1053.

## Private Interests and Public Good, M.A.

Rooted in the Jesuit tradition of educating the <sup>the</sup>whole person, the two-year master's cohort program is designed for community-engaged leaders and professionals working in such public arenas as non-profits, corporate social responsibility, media, public policy, health care and education. The graduate program reimagines the relationship between private interests and public good. The public-private framework emerges from the interactions among various stakeholders like businesses, non-profits, community organizations, think tanks, interest groups, and individual citizens. The resources, capabilities and efficiencies of these different stakeholders converge on social and economic issues that need our urgent attention.

The Master of Arts in Private Interests and Public Good (PIPG) takes a multi-disciplinary and experiential approach to train students to critically evaluate the impact of social problems on the public, and to situate themselves and their organizations as solutions. Graduates are able to articulate their vision, design and develop innovative systems, critically engage with and begin to solve complex problems, make decisions based on careful planning and evaluation of risk, and effectively communicate. Students are required to apply their knowledge and expertise to pressing and interesting problems through a chosen experiential project that includes a field experience and thesis.

## Admission Criteria

To be considered for admission as a degree-seeking graduate student, students must first submit the following to the Office of the Graduate School:

- Completed application at [www.xavier.edu/grad](http://www.xavier.edu/grad).
- Official transcript of all undergraduate and graduate work.
- Current and updated resumé/CV.
- A 500-word minimum statement of purpose.
- Two letters of reference from individuals commenting on the applicant's academic/professional potential.
- Official test scores from the Graduate Record Exam (GRE).
- TOEFL (Test of English as a Foreign Language) or IELTS (International English Language Testing System) test scores for all sections are required of applicants whose native language is not English or whose four-year undergraduate degree program was not in English.

Application deadline is June 1, 2015. Applicants are encouraged to meet with the program director prior to completing the application process. Please contact the Office of the Graduate School to learn more and apply (513-745-3360).

## Curriculum (36 Credit Hours)

### Year One

#### Fall Semester

- Private Interests & Public Good I
- Media, Democracy, & Public Sphere
- Advanced Public Policy Practice

#### Spring Semester

- Private Interests & Public Good II
- Advanced Political Analysis
- Economics of Public Policy

## Summer Semester

- Innovation
- Computers, Algorithms, and Security

## Year Two

### Fall Semester

- Field Experience

### Spring Semester

- Thesis

## Theology, M.A.

The mission of Xavier's theology program is to provide a first-rate 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, 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 however, 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 their 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 required to take THEO 501, Intro to the Study of Theology, as a prerequisite for admission to the M.A. program.

All applicants must have a bachelor's degree from a regionally accredited institution with an undergraduate GPA of 2.700 or better. In addition, all applicants must complete the Miller Analogies Test (MAT) prior to acceptance and obtain a score of 406 or higher. The MA in Theology will require satisfactory completion of 30 semester hours of graduate work (i.e. ordinarily ten courses), all of which must be at the graduate (500-800) level.

**30 total credit hours are required, as follows:**

- THEO 504 - Foundations of Scripture Study
- THEO 520 - Journey Through Christianity I

## THEO 524 - Journ Through Christianity II

### One course in ethics, including:

- THEO 506 - Found Issues in Christian Ethic
- THEO 540 - Modern Catholic Social Teaching
  - THEO 542-545 (Refer to Course Descriptions.)
- THEO 547 - Ethics For a Planetary Crisis
- THEO 548 - Bioethics
- THEO 572 - New Testament Ethics
- THEO 615 - Contemporary Ethical Issues

### One course in systematics, including:

- THEO - Theological Imagination
- THEO 595 - Christian Eschatology
  - THEO 530-695 (Refer to Course Descriptions.)

### Five graduate-level theology electives selected from:

- THEO 500-695 (Refer to Course Descriptions.)

### Note(s):

- A 2.800 cumulative average must be attained in all the graduate credit courses.
- Some students may substitute a 6-hours thesis (THEO 699) for two of their elective courses. This must be discussed and agreed to with an advisor prior to completion of the first 12 hours of graduate work. The thesis will be read by its director and two additional readers, and it must be defended in a final oral examination. Students who do not write a thesis will be required to 1) submit a research paper demonstrating their mastery of research skills and their ability to synthesize key themes from their coursework into a coherent theological position, or 2) successfully pass a comprehensive examination covering the central subject matter of the graduate program. In both cases, a faculty committee will assess the quality of this final paper or exam.

Two optional concentrations are available, which can be added and incorporated into the program.

### Concentration in Social and Pastoral Ministry:

Students engaged in or preparing for professional ministry in church and society may choose to complete this concentration.

Beyond the 30 hours required for the M.A. degree, the concentration requires six additional credit hours in ministry skills courses and a three credit ministerial internship (THEO 690). Two required courses, Theology of Ministry (THEO 630) and Ethics in Ministry (THEO 632), take the place of two M.A. electives.

## Concentration in Religious Education:

This is designed to prepare theology students to meet the Archdiocese of Cincinnati's professional requirements for Catholic High School Religion Teacher Certification at the secondary level.

Beyond the 30 hours required for the M.A. degree, the concentration requires at least 15 additional credit hours. This includes Student Teaching for 9 hours from EDMS 470, along with THEO 538 and EDMS 550 as required courses. Also, a choice of either EDFD 503 or EDFD 510 is required. Note that THEO 538 can double count as an elective in the 30 hours required for the MA Theology degree.

## 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, 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.

## 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) Professional Practice (Ethics, Spirituality, and Professional Practice, or ESSP), (2) Solidarity and Sustainability in a Global Context (SSGC), and (3) Pastoral Care (Applied Spirituality and Pastoral Care, of ASPC). 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.

## MA in Theology ISSJ Tracks:

### Ethics, Spirituality and Professional Practice (36 credit hours)

The Professional Practice track is designed for professionals in business and non-profit communities interested in developing deeper spiritual understanding as well as practical skills for competent, ethical and theologically informed professional practices. This track is also appropriate for students interested in careers in the management and administration of churches and church-related organizations and corporations such as dioceses and social ministries.

The Professional Practice track combines theory and practice, building on the traditions of spiritual discernment (Ignatian and others), theological reflection and purposeful action. It develops adult learners as knowledgeable, thoughtful and responsible professionals who improve their work environments and society as a whole. Students learn to respond to challenging situations presented in their professional environments in ethically and spiritually responsible ways.

The program presumes a pluralistic religious environment in the workplace, emphasizing ways to understand, recognize, negotiate and celebrate interfaith relationships. It also reflects Xavier's mission to educate students to serve with excellence and ethical integrity in professional fields and to work for social and economic justice.



The goals of the program are:

- To improve understanding of the Christian spiritual, theological and ethical tradition in dialogue with contemporary challenges of religious traditions.
- To prepare professionals with a sound knowledge of ethical traditions and a commitment to bringing social-ethical perspectives to business and service environments.
- To facilitate the spiritual and theological formation necessary for professionals to integrate professional expertise with competent, ethical, and spiritually informed management practices.

## Solidarity and Sustainability in a Global Context (36 credit hours)

The Solidarity and Sustainability track revolves around the typical definition of sustainability as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

This track integrates questions of economic, social and environmental sustainability with the spiritual traditions that engage human potential. Ethical issues are regularly examined, including social justice questions related to distribution of resources, and the need for communal and environmental stewardship in a variety of ways, including the kinds of personal and social transformation that stem from a "change of heart."

Goals of the program include:

- To form an awareness of the current issues of economic and environmental sustainability.
- To develop an appreciation of the complexity and interrelatedness of the global issues that impact economic and environmental sustainability.
- To develop an appreciation of the cultural and historical underpinnings of religious traditions and to learn from other religious traditions in order to deepen one's life and contribution to the world.
- To acquire an ability to discriminate between the peaceful practices and the violent habits within religious traditions and to strengthen the recognition of the diversity of the human drives, seeking meaning within and beyond established religion.
- To engender habits of responsible collaborative action grounded in critical theological reflection and ethical discernment, and to invite others to engage in similar reflection and action.

## Applied Spirituality and Pastoral Care (39 credit hours)

The Applied Spirituality and Pastoral Care track is oriented to human growth and is thus appropriate for all seekers, but it is also specifically helpful to those preparing for professional practice in varieties of pastoral care including chaplaincy, education, campus ministry, youth ministry and varieties of social ministries.

The track explores the richness of Christian spirituality as a way of life oriented to the intellectual, affective, humane and relational qualities of human existence that make life meaningful and worthwhile. It prepares students to engage pastoral work in pluralistic contexts, since their social and pastoral ministries require cultural sensitivities, practical skills and a capacity to connect across religious traditions, with openness and respect.

Through the track, students:

- Gain knowledge about the tradition of Christian spirituality as a resource for theological imagination, personal and communal identity, and personal development.
- Gain an understanding of spiritual practices that promote personal growth, health and well-being, and share those spiritual practices with others in ways that are sensitive to and respect our pluralistic cultural context.
- Gain the skills necessary to engage pastoral practice with clarity about how spiritual growth and spiritual practice enhances their effectiveness and their longevity as pastoral caregivers.

## Urban Sustainability, M.A.

Urban sustainability involves a reexamination of urban and regional development and an understanding of the role of cities in global environmental change. The challenge is to make cities centers of engaged citizenship and humane living rather than the source of continued environmental and resource degradation.

The challenges of urban sustainability demand of its professionals a broad, multi-faceted, interdisciplinary education, including work in the humanities that speak to the ultimate purposes of urban life. Xavier University's M.A. in urban sustainability provides the breadth of complementary approaches and interdisciplinary perspectives essential to understanding and tackling the complicated interrelationships and challenges of urban sustainability. In bringing together students and faculty from the fields of business, environmental science, public policy, and urban planning and design, the M.A. in urban sustainability produces graduates with the necessary analytical and decision-making skills for careers in the public and private sectors. The interdisciplinary mix of students and faculty provides a rich learning environment that will illuminate the critical connections at the intersection of the sciences, business, public policy, and the built environment.

## Course Sequence (40 Hours)

### Year One: Fall Semester

- HIST 536 - Urban Ecologies and Economies
- SOCI 554 - Introduction to Urban Systems
- POLI 554 - The Politics of Urban Sustainability

### Year One: Spring Semester

- SOCI 555 - Urban Development and Space
- UNST 554 - Urban Geography and GIS
- SOCI 552 - Quantitative Analysis
- Field Placement Planning

### Summer Semester

- Fieldwork and Fieldwork seminar I

### Year Two: Fall Semester

- MGMT 621 - Corporate Sustainability
- ECON 520 - Urban and Regional Economics
- COMM 554 - Strategic Organizational Communication

### Year Two: Spring Semester

- PHIL 554 - Eco-Systems Thinking

- PHIL 506 - Social Justice in the City
- HIST 554 - The City as Vocation (4 Tracks)
  - Urban Planning & Community Organizing
  - Politics and Urban Administration
  - Sustainability Initiatives in the Corporate and Non-Profit Sectors
  - Scientific-Technical Research in Sustainability

## Master of Business Administration

### Emerging Leaders MBA

The Emerging Leaders MBA (ELMBA) is designed to be a 1-year, full-time, Master of Business Administration program for recent 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 3-credit courses and ideally nine hours of experiential focused electives. 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 will be 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 STAT 500: Business Statistics must be taken before the start of the program. Consult with a MBA advisor before registering for equivalents.

The ELMBA requires a mandatory professional development program that will run throughout the entire course of the program. Professional development programming will take place on Fridays. Participation in a global immersion experience, an internship, the Executive Mentor program, and other experiential opportunities is highly encouraged.

### Fall Semester

- BLAW 550 - Business Law and Ethics
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

### Spring Semester

- MGMT 551 - Operational Analysis
- INFO 550 - Business Information Systems
  - ACCT 550: Managerial Accounting
  - International Business: BUAD
  - Experience based Electives (**choose one**):

International Immersion trip over Spring Break **OR**

ENTR 668: Small Business Consulting **OR**

MGMT 654: Project Management

## Summer Semester

- Capstone
- Experience based Electives (**choose one**):

MBA Internship

ENTR 668: Small Business Consulting

Independent Study or Research

## 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 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.

The MBA program is also offered in a 20 month evening cohort format in West Chester, Ohio.

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.

MBA program applicants may take the Graduate Management Admission Test (GMAT) prior to admission. Test information may be obtained on-line at [www.mba.com](http://www.mba.com). The Graduate Record Exam (GRE) is also accepted for MBA admission consideration. Persons holding a doctoral level degree are waived from taking the GMAT or GRE. Information regarding the MBA program may be obtained from the MBA Office Coordinator at 513 745-4800 or email [mbaadmit@xavier.edu](mailto:mbaadmit@xavier.edu).

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 of the Ethics Policy.

Xavier MBA participates in a unique partnership with other AACSB accredited Jesuit universities' MBA programs, which are located in major American metropolitan areas. 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.

Participating institutions include the following:

Boston College, Boston MA  
Canisius College, Buffalo NY  
Creighton University, Omaha NE  
Fairfield University, Fairfield CT  
Fordham University, New York NY  
Gonzaga University, Spokane WA  
John Carroll University, Cleveland OH  
LeMoyne College, Syracuse NY  
Loyola College in Maryland, Baltimore MD  
Loyola Marymount Univ., Los Angeles CA

Loyola University Chicago, Chicago IL  
Loyola Univ. New Orleans, New Orleans LA  
Marquette University, Milwaukee WI  
Rockhurst University, Kansas City MO  
Santa Clara University, Santa Clara CA  
Seattle University, Seattle WA  
St. Joseph University, Philadelphia PA  
St. Louis University, St. Louis MO  
University of Dayton, Dayton OH \*  
University of Detroit Mercy, Detroit MI  
University of Portland, Portland OR \*  
University of San Diego, San Diego CA \*  
Univ. of San Francisco, San Francisco CA  
University of Scranton, Scranton PA

\* Non Jesuit School

## 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

(5 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- STAT 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 Xavier-based waiver exam is available for STAT 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 (Pre-req: ACCT 500)
- BLAW 550 - Business Ethics & Law
- BUAD 550 - International Business or any other International Business Elective
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance (Pre-req: ACCT 500, STAT 500)

- INFO 550 - Business Information Systems
- MGMT 550 - Strategy and Organizations
- MGMT 551 - Operational Management (Pre-req: STAT 500)
- 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

## Elective Areas of Concentration and minimum 9 credit hours required

- Business Administration (9)
- Business Intelligence (9)
- Finance (12)
- Innovation, Change & Entrepreneurship (9)
- International Business (9)
- Marketing (9)
- Pricing Strategy (9)
- Values-Based Leadership (9)

Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

Students may tailor electives in the area(s) 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 must be made to the MBA office. Opportunities for international study trips, independent study tutorials, and experimental courses are often available for students and do count toward the Business Administration (MBAN) concentration. Such opportunities must be discussed with an MBA advisor.

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program earning a certificate in any of the above areas of concentration or take graduate level business courses in line with personal interests. The MBA Plus program is a non-degree program.

## Executive MBA Program

The Executive MBA Program develops a student's executive presence so that upon graduation the student will be:

A strategic decision maker

Board member ready

A team player

Globally Focused & Ready

An Influential Communicator

A Developed Leader

Entrepreneurial & Innovative

The Xavier EMBA program will be ready to lead in a variety of business models & with an enterprise wide lens. As a result of their experience, students will identify the difference between creating & adding value, all the while successfully navigating a professional network.

This holistic development is created by immersion, foundation, advanced business focus, and a capstone

Immersion will require a week long residency in which case study methodology, strategic planning, team building, and personal assessment & leadership are achieved.

Foundation will master executive competencies and focus on value creation and/or value capturing and on leadership within functional area, all the while honing executive competencies that span & engage culturally, ethically, entrepreneurally, innovatively, and organizationally in addition to in-depth exploration of accounting, economics, financial management, talent management, information systems, CSR, and marketing. These foundations can be applied in any sector and are not inclusive just to business. These include: manufacturing, business to business, business to consumer, service, public sector, non-profit, start-up, mid-size, and large corporations.

Advanced business focus will be multi-dimensional, cross-functional, and experiential. It will develop advanced leadership understanding as skills & knowledge are tested via case study and experiential learning. Consulting projects will vary in scope and size.

The Capstone experience is to design and execute a strategic business plan that creates and captures value. In it, all previous studies will be channeled into Local/National/International consultancy projects, Board membership projects, or other integrative projects.

The Executive MBA experience will be fast-paced and have a condensed-learning format, mandatory team projects and collaborative learning. Class size will be limited for maximum exposure & information absorption. There will be special events to promote deeper learning experiences. There will be networking opportunities. A global immersion, 12-14 days, experience is required for the program.

The EMBA is run separately from Xavier's traditional MBA Program and once a year in September and runs for 16 months. Classes are concentrated into a two day a week format (Friday and Saturday) twice a month. Class time is between 8:00 am till 5:00 pm mandatory international trip occurs in the program. Admission is based on significant managerial and corporate leadership and business experience in addition to undergraduate academic records, GMAT scores, essays, letters of recommendation, a personal interview and evidence of strong organizational support.

Information regarding the Executive MBA Program may be obtained from the MBA Admissions Coordinator, at 513-745-4800 or mbaabmit@xavier.edu

## Online MBA

The On-Line MBA is designed to meet the needs of working professionals who cannot easily attend on-campus classes. Ideally, the program begins once a year in the fall semester. Classes are offered in an 8 week 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 13 courses. The program format makes it possible for students to finish their on-line MBA in two years.

**All Foundation Skill courses (ACCT 500 and STAT 500) must be completed to be eligible for admission.**

On-line MBA students are required to work with a MBA advisor before beginning classes.

## Weekend MBA Program

The Weekend MBA is designed to meet the needs of working professionals who cannot easily attend classes on weekday evenings. The program begins once a year in the fall semester. Morning and afternoon classes are offered on Saturday. Students follow an established curriculum of 13 courses that are offered for six sequential semesters (including summers). The program format makes it possible for students to finish their MBA in two years.

Students participate in a cohort-like program yet only meet for class once a week. **All Foundation Skill courses (ACCT 500 and STAT 500) must be completed to be eligible for admission.**

The following is a typical schedule for the Weekend MBA program, with 39 total credit hours required.

## Fall Semester Year 1

- ACCT 550 - Managerial Accounting
- MGMT 550 - Strategy and Organizations

## Spring Semester Year 1

- ECON 550 - Managerial Economics
- MGMT 551 - Operational Analysis

## Summer Session Year 1

- BLAW 550 - Business Ethics and Law
- Elective (5 week block) (3)
- INFO 600 (On-line)

## Fall Semester Year 2

- FINC 550 - Fundamentals of Finance
- Elective

## Spring Semester Year 2

- MKTG 550 - Marketing Strategy
- BUAD 550 - International Business or International study trip option

## Summer Session Year 2

- Capstone Course (3)
- Elective (5 week block) (3)

## Master of Education



## Coaching Education and Athlete Development, M.Ed.

The Master in Coaching Education and Athlete Development is a 33 hour cohort program. The students will complete 33 hours of coursework online and which will include two one-week summer residencies.

Contact the Department of Sport Studies for additional information 513 745-4291 or [www.xavier.edu/coaching](http://www.xavier.edu/coaching)

### Course Sequence

#### Year One

- SPMG 570 - Psycho-Social Aspects of Sport
- SPMG 610 - Sport Ethics
  - SPMG 620 - Sport Leadership and Team Building
- SPMG 625 - High School Athletic Admin
  - SPMG 640 - Sports Safety, Risk Management and Injury Prevention
  - SPMG 680 - Residency I: Special Topics (Summer, 4 weeks; 1 week in residence)

#### Year Two

- SPMG 630 - Sport Pedagogy and Coaching Analysis
- SPMG 650 - Long-term Athlete Development I: Youth and Novice Athletes
- SPMG 660 - Long-term Athlete Development II: Elite and Senior Athletes
- SPMG 670 - Research In Coaching
- SPMG 681 - Residency II

## 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.

Go to <http://www.xavier.edu/administration-grad/Licensure.cfm> to reference licensure requirements and details.

- EDAD 543 - Supervision of Instruction
- EDAD 548 - Principalship
- EDAD 562 - Political Structure & PR
- EDAD 563 - School Bus Affairs & Phys Faci
- EDAD 564 - Admin of Staff Personnel
- EDAD 565 - School Law I
- EDAD 566 - School Finance & Economics
- EDAD 570 - Policy Planning & Evaluation
- EDAD 660 - Curr Design & Teach Strategies
- EDAD 561 - Admin of Pupil Personnel Serv

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 - Internship:Spec-Research 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 - Internship:Spec-Research 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 15 semester credit hours of additional required coursework.
- Pass licensure exam 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

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
  - EDEL 260/EDEL 560 - Cultural Diversity in Education

## 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 for Early Chil
- EDRE 569 - Phonics & Found of Literacy
- EDEC 558 - Play & Arts in Early Childhood

Total (9)

### Second Summer Session

- EDCH 524 - Children's Lit for Early Child
- EDEC 555 - Early Childhood Care/Practices

Includes field observation

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 - Diagnosis/Correct of Read Disa

Total (16)

## Spring Semester

- EDEC 454 - EC Cohort Student Teaching
- EDEC 455 - Cohort: Current Issues
- 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 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
  - EDEL 260/560 - Cultural Diversity in Education (3)
- 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 - Diagnosis/Correct of Read Disa

### 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 credit hours in one of the following areas:

Administration, Art, Biology, Business Education, Chemistry, Classics, Elementary Education, English, French, German, History, Political Science, Mathematics, Montessori Education, Multi-cultural Literature for Children, Music, Philosophy, Psychology, Reading, Secondary Education, Spanish, Special Education, Theology.

Students should consult with the 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 department chair. 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 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 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper \*
- EDME 551 - Montessori Ed: Phil Approach
- EDME 563 - Early Cognitive Development
- EDME 550 - Methods of Observation of Chil
- EDSP 505 - Foundations in ECSPED
- EDFD 500 - History/Philosophy of Am Educ

The other twelve (12) hours can be taken from the following courses:

- EDME 553 - Mont Math & Geometry Methods
- EDME 554 - Mont Language Arts & Read Meth
- EDME 555 - Mont Cultural Subject Method
- EDME 559 - Community & Advocacy in Educ
- EDME 564 - Early Childhood/Montessori Met
- EDME 576 - Phonics Skills for Early Child
- EDME 577 - Early Childhood Math & Science
- EDME 570 - Mont 9-12 Math Curr
- EDME 571 - Mont 9-12 Geometry Curr
- EDME 572 - Mont 9-12 Geography& Hist Curr
- EDME 573 - Mont 9-12 Botany & Zoology Cur
- EDME 574 - Mont 9-12 Physical Science Cur
- EDME 575 - Mont 9-12 Lang & Children's Li

### 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 550 - Methods of Observation of Chil
- EDME 551 - Montessori Ed: Phil Approach
- 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 - Early Cognitive 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 PreK-3 and American Montessori Society Elementary I Credential – Ages 6-9 and Elementary II Credential - Ages 9-12) M.Ed.**

### Master of Education Degree in Montessori Education

The Xavier University Montessori teacher education programs grant an American Montessori Credential and an Ohio Pre-Kindergarten or Kindergarten to Grade 3 Resident Educator 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, 559, 550 and is an integral part of all of the courses. An Ohio four year resident educator licensure for Pre-K-3, and American Montessori Society Early Childhood and Elementary credentials are available within the master's degree. 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.

## Requirements for the M.Ed. in Montessori Education (with Ohio Early Childhood License Pre-K and K-3 and with American Montessori Elementary I Credential – ages 6-9 )

54 total credit hours 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 550 - Methods of Observation of Chil \*\*
- EDME 551 - Montessori Ed: Phil Approach \*
- EDME 552 - Mont Curr Des & Te Strat: Pri \*\*
- EDME 553 - Mont Math & Geometry Methods \*
- EDME 554 - Mont Language Arts & Read Meth \*
- EDME 555 - Mont Cultural Subject Method \*
- EDME 556 - Mont Integration of Curr: Prim \*\*
- EDME 559 - Community & Advocacy in Educ
- EDME 563 - Early Cognitive Development
- EDME 576 - Phonics Skills for Early Child \*
- EDME 670 - Mont Primary Practicum I \*\*
- EDME 671 - Mont Primary Practicum II \*\*
- EDSP 505 - Foundations in ECSPED

### Reading Courses:

- EDRE 512 - Reading Methods for Early Chil
- EDRE 678 - Diagnosis/Correct of Read Disa

### Adding Elementary II to an Elementary I Credential:

Students may add A.M.S. Elementary II by completing the coursework listed below. Students may add an Ohio Generalist endorsement for grades 4-5 by completing the Elementary II coursework, additional licensing exam, and online Middle Childhood development course.

- EDME 570 - Mont 9-12 Math Curr
- EDME 571 - Mont 9-12 Geometry Curr
- EDME 572 - Mont 9-12 Geography& Hist Curr
- EDME 573 - Mont 9-12 Botany & Zoology Cur
- EDME 574 - Mont 9-12 Physical Science Cur
- EDME 575 - Mont 9-12 Lang & Children's Li

### Elementary II Coursework

- EDME 570 - Mont 9-12 Math Curr
- EDME 571 - Mont 9-12 Geometry Curr
- EDME 572 - Mont 9-12 Geography& Hist Curr
- EDME 573 - Mont 9-12 Botany & Zoology Cur
- EDME 574 - Mont 9-12 Physical Science Cur
- EDME 575 - Mont 9-12 Lang & Children's Li
  - No Additional Internship is Required

### Generalist Endorsement Requirements:

- Current P-3 Ohio License
- One credit hour online course: Middle Childhood Transitions, Development, and Management
- Passing score on the Ohio Assessments for Educators Elementary Education/018 (Subtest I) and Ohio Assessments for Educators Elementary Education/019 (Subtest II)

### Additional Requirements:

- Student must complete BCI/FBI background checks in the first semester and each subsequent academic year.
- Application for student teaching must be turned in by the semester prior to internship.
- Application and fees for American Montessori Society Credentialing, MACTE and NAEYC must be turned in prior to the start of internship.
- State licensing exams must be taken the first semester of internship year.

### Note(s):

- Students seeking Ohio Resident Educator's Licensure for P-3 must meet general education background requirements.

\* Must be completed before beginning your practicum.

\*\* Courses taken during practicum.

\*\*\* The educational research paper (EDFD 507/508) 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 department library.

## **Montessori Education (for Ohio four year resident educator License PreK-3 and With American Montessori Society Early Childhood Credential - Ages 2.5 To 6), M.Ed.**

### Master of Education Degree in Montessori Education

The Xavier University Montessori teacher education programs grant an American Montessori Credential and Ohio Pre-Kindergarten or 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, 559, 550 and is an integral part of all the courses. An Ohio four year resident educator licensure for Pre-K-3, and American Montessori Society Early Childhood and Elementary credentials are available within the master's degree. 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.

## Requirements for the M.Ed. in Montessori Education (with Ohio four year resident educator License PreK-3 and with American Montessori Society Early Childhood Credential - ages 2.5 to 6)

54 total credit hours required, as follows

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDSP 505 - Foundations in ECSPED
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper \*\*\*
- EDME 550 - Methods of Observation of Chil \*\*
- EDME 551 - Montessori Ed: Phil Approach \*
- EDME 554 - Mont Language Arts & Read Meth
- EDME 566 - Mont Curr Des&Te Strat I: Ea C \*\*
- EDME 567 - Mont Curr Des&Te Strat II:Ea C \*\*
- EDME 559 - Community & Advocacy in Educ
- EDME 563 - Early Cognitive Development
- EDME 564 - Early Childhood/Montessori Met \*
- EDME 576 - Phonics Skills for Early Child \*
- EDME 577 - Early Childhood Math & Science \*
- EDME 673 - Mont Early Childhood Pract I \*\*
- EDME 674 - Mont Early Childhood Pract II \*\*

### Reading Courses:

- EDRE 512 - Reading Methods for Early Chil
- EDRE 678 - Diagnosis/Correct of Read Disa

### Additional Requirements:

- Student must complete BCI/FBI background checks in first semester and each subsequent academic year.
- Application for student teaching must be turned in by the semester prior to internship.
- Application and fees for American Montessori Society Credentialing, MACTE and NAEYC must be turned in prior to the start of internship.



State licensing exams must be taken the first semester of internship year.

## Note(s):

- Students wishing Ohio four year resident educator license for PreK-3 must meet general education background requirements.

\* Must be completed before beginning your practicum.

\*\* Courses taken during practicum.

\*\*\* The educational research paper (EDFD 507/508) 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.

## Multi-Cultural Literature For Children and Young Adults, 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 503 - Advanced Educational Psych or
- EDFD 510 - Adv Human Develop & Learning
  
- 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 Lit for Early Child
- EDCH 525 - Analysis Child Lit Global Soc
- EDCH 526 - Children's Lit for Middle Chil
  - EDCH 528 \*\* (3)

## 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 Education, 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 as well as 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 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, and listening to classroom teaching and curriculum development.
2. The ability to work directly or indirectly with pupils who have either failed to benefit from regular classroom instruction in reading or those pupils who could benefit from advanced training in reading skills.
3. The ability to work with teachers, administrators, and other professionals to improve and coordinate the total reading program of the school.

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 for Early Chld or
- EDRE 512 - Reading Methods for Early Chil

or

- EDRE 314 - Reading Methods for Middle Chd or
- EDRE 514 - Reading Methods for Middle Chi

and

- EDRE 471 - Content Area Literacy or
- EDRE 671 - Content Area Literacy

### Note(s):

- And 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 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 - Diagnosis/Correct of Read Disa
- 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 510 - Writing & Publishing for Child
- EDCH 515 - Adolescent Literature
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDCH 524 - Children's Lit for Early Child
- EDCH 525 - Analysis Child Lit Global Soc
- EDCH 526 - Children's Lit for Middle Chil
- EDRE 676 - Teaching Writing Process
  - EDME 562 - Phonics and Orton Gillingham

0 to 6 more hours selected, if needed, from

- EDRE 675 - Current Research in Reading
- EDRE 685 - Teach Read Children w/Spc Need
  - (Please check current advising sheet for additional courses.)

### Note(s):

- Students completing their studies for the M.Ed. in Reading must pass a comprehensive examination and must be able to write knowledgeably on the following areas of reading: literacy development, holistic learning, reading theory, reading in the content area, and diagnosis and remediation of reading. The M.Ed. candidate may sit for the exam after 27 hours for the degree have been successfully completed.

## Reading Endorsement Requirements

Those completing the M.Ed. in Reading Education and hold a valid teaching license for Ohio may also want to add the reading endorsement to their teaching license. The endorsement has a 21 hr. 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 - Diagnosis/Correct of Read Disa or
- EDRE 678 - Diagnosis/Correct of Read Disa
- 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 Lit for Early Child or
- EDCH 326 - Children's Lit for Middle Chil
- EDCH 510 - Writing & Publishing for Child
  - EDCH 415 or
- EDCH 515 - Adolescent Literature
- EDCH 320 - Multi-Cultural Lit for Childrn or
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDCH 525 - Analysis Child Lit Global Soc
- EDME 562 - Phonics and Orton-Gillingham
  - or any other Advanced Children's Literature course offered to complete the requirement.
  - Only six (6) undergraduate hours can be applied toward the reading endorsement.

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

consist of 12 hours taken from graduate level professional education or subject content courses (e.g. art, biology, business, chemistry, classics, computer science, English, French, German, 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.

## 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 503 - Advanced Educational Psych
- EDSP 500 - Sp Ed: Identification & Issue
- EDRE 671 - Content Area Literacy

- EDMS 550 - Technology & Topics for Teache
  - o Methods / Curriculum for content area (3-6)
- EDSP 580 - Classroom Management
- EDMS 100 - Field Experience \*
- EDMS 411 - Clinical Experiences \*
- EDMS 470 - Student Teaching AYA \*

## 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 Degree with a concentration 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.

### Requirement for the M.Ed. with a concentration in Special Education

The Master Degree in Education that has a concentration 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. These courses will be planned from special education licensure areas, special education independent study and research areas, and/or limited courses that are required for licensure in the area of special education (for example: required reading courses for licensure). These courses could meet the requirements for the State of Ohio standards for licensure as an Intervention Specialist.

### M.Ed. Special Education 12 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

### M.Ed. 18 hour concentration in Special Education

Students with an advisor from the Special Education Programs will plan an 18 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, Early Childhood, 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 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.

## Sport Administration, M.Ed.

The degree of Master of Education with a concentration in Sport Administration is designed to prepare an individual for a career within the expanding sport industry. The program was designed utilizing the guidelines recommended by the North American Society for Sport Management (NASSM).

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. Classes are held in the evenings. Students may be admitted to the program in any semester.



## Requirements for the M.Ed. in Sport Administration:

This M.Ed. 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 622 - Personnel Issues in Sport Mgmt
- SPMG 625 - High School Athletic Admin
- SPMG 632 - Sport Event Mgmt & Promotion
- SPMG 642 - Sport Fund-Raising
- 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

## **Teaching English to Speakers of Other Languages, M.Ed.**

## **Master of Health Services Administration**

## **Health Services Administration, M.H.S.A.**

## Master of Health Services Administration Degree

The Graduate Program in Health Services Administration is committed to meeting the need for effective leadership of the rapidly changing health care system. Academic work and field experiences 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 Graduate 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. The 1,500+ members of the Graduate Program's Alumni Association are located throughout the United States and in several foreign countries and provide a broad range of services to graduates throughout their careers.

### 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 <http://www.xavier.edu/master-of-health-services-administration/#process> to reference the specific admission requirements.

### Prerequisites

Prior to matriculation into the Program, incoming students are required to have completed a basic undergraduate or graduate accounting course and a statistic course with a passing grade, no lower than "C." Students are strongly encouraged to have a basic understanding of microeconomics and to be competent with Microsoft Word and Excel.

### Program Options

The curriculum provides a student with a strong foundation of management, financial and quantitative skills, and enhances the ability to succeed in health care management through course work in areas such as epidemiology, clinical management, ethics, health policy analysis, physician relations, managed care and integrated health delivery systems, population-based planning and provider payment strategies.

The graduate program offers you two options of study:

#### Full-time:

The full-time option consists of four semesters of classroom study on campus followed by a paid 8-12 month administrative residency experience in a health services facility under the guidance of a preceptor.

#### Part-Time:

The part-time option is designed to accommodate the needs of working professionals. This program consists of nine consecutive semesters of part-time study on campus and an administrative practicum experience conducted concurrently. The practicum is generally a guided field experience conducted within your

place of work. Part-time students typically take classes in the evening and must be currently employed in a health care setting in order to be accepted into the program.

## Curriculum

A total of 64 credit hours must be completed to fulfill the requirements of the MESA degree: 54 credit hours of didactic coursework and 10 credit hours of administrative residency/ practicum and master's project.

## Graduate Program in Health Services Administration

### MESA Degree Option Full-Time Program

#### Sample Schedule

##### Year 1

###### Fall Year 1 (14 credit hours)

- HESA 511 - Managerial Concepts in H.C Org
- HESA 521 - Quant Methods for H.C. Mgmt
- HESA 551 - Financial Mgmt of HC Orgs
- HESA 561 - Clinical Proc for H.C. Adm
- HESA 571 - Healthcare Services in the U.S
- HESA 601 - Professional Development I

###### Spring Year 1 (16 credit hours)

- HESA 519 - Strategic Mgmt & Marketing
- HESA 523 - Qual Improve Tech in H.C. Mgmt
- HESA 555 - Capital Acquisition in HC Orgs
- HESA 567 - Applied Epi in H. C.
- HESA 575 - Health Economics
- 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

##### Year 2

###### Fall Year 2 (12 credit hours)

- HESA 529 - Info Systems for Health Servs
- HESA 559 - Project Devt & Mgmt of HC Org

HESA 579 - Health Policy & Policy Analysis

- HESA 581 - Health Care Legal Aspects
- HESA 603 - Professional Development III

Spring Year 2 (12 credit hours)

- HESA 515 - Health Care Workforce Strategy
- HESA 539 - Informatics for Hlth Industr
- HESA 583 - Ethical Issues in Health Care
- HESA 599 - Integ Sem in Hlth Svcs Admin.
  - HESA 604 - Professional Development IV
  - HESA 6xx - Elective \*

Summer Year 2 (2 credit hours)

- HESA 720 - Institutn & Community Analysis

Year 3

Fall Year 3 (5 credit hours)

- HESA 730 - Practicum in Executive Devel I
- HESA 750 - Master's Project I

Spring Year 3 (3 credit hours)

- HESA 751 - Residency & Master Project II

Note(s):

\* Elective coursework is generally taken within the MHSA Graduate Program. With the chair's permission, graduate-level electives may be taken in other departments within Xavier University or through the Greater Cincinnati Consortium of Colleges and Universities.

## MHSA Degree Option Part-Time Program

### Sample Schedule

Year 1

Fall Year 1 (6 credit hours)

- HESA 511 - Managerial Concepts in H.C Org
- HESA 521 - Quant Methods for H.C. Mgmt

Spring Year 1 (8 credit hours)

- HESA 519 - Strategic Mgmt & Marketing
- HESA 523 - Qual Improve Tech in H.C. Mgmt
- HESA 571 - Healthcare Services in the U.S (Online)

Summer Year 1 (5 credit hours)

- HESA 529 - Info Systems for Health Servs
- HESA 575 - Health Economics

Year 2

Fall Year 2 (6 credit hours)

- HESA 551 - Financial Mgmt of HC Orgs
- HESA 561 - Clinical Proc for H.C. Adm

Spring Year 2 (7 credit hours)

- HESA 539 - Informatics for Hlth Industr
- HESA 555 - Capital Acquisition in HC Orgs
  - HESA 6xx - Elective \*

Summer Year 2 (5 credit hours)

- HESA 583 - Ethical Issues in Health Care
- HESA 720 - Institutn & Community Analysis

Year 3

Fall Year 3 (8 credit hours)

- HESA 559 - Project Devt & Mgmt of HC Org
- HESA 581 - Health Care Legal Aspects
- HESA 730 - Practicum in Executive Devel I

Summer Year 3 (7 credit hours)

- HESA 515 - Health Care Workforce Strategy
- HESA 599 - Integ Sem in Hlth Svcs Admin.
- HESA 751 - Residency & Master Project II

Spring Year 3 (9 credit hours)

- HESA 567 - Applied Epi in H. C.
- HESA 579 - Health Policy & Policy Analysi
- HESA 750 - Master's Project I

## Note(s) \*

Elective coursework is generally taken within the MHSA Graduate Program. With the chair's permission, graduate-level electives may be taken in other departments within Xavier University or through the Greater Cincinnati Consortium of Colleges and Universities.

HESA 601, HESA 602, HESA 603, and HESA 604 are waived for part-time students.

## 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.

## Administrative Practicum

An administrative practicum is a required part of the master's degree in health services administration (MHSA) from Xavier University for part-time students. The practicum is intended to allow students to apply the knowledge gained from the classroom and to demonstrate competence in the field of healthcare management. It is expected that by the end of the practicum that the students will have demonstrated competence, at the level of a graduate of master's graduate in health administration program.

## 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 or Guidelines for the Administrative Practicum and reflect an aspect of health systems management of interest to both the student and preceptor, with a final approval from the faculty advisor.

## Academic Standing

MHSA students are held to high academic and personal standards. Health services administration is a profession that requires dedication, leadership, punctuality, follow-through, cooperation, and accountability. A cumulative grade point average of 3.0 is required for residency and graduation. No credit is granted for courses in which a student receives a grade of "F". If the course in question is a required MHSA course, it must be repeated.

## Academic Warning

Students who have a cumulative graduate grade point average less than 3.0 at the end of any semester will be placed on academic warning. Students on academic warning must present a corrective action plan to the Chair of the Department. Academic warning is noted in a student's permanent record.

## Dismissal from the Program:

1. MHSA students receiving two failing grades ("F") at any time in the academic work will be dismissed from the program.
2. MHSA students receiving two course grades of "B-" or below at any time in the academic work may be dismissed from the program based on faculty decision.

There is no formal appeal mechanism within the Graduate Program in Health Services Administration for academic dismissal.

## 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 93 graduate credit hours: 54 credit hours of Health Services Administration coursework, 33 credit hours of MBA coursework, plus necessary prerequisites, and 10 credit hours of administrative residency/practicum. Candidates must apply and be accepted to both programs. Upon completion, the student receives two separate degrees.

## Master of Occupational Therapy

### Pre-occupational Therapy (PMOT) To Master of Occupational Therapy (MOT Degree)

This program option is designed to obtain the MOT degree in combination with a previously earned bachelor's degree in a related area. In process of earning the MOT degree, students will obtain a required concentration in Human Occupation Studies (HOCS) in preparation for graduate coursework in occupational therapy. Prior to admission into the MOT degree program, prerequisite courses must be completed or in process. Transfer students who have a bachelor's degree in a related field generally have 6 semesters of academic coursework and one summer course plus a post-academic fieldwork internship to complete to meet Xavier University's requirements for the MOT degree. Xavier accepts equivalent transfer credit work from other regionally accredited institutions of higher education for prerequisite coursework.

### Requirements for the Pre-MOT to MOT

Complete undergraduate prerequisite courses and earn no more than two "C" or lower letter grades in each course, as follows:

- ENGL 115 - Rhetoric
- 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
- PHYS 140 - Technical Physics
- PHYS 142 - Technical Physics Lab
  - HOCS 386 Advanced Kinesiology
  - HOCS 387 Advanced Kinesiology Lab
- MATH 156 - General Statistics
- MATH 158 - General Statistics II
- BIOL 204 - Functional Neuroscience
- PSYC 231 - Developmental Psychology
- PHIL 329 - Bioethics

## Concentration in Human Occupation Studies (HOCS):

Complete 23 hours from

- HOCS 301 - Human Occupation Across Lifesp
- HOCS 303 - Technlgy for Life Participatn
- HOCS 321 - Analysis of Occupational Perfo
- HOCS 323 - Occupatnl Justice I:Foundations
- HOCS 401 - Transformative Nature of Occup
- HOCS 403 - Creative & Systematic Inquiry
- HOCS 405 - Occupatnl Justice II: Indp Stu
- HOCS 411 - Condns Influencing Participn

## Note(s):

- Earn no more than two "C" or lower letter grades in each course.

## Pre-Occupational Therapy (PMOT) to Master of Occupational Therapy (MOT)

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

### First Year

### First Semester

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health
- MATH 156 - General Statistics
- ENGL 115 - Rhetoric
- PSYC 231 - Developmental Psychology
- HOCS 301 - Human Occupation Across Lifesp
- HOCS 303 - Technlgy for Life Participatn

Total (18)

### Second Semester



- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- MATH 158 - General Statistics II
- HOCS 323 - Occupatl Justice I:Foundations
- HOCS 401 - Transformative Nature of Occup
- HOCS 411 - Condns Influencing Participn

Total (16)

## Summer Term

- PHIL 329 - Bioethics

## Second Year

### First Semester

- PHYS 140 - Technical Physics
- PHYS 142 - Technical Physics Lab
- BIOL 204 - Functional Neuroscience
  - HOCS 386 - Advanced Kinesiology
  - HOCS 387 - Advanced Kinesiology Lab
- HOCS 321 - Analysis of Occupational Perfo
- HOCS 403 - Creative & Systematic Inquiry
- HOCS 405 - Occupatnl Justice II: Indp Stu

**Prerequisite courses completed.**

Total (18)

### Second Semester

### **Graduate MOT coursework begins**

- MOCT 501 - Creative & Sys Inquiry II
- MOCT 502 - Creative & Systematic Inquiry
- MOCT 503 - Tech for Life Participation II
- MOCT 505 - Techniques & Tools for OCTH Pr
- MOCT 507 - Professional Issues I
- MOCT 609 - Theoretical Found&Clin Reason

Total (14)

## Third Year

### First Semester

- MOCT 601 - Graduate Research Project I
- MOCT 603 - Domns&Proc I:Birth-Early Adult
- MOCT 605 - Adapt&Tech for Occ Partic I
- MOCT 607 - Level I Fieldwork:Domns&Proc
- MOCT 611 - Professional Issues II

Total (14)

### Second Semester

- MOCT 631 - Graduate Research Project II
- MOCT 633 - Dom & Proc II: Ear Ad Through
- MOCT 635 - Adapt & Tech for Occ Part II
- MOCT 637 - Level I Fieldwork: Dom & Proc
- MOCT 641 - Professional Issues III
  - MOCT 779 - Applied Interprofessional Collaboration

Total (14)

## Third Year Fieldwork

- MOCT 691 - Level II Fieldwork
- MOCT 692 - Level II Fieldwork

Total (6)

Prerequisite Courses: (32 hours)

HOCS Courses: (23 hours)

MOCT Courses: (48 hours)

MOT Degree TOTAL: (103 hours)

## **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. Graduates of the program will demonstrate competency in the primary functional areas of accountancy: financial accounting, managerial accounting, audit, taxation, and commercial law. Students will complete intensive and challenging coursework to prepare them for careers in assurance, tax,

financial accounting, managerial tax accounting, and advisory services. They will have a solid understanding of the impact of complex accounting issues on the organizations they serve as well as the impact to both internal and external stakeholders.

## Curriculum

Students must have completed the following: ACCT 300 Intermediate Financial Acct I and ACCT 301 Intermediate Financial Acct II or their equivalent, prior to admission to the program. In addition, students admitted to the program must have completed a course in the areas listed below prior to graduation from the MACC program.

- ACCT 311 Introduction to Taxation (cross-listed as MACC 511)
- ACCT 321 Cost Accounting or ACCT 550 Managerial Accounting
- ACCT 421 Auditing (cross-listed as MACC 542)
- ACCT 495 Analysis of Accounting Systems (cross-listed as MACC 595)

Students may take up to three of the four courses listed above in the free elective component of the MACC curriculum. More curriculum details that depend on the undergraduate degree of the applicant are described below.

Students with an **undergraduate degree in accounting** will be required to complete 30 credit hours from the three primary program components:

- Six required MACC courses (two may be cross-listed).
- One MACC elective course.
- Three other graduate course electives as listed in a later section.

Students with an **undergraduate degree in business (other than accounting)** will be required to complete about 42 credit hours:

- Two courses in Intermediate Financial Accounting (pre-requisite for conditional admission, undergraduate credit)
- Six required MACC courses (two may be cross-listed).
- One MACC elective course.
- Three other graduate course electives as listed in a later section. Students may use up to three of these electives to fulfill the four cross-listed undergraduate accounting course requirements.
- One graduate-only course (ACCT 550) to complete the four cross-listed undergraduate accounting course requirements.
- One additional course to complete the graduate-only seven course requirement.

Students with a **non-business undergraduate degree** will be required to complete about 48 credit hours:

- Two courses in Intermediate Financial Accounting (pre-requisite for conditional admission, undergraduate credit).
- Six required MACC courses (two may be cross-listed).
- One MACC elective course.
- Three other graduate course electives as listed in a later section. Students may use up to three of these electives to fulfill the four cross-listed undergraduate accounting course requirements.
- One additional course to satisfy the four cross-listed undergraduate accounting course requirements.
- Three specific graduate-only business courses:
  - Economics (ECON 550)
  - Finance (FINC 550)
  - Statistics (STAT 500)

## CPA Exam Eligibility Considerations

Students without a business undergraduate degree may need additional courses to meet the criteria to be eligible to take the CPA exam in Ohio. In general 150 semester credit hours are required to take the CPA exam. For CPA exam candidates with an undergraduate degree only, 30 semester hours of accounting are required in addition to 24 hours of general business courses. Alternatively, CPA exam eligibility can be met by completing 150 semester hours of coursework including a master's degree in accounting. It is important to note that CPA exam eligibility criteria vary on a state by state basis. Eligibility criteria for each state can be found at [www.nasba.org](http://www.nasba.org). Ohio requirements can be found at <http://acc.ohio.gov/CPAExam.aspx>.

## Core Accounting Requirements

Students are required to complete the six accounting courses listed below. Students who have previously completed an equivalent course may be required to waive the course and replace it with a MACC elective. Students may not take courses marked with an \* for credit if they have an undergraduate equivalent.

- MACC 515\*- Nonprofit and Governmental Accounting (cross-listed with ACCT 315)
- MACC 531\*- Advanced Financial Accounting (cross-listed with ACCT 431)
- MACC 611 - Corporate Income Tax Reporting and Compliance
- BLAW 620 - Commercial Law and Professional Ethics
- MACC 622 - Fraud Examination
- MACC 625 - Current Topics in Accounting Practice

## MACC Accounting Electives

Students are required to complete one of the following accounting electives:

- MACC 603 - Accounting Internship (subject to approval)
- MACC 616 - Taxation of Flow-Through Entities
- MACC 632 - Advanced Managerial Accounting
- MACC 690 - Corporate Governance (cross-listed with BUAD 690)
- MACC 696 - Special Topics in Accounting I
- MACC 697 - Special Topics in Accounting II
- MACC 695 - Individual Reading and Research

## Free Electives

Students must complete nine hours of free electives from the courses listed below or remaining courses not yet taken in the MACC course electives section above. Students may not take courses marked with an \* for credit if they have an undergraduate equivalent.

- MACC 511\*- Auditing Concepts and Practices (cross-listed with ACCT 311 and taken for three graduate credit hours)
- MACC 542\*- Auditing Concepts and Practices (cross-listed with ACCT 421)
- MACC 595\*- Analysis of Accounting Systems (cross-listed with ACCT 495)
- ACCT 550 - Managerial Accounting
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance (test waiver option available)
- FINC 600 - Managerial Finance
- FINC 602 - Investment Management
- FINC 607 - Portfolio and Hedge Fund Construction
- FINC 621 - Options and Futures Markets
- FINC 632 - Multinational Financial Management
- FINC 640 - Purchase, Sale and Valuation of Closely-Held Entities
- FINC 645 - Mergers and Acquisitions
- FINC 651 - Money and Capital Markets
- FINC 663 - Fixed Income and Debt Management
- FINC 664 - Bond Fund
- FINC 675 - Real Estate Finance
- FINC 684 - Financial Modeling
- INFO 550 - Business Information Systems
- INFO 626 - Knowledge Management
- INFO 655 - Business Intelligence
- INFO 672 - Computer and Network Security
- INFO 674 - Database Management
- INFO 680 - Introduction to Data Mining for Managers
- STAT 500 - Business Statistics

NOTE: Students who **do not have an undergraduate degree in accounting** will need to complete courses in introductory taxation, cost accounting, auditing, and accounting information systems. The following courses fulfill these requirements: MACC 511, ACCT 550, MACC 542, and MACC 595.

NOTE: Student who **do not have an undergraduate degree in business** will need to enroll in ECON 550, FINC 550, and STAT 500 as part of their degree. Additional courses will need to be selected as electives.

## Athletic Training, M.S.

Athletic training is an allied health profession within the American Medical Association. 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 <http://www.xavier.edu/master-of-athletic-training-program/Admission.cfm> for current information pertaining to accreditation, program admission, technical standards, graduation requirements and the curriculum.

The Masters in Athletic Training program operates on a rolling admissions basis. We welcome complete applications as early as August; however, the deadline is February 15th. Students may apply after the deadline, and we will review applications on a rolling basis as space permits in the cohort.

Students with incomplete prerequisites may apply; however, they must state how they will satisfy the prerequisites prior to the start of the program. A student with deficiencies may be considered for conditional admission to the program if he or she fails to meet any of the requirements, however, all requirements must be met prior to the start of the program.

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. After the fourth year at XU, students will earn an undergraduate degree in Exercise Science and after the fifth year, students will earn a Master of Science in Athletic Training.

## Program Admission Requirements

## MS in AT (5 year option): Conditional Graduate Program Admission Requirements

Prospective students in the XU-Exercise Science major, interested in pursuing the Masters of Science in Athletic Training degree program must meet the pre-requisites listed below.

### Pre-requisites:

- Completion of Xavier University's core and Exercise Science degree requirements
- Completion of a minimum of 97 credits
- Overall 3.0 GPA

- Minimum grade of "C" in each pre-requisite course (C- is not acceptable)
- Minimum cumulative GPA of 3.0 in all pre-requisite courses

Pre-requisite Courses:

- Anatomy & Physiology (BIOL 140-143)
  - Students changing their major from Biology can petition to use BIOL 160-163
  - Exercise Physiology (EXSC 225)
  - Chemistry + Lab (CHEM 150 & 151)
  - Physics + Lab (PHYS 140 & 141)
  - Nutrition (EXSC 330)
  - Statistics (MATH 116 or 156)
  - English Composition (ENGL 101) or Rhetoric (ENGL 115)
- 
- Completion of 40 hours of Professional exploration: a minimum of two athletic training practice settings addressing the needs of distinct patient populations
  - CPR Certification (AHA ACLS, AHA BLS Healthcare Provider, or ARC CPR/AED for the Professional Rescuer.
  - First Aid Certification (ARC)

**Prospective students will be asked to submit the following along with an online application form by the Admission Deadline (February 15th for the following summer semester).**

- One official transcript sent directly from the college/university to the Office of the Graduate School, of all previous undergraduate and graduate course work. Transcripts must demonstrate that the GPA, and pre-requisite course requirements have been met.
- Documentation of 40 hours of Professional exploration: a minimum of two athletic training practice settings addressing the needs of distinct patient populations
- Proof of current CPR Certification (AHA ACLS, AHA BLS Healthcare Provider, or ARC CPR/AED for the Professional Rescuer)
- Proof of current First Aid Certification (ARC)
- Read the Technical Standards and submit the signed Technical Standards Verification Form.
- A one-page statement of your career goals and how Xavier's Athletic Training Program fits with your goals.
- Two letters from professional and/or academic references who are able to assess your potential for success in this program

\*\* Once all pre-requisites have been meet, qualified students will complete an Interview with an Athletic Training Faculty member (in person or over the phone).

## **MS in AT (2 year option): Admission Requirements**

Prospective students with a bachelors degree interested in pursuing the Masters of Science in Athletic Training degree program must meet the pre-requisites listed below.

### **Pre-requisites:**

- A bachelors degree from a regionally accredited college or university.
- Overall 3.0 Undergraduate GPA
- Minimum grade of "C" in each pre-requisite courses (C- is not acceptable)
- Minimum cumulative GPA of 3.0 in all pre-requisite courses

Pre-requisite Courses:

- Human Anatomy & Physiology
- Human Anatomy & Physiology Lab
- Anatomy & Physiology can be combined or separate
- Exercise Physiology
- Chemistry + Lab
- Physics + Lab
- Nutrition
- Statistics
- English Composition (Writing course)

- Completion of 40 hours of Professional exploration: a minimum of two athletic training practice settings addressing the needs of distinct patient populations
- CPR Certification (AHA ACLS, AHA BLS Healthcare Provider, or ARC CPR/AED for the Professional Rescuer)
- First Aid Certification (ARC)

**Prospective students will be asked to submit the following along with an online application form by the Admission Deadline (February 15th for the following summer semester).**

- One official transcript sent directly from the college/university to the Office of the Graduate School, of all previous undergraduate and graduate course work. Transcripts must demonstrate that the GPA, and pre-requisite course requirements have been met.
- Documentation of 40 hours of Professional exploration: a minimum of two athletic training practice settings addressing the needs of distinct patient populations
- Proof of current CPR Certification (AHA ACLS, AHA BLS Healthcare Provider, or ARC CPR/AED for the Professional Rescuer)
- Proof of current First Aid Certification (ARC)
- Read the Technical Standards and submit the signed Technical Standards Verification Form.
- A one-page statement of your career goals and how Xavier's Athletic Training Program fits with your goals.
- Two letters from professional and/or academic references who are able to assess your potential for success in this program

\*\* Once all pre-requisites have been meet, qualified students will complete an Interview with an Athletic Training Faculty member (in person or over the phone).

## Progression & Retention Requirements

- Students must maintain a minimum grade of "B-" in all graduate athletic training 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 maintain current First Aid and CPR certification. Students are not allowed to participate in clinical experiences without current CPR & First Aid credentials. Students without current credentials will be suspended from all clinical experiences until this requirement is met.
- Students must follow all program policies & procedures and adhere to the National Athletic Trainers' Association's Code of Ethics. Violations will be dealt with on an individual bases, but could result in probation, suspension, or expulsion of the program depending on the severity.
- A code of ethical behavior and conduct has been developed to ensure professional behavior of all students enrolled in the Master's in Athletic Training. The Program Director will review cumulative code infractions at the end of each academic semester. A student who exceeds the maximum cumulative infraction points as outlined in the student handbook will be deemed unprofessional and will not be permitted to continue in the program.
- Students must receive satisfactory clinical evaluations from their assigned preceptors. Students receiving unsatisfactory evaluations will be required to meet with the Program Director and Clinical Education Coordinator to devise a plan intended to improve the student's clinical success. The student has one semester to improve their clinical evaluation ratings. Failure to follow the agreed upon plan may result in probation, suspension, or expulsion of the program depending on the case.

## 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 of the required Clinical Integration Proficiencies.
- Students must pass a Xavier University Athletic Training comprehensive exam.

## Course Sequence

### Summer Semester - 9 credit hours



- ATTR 500: Care and Prevention
- ATTR 501: Athletic Training Skills
- ATTR 510: Anatomical Kinesiology

## First Year

### Fall Semester - 12 credit hours

- ATTR 521: Lower Extremity Injuries
- ATTR 531: Therapeutic Intervention 1
- ATTR 540: Evidence-Based Practice
- ATTR 550: Interprofessional Collaboration
- ATTR 561: Clinical Experience 1

### Spring Semester - 12 credit hours

- ATTR 522: Upper Extremity Injuries
- ATTR 523: Head, Spine & Thorax Injuries
- ATTR 532: Therapeutic Intervention 2
- ATTR 541: Research 1
- ATTR 562: Clinical Experience 2

## Second Year

### Fall Semester - 12 credit hours

- ATTR 600: Medical Issues in AT
- ATTR 610: Administrative Concepts in AT
- ATTR 633: Therapeutic Intervention 3
- ATTR 642: Research 2
- ATTR 663: Clinical Experience 3

### Spring Semester - 9 credit hours

- ATTR 650: Contemporary Issues in AT
- ATTR 664: Clinical Experience 4

## **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 in criminal justice program 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 in Criminal Justice program 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 in 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 623 - Perspectives in Law Enforcement Management
  - CJUS 633 - Forensics & White Collar Crime
- CJUS 642 - Criminal Justice Administratio
- CJUS 643 - Correctional Counseling
  - CJUS 644 - Government & Non-Profit Accounting
  - CJUS 647 - Human Resources for Criminal Justice Administrators
- 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. Through the utilization of real-world data sets, students will 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.

## Prerequisites

- Undergraduate or Graduate Introduction to Statistics
- INFO 550 (or its equivalent)
- Excel Bootcamp
- SAS Bootcamp

## Course Sequence (Once prerequisites are satisfied)

### Year One

#### Fall Semester

- MKTG 550 - Marketing Strategy
- MKTG 602 - Marketing Research

#### Spring Semester

- MKTG 605 - Applied Multivariate Analysis
- BUAD 501 - Ldrshp and Communication

#### Summer Semester

- INFO 674 - Database Management

## Year Two

### Fall Semester

- MKTG 664 - Consumer Behavior Theory
- INFO 680 - Intro Data Mining for Managers

### Spring Semester

- MKTG 640 - Consumer-Centric Category Mgmt
  - INFO 665 - Spreadsheet Applications Decision Making

### Summer Semester

- BUAD 605 - Internship (This is a practicum that involves hands on analysis with real world data)

## Notes

- Graduate business courses level 600 and above may be used to complete the required 30 hours of graduate level work where waivers have been granted (with approval of program director).
- Students transferring from a Masters' program of an AACSB accredited school may transfer in up to six credit hours that are deemed the equivalent of courses in the Xavier MS in Customer Analytics program.
- At least seven courses that are open only to graduate students must be completed at Xavier.
- Students with significant previous experience or course work may be waived out of specific classes on a case-by-case basis and can take elective courses in their place.
- Xavier undergraduate students during their senior year may take up to six hours of graduate courses in the program with approval of the program director.

## Health Economic and Clinical Outcomes Research (HECOR), M.S.

The Master of Science in Health Economics and Clinical Outcomes Research [HECOR] is a 40 credit hour professional program offering students a foundation in health economics and health services research. Health outcomes research and economic evaluation is a growing field in which researchers examine the risks and benefits of drugs, medical devices, biotechnology and comparative interventions. Study results and conclusions are used by medical professionals, payers, self-insuring employers and government agencies to make better informed healthcare decisions and thereby improve patient care. The program is designed to train students to conduct both clinical and economic evaluations that inform health-care decisions. Students will learn how to conduct research that generates evidence on the effectiveness, benefits, and harms of different treatment options to include but not limited to: drugs, medical devices, tests, surgeries, or ways to deliver health care.

Students enrolled in this program will take courses spanning health economics and econometrics, data mining large with operational databases (e.g., payer, electronic medical records, and hospitals), statistical modeling and epidemiology in domestic and international settings. Graduates of this program will be well positioned to pursue careers as analysts, managers and directors in the fields of health outcomes research, policy, economics and reimbursement.

The program is designed as an aggressive, part-time program of two courses and a seminar for each semester - fall, spring, and summer - for two years, amounting to 20 credit hours per year.

## Curriculum

## First Year

### Fall Semester

7 Credit Hours

- **Statistics:** STAT510 Introduction to Statistics (3) or HESA521 Quantitative Methods for Health Care Management (3)
- **Economics:** HESA471/571: Introduction to HECOR (3)
- **Seminar:** HECO601: Professional Development 1 (1)

### Spring Semester

7 Credit Hours

- **Statistics:** HECO522 Applied Analysis 1 (3)
- **Clinical:** HESA567 Applied Epidemiology (3)
- **Seminar:** HECO602: Professional Development 2 (1)

### Summer Semester

7 credit hours

- **Statistics:** HECO523 Applied Analysis 2 (3)
- **Economics:** HESA575 Health Economics (3)
- **Seminar:** HECO603: professional Development 3 (1)

## Second Year

### Fall Semester

7 credit hours

- **Economics:** HESA579 Healthcare Policy & Policy Analysis (3)
- **Population Health:** HECO5xx: Comparative Health Systems (3)
- **Seminar:** HECO604: Professional Development 4 (1)

### Spring Semester

7 credit hours

- **Statistics:** HECO624 Advanced Research Methods (3)
- **Economics :** HECO67x Cost Benefit and Effectiveness (3)
- **Seminar:** HECO605: Professional Development 5 (1)

## Summer Semester

5 credit hours

- **Ethics:** THEO544: Health Ethics (3)
- **Seminar:** HECO699: Mentored Capstone Practicum (2)
- **Choose practice focus area:**
  1. OUTCOMES ANALYSIS FOR POPULATION HEALTH MGMT [BURDEN OF ILLNESS]
  2. OUTCOMES ANALYSIS FOR HOSPITALS, PAYERS OR SELF INSURING EMPLOYERS [COMPARATIVE EFFECTIVENESS RESEARCH]
  3. OUTCOMES ANALYSIS FOR GOVERNING BODIES [HEALTH TECHNOLOGY ASSESSMENTS]

## Human Resource Development (Executive Program), M.S.

Human Resource Development (HRD) is the integrated use of training, organizational development, and career development efforts to improve individual, group, and organizational effectiveness. Xavier's executive human resource development program is designed to develop ethical, competent, and professional leaders who can perform effectively in critical HRD roles, such as director of HRD programs, training manager or director, instructor, facilitator, trainer, management/leadership development specialist, organization change agent, chief learning officer, program designer, or individual career development advisor.

Designed with working adults in mind, this program can offer you the chance to:

- Enhance your skills and knowledge as an HRD practitioner and obtain a graduate degree.
- Begin a new career in training, organization or career development.
- Work in business, industry, private, non-profit or public organizations as an internal or external HRD consultant.

The Xavier HRD program is offered in an executive format as a 21-month program. Students attend classes on the Xavier campus 1 weekend per month for 21 weekends (Friday night, all day Saturday, and Sunday mornings).. A unique feature of this program is that it employs an executive approach to graduate study: Students enter with a group of students with whom they remain throughout their program of study. Due to the comprehensive and consecutive sequence of courses, no transfer credits will be accepted from other programs. There is no final thesis or comprehensive exam required for the program. Students will be admitted only once per year in the for a cohort class which will begin in the fall. Early application to the program is recommended.

Go to <http://www.xavier.edu/human-resource-development/#process> to reference the admission requirements.

## Requirements for the M.S. in HRD

The degree requires 30 semester hours. The 21-month program begins in August of each year. The courses are sequential and held on the weekends. There is no final thesis or final comprehensive exam required, and there are no course prerequisites.

The course sequence per each semester is as follows:

### Fall #1 (7 credit hours)

- HRDE 650 - Intro Adult Org Learn
- HRDE 651 - Org Effectiveness & Change

### Spring #1 (7 credit hours)

- HRDE 652 - Applied Adult & Org Learn
- HRDE 653 - Career Develop In HRD
- HRDE 654 - Needs Assess & Eval In HRD

## Summer #1 (3 credit hours)

- HRDE 660 - Designing HRD Programs

## Fall #2 (6 credit hours)

- HRDE 670 - Technology In HRD
- HRDE 671 - Applied HRD Research Pt 1
- HRDE 672 - Facilitating Learning In HRD

## Spring #2 (7 credit hours)

- HRDE 673 - Applied HRD Research Pt 2
- HRDE 674 - Trends & Issues In HRD
- HRDE 675 - Strategic Lead & Ethics In HRD

May of year #2 is graduation.

## Master of Science in Nursing

### MSN MIDAS (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 model 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.

### Nursing Core (20 semester hours, 17 semester hours FNP, MIDAS)

- NURS 500 - Health Care Ethics-Nurse Leaders
- NURS 501 - Theoretical Bases for Nurse Practitioner
- NURS 502 - Nursing Research
- NURS 754 - Leadership/Management Concepts (not required for FNP)
- NURS 854 - Advanced Informatics (CNL, FNP, MIDAS instead of NURS 505)
- NURS 864 - Epidemiologic Methods

### MIDAS Courses

- NURS 550 - Nursing Perspectives I
- NURS 552 - Art & Science of Nursing
- NURS 553 - Art & Science of Nursing Practicum
- 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 Practicum
- 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 Practicum
- NURS 654 - Advanced Pharmacology
- NURS 656 - Advanced Pathophysiology
- NURS 750 - Nursing Perspectives III
- NURS 752 - Community Nursing/Public Health Policy
- NURS 753 - Community Nursing/Public Health Practicum
- NURS 850 - Nursing Perspectives IV
- NURS 851 - Leadership Practicum
- NURS 852 - Leadership for Quality

### 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



## Nursing, M.S.N.

The Master of Science in Nursing is available for pre- and post-licensure students.

The second degree pre-licensure MSN (MIDAS program) 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 ten are elective credits. Students may customize their course of study or select their electives from a focused track of study.

## 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

The point of entry into the MSN for registered nurses is determined by educational background:

1. Direct entry for RNs with a BSN
2. Direct entry for associate degree or diploma prepared registered nurses with a bachelor's degree in another field via the Educational Mobility Option, or
3. Entry via the RN to MSN program for associate or diploma prepared registered nurses without a bachelor's degree. This entry point requires the completion of bridge courses prior to matriculation 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 (20 semester hours, 17 semester hours FNP, MIDAS)

- NURS 500 - Health Care Ethics-Nurse Leads
- NURS 501 - Theoretical Bases for Nurs Pra
- NURS 502 - Nursing Research
  
- NURS 505 - Health Care Informatics OR
- NURS 854 - Advanced Informatics (CNL, FNP, MIDAS)
  
- NURS 864 - Epidemiologic Methods
- NURS 690 - Healthcare Policy-Nurse Leader (not required for MIDAS)
- NURS 754 - Ldrshp/Management Concepts (not required for FNP)

## Synthesis & Application for Registered Nurses (6 semester hours)

- NURS 703 - Graduate Nursing Practicum I \*
- NURS 705 - Graduate Nursing Practicum II \*
- NURS 779 - Applied Interprofession Collab \*
- NURS 797 - Scholarly Project

\* CNL track requires NURS 853 & NURS 855 instead of NURS 703, 705, 779 & 797

\* FNP requires NURS 777 & NURS 778 instead of NURS 703 & 705

\* MIDAS is a pre-licensure program not requiring NURS 703, 705, 779 & 797. See curriculum.

## Track (Minimum of 10 semester hours)

### Administration 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:

- NURS 556 - Introduction to CNL for RNs
- NURS 602 - Applying CNL Concepts to RNs
- NURS 658 - Clinical Pharmacology
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN
- NURS 853 - Ldrshp Practicum For RNs \*
- NURS 855 - CNL Leadership Scholarly Proj \*

\* NURS 853 & NURS 855 instead of NURS 703, 705, 779 & 797

## Education Track:

- NURS 580 - PathoPharm and Assessment for the Nurse Educator
- NURS 660 - Adult Learner in Healthcare Or
- NURS 662 - Adv Technology & Simulation (Optional Elective Course)
- NURS 664 - Teaching Strategies
- NURS 670 - Roles of the Nurse Educator

## Family Nurse Practitioner Track:

Courses restricted to FNP students.

- NURS 658 - Clinical Pharmacology
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN
- NURS 770 - Primary Care Fam Pract Role
  - NURS 771 - Childbearing Family Care Practicum
- NURS 772 - Childbearing Family Care
  - NURS 773 - Pediatric and Adolescent Family Care Practicum
  - NURS 774 - Pediatric and Adolescent Family Care
- NURS 775 - Adult & Geriatric Fam Care Pra
- NURS 776 - Adult & Geriatric Family Care
- NURS 777 - FNP In Practice
- NURS 778 - FNP Integration Seminar
- NURS 779 - Applied Interprofession Collab

## 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.
- NURS 777 & NURS 778 are required instead of NURS 703 & NURS 705 (See MSN General Curriculum)

## Forensics Track:

- NURS 642 - Psycho/Social/Legal Forensics

- NURS 648 - Found of Forensic Nursing
- CJUS 439 - Criminalistics II or
- CJUS 449 - Criminalistics III
  
- NURS 779 - Applied Interprofession Collab

## General Studies 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:

- 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:

- 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.

## RN to MSN Program

The RN to MSN curriculum is designed for experienced registered nurses who are goal directed leaders and seek a high quality program that efficiently meets their need to obtain a MSN degree in a timely manner. Students in this program are registered nurses without a baccalaureate degree in any field, but have a minimum of two years of full-time nursing practice as registered nurses. Applicants must demonstrate leadership potential, motivation, specific career goals and an excellent academic record. It is expected applicants will already have completed foundational courses in their basic training prior to entering the program. These courses would include content in the following areas: anatomy and physiology, microbiology, chemistry, sociology, general psychology, developmental psychology, English composition and health assessment skills. Foundational content will be validated through the essay and resume.

Registered nurses applying to the MSN or RN to MSN program must be graduates of a nursing program accredited by the Accrediting Commission for Education in Nursing (ACEN), formerly NLNAC or the Commission on Collegiate Nursing Education (CCNE). Graduates of an associate degree academic program must have obtained a degree from a college or university accredited by the Commission on Institutions of Higher Education from one of the six regional accrediting bodies (MSA, NASC, NCA, NEASC, SACS, or WASC).

Students enrolled in the RN to MSN program complete 18 semester hours of prerequisite courses. These prerequisite courses build upon previous education and are required as preparation for the graduate program. Once prerequisites are met, students may matriculate into the graduate program. Admission to the graduate courses is contingent upon completion of all prerequisite courses and a minimum 3.000 cumulative grade point average in courses completed at Xavier.

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)

## RN to MSN Program Pre-requisite Courses:

- ENGL 101 - English Composition
- NURS 490 - Analysis of Healthcare Info \*
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
- NURS 442 - The Community as Partner
- NURS 496 - Professional Development II

### Note(s):

\* NURS 490 meets the statistics requirement. Alternately, this requirement may be met by a previously completed statistics course or XU's MATH 116 or MATH 156.

The MSN program consists of a minimum of 36 semester hours.

## Doctor of Education

### Doctor of Education (Ed.D.) in Leadership Studies

Drawing on Xavier University's Jesuit Catholic tradition, the Leadership Studies Doctoral Program is designed to develop authentic leaders who use their expertise and skills to promote social justice and organizational change. The program emphasizes cultivating the whole person and his/her role in facilitating change and building leadership capacity within individuals, organizations and communities.

Graduates of this program will be transformative leaders in all types of profit and non-profit organizations, including educational and health care institutions, corporate and community service settings, and governmental agencies.

Accordingly, this degree is awarded to the candidate who has demonstrated a capacity for:

- Leadership and Change that is ethical, reflective, scholarly and effective in a variety of organizational arenas
- Scholarly Research
- Specialized Cognate courses and Internship experiences in one or more of the following areas of leadership and practice: Human & Organizational Development, Community & Non-profit Leadership, K-12 Education, Higher Education and Health Services Administration.

## Program of Studies

The Ed.D. in Leadership Studies is a 60-semester hour program. It includes;

- 15 semester hours from the Leadership Core
- 15 semester hours from the Research Core
- 15 semester hours of Dissertation

15 semester hours Cognate

## Leadership Core

- LEAD 880 - Comparative Leadership Theory
- LEAD 881 - Leading Organizational Culture & Change
- LEAD 882 - Psychosocial Dimensions of Leadership
- LEAD 883 - Ethical, Spiritual & Character-Based Leadership
- LEAD 884 - Developing Leadership Capacity

## Research Core

- LEAD 870 - Fundamentals of Doctoral Research Methods in Leadership Studies
- LEAD 871 - Doctoral Statistics I
- LEAD 872 - Qualitative & Quantitative Research Methodology
- LEAD 873 - Doctoral Statistics II
- LEAD 874 - Developing Effective Research Proposals

## Dissertation Advisement

A dissertation is required consisting of 15 semester hours.

- LEAD 890 - Dissertation Design

## Cognate

Multiple cognates available; choose 15 semester hours from the following courses:

- LEAD 860 - Organizational Metaphors & Contexts (all cognates)
- LEAD 869 - Cognate Capstone Leadership Seminar (all cognates)
- LEAD 854 - Theory & Practice in Higher Ed Governance & Administration (Higher Ed Cognate)
- LEAD 855 - The College Student Experience (Higher Ed Cognate)
- LEAD 856 - Finance, Economics & Politics in Higher Ed (Higher Ed Cognate)
- EDAD 771/781 - Principal Internships I & II (K-12 Ed Lead Cog)
- EDAD 710/779/789 - Superintendent Seminar & Supt Internships I & II (K-12 Ed Lead Cog)

Additional cognate courses and internship experiences are available in multiple cognates. Contact the Program Director for latest information.

## Note:

Students who have completed post-master's coursework equivalent to a doctoral program at accredited institutions may receive some credit toward a portion of the fulfillment of the Ed.D. leadership, research and cognate courses. Courses graded on a pass/fail basis or the equivalent will not be accepted as transfer credit. Petitions for transfer of credit will be evaluated individually and will only be granted with the recommendation of the Dean, Associate Dean or the department/program chair.

At the appropriate time in the program, a qualifying assessment will be required before dissertation preparation may commence.

## Suggested Course Sequence:

Students may take up to 6 credits each semester, consisting of a combination of leadership, research and cognate courses until they have met the core and cognate requirements. After that, students are required to enroll in at least 1 credit of dissertation advisement in order to maintain continuous enrollment in the program until their dissertation is completed and they have met the 15 credit hour requirement for dissertation advisement.

## Admission Requirements:

To be considered for admission as a degree-seeking Ed.D. student, you must first submit the following to the Office of the Graduate School:

- Completed application. Apply online at <https://admit.xavier.edu/apply> where you can register for an account. Start your application by selecting "Leadership Studies Doctorate Program (Ed.D)."
- One official transcript of all undergraduate and graduate work from accredited colleges or universities
- Graduate Record Examination (GRE), GMAT, LSAT or Miller Analogies Test (MAT) score. (You do not have to re-take an admissions test if you have a copy of your previous test score.)
- A 1,000-word minimum statement of how you believe the Ed.D. program will help you reach your short- and long-term professional goals
- Resume of work and volunteer experience
- Three letters of reference from individuals addressing your academic/professional potential for doctoral study

Applicants must have an advanced degree (i.e., Master's degree, J.D., or Ph.D.) with an overall minimum GPA of 3.0 from an accredited institution, without exception. Applicants whose prior study was outside the United States must have completed the equivalent of a U.S. bachelor's degree and a Master's degree.

There are no set prerequisite courses or majors, and prior coursework in leadership is not required. The committee reviews performance in all prior post-secondary coursework. Candidates may be required to take a research or comparable course (Xavier EDFD 507/08 suffices) before enrolling in the program's research courses.

To ensure consideration, applications should be submitted by:

- Summer semester: April 1
- Fall semester: April 1
- Spring semester: October 1

A committee of faculty reviews the pool of applications after each of those dates and invites selected candidates to an on-campus interview to continue the application process. Applicants are encouraged to attend an information session or meet with the Program Director prior to completing the application process. Dates and times for information sessions are available on the Graduate Admissions website, <http://www.xavier.edu/graduate-admission/>.

Students have 9 years to complete the doctoral degree program, with a possible 1-year extension upon approval of the Dean of the College of Professional Sciences.

## Financial Aid

The Office of Student Financial Assistance serves as a central clearinghouse for all funding programs available to assist graduate students to finance their doctoral education. The office helps graduate students determine their eligibility for various funding opportunities including Federal loans, grants and assistantships. Prospective students are encouraged to contact the office to discuss their particular circumstances and submit required applications for assistance: [www.xavier.edu/financial-aid](http://www.xavier.edu/financial-aid). Deadlines may apply to specific funding programs, so it is best to contact the office even before being accepted into the program.

Please contact the program at [www.xavier.edu/leadership-studies](http://www.xavier.edu/leadership-studies) for current admission and program information.

## Doctor of Nursing

## Doctor of Nursing Practice (DNP) in Population Health Leadership

The Doctor of Nursing Practice (DNP) degree program within the Xavier University School of Nursing is a 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 21<sup>st</sup> century. Through the lens of the Jesuit tradition, the student will build on a previously earned advanced practice of nursing 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 health of the nation will be the capstone focus.

Intense immersion experiences in a variety of environments will occur throughout the curriculum and will 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 will also be a part of the immersion experience. Using conceptual and analytical skills, students will provide leadership in clinical scholarship, will 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 40-43 variable credit program is a face to face educational offering for students who will move through the eight semester program on a part-time basis. 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 credit for a similar epidemiology course from their master's curriculum will not be required to repeat the course, thus the variable credit hours.

Application requirements and how to apply: [www.xavier.edu/MSN/DNP-Admission.cfm](http://www.xavier.edu/MSN/DNP-Admission.cfm)

### Program Goals

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 improvements and systems thinking.
3. Provide leadership in clinical scholarship and analytical methods for evidence-based practice.
4. Utilize information systems/technology and patient care technology for the holistic improvement and transformation of health care.
5. Influence health care policy for advocacy in health care.
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 synthesize relationships among practice, organizations, diverse populations, fiscal resources, and policy concerns and to advance nursing practice.

### Curriculum

Course scheduling is designed to enable students to take two courses in one late afternoon/evening per week for the first five semesters followed by one course per semester for the final three courses. Scheduling is subject to change.

- [NURS 864 Epidemiologic Methods](#)
- NURS 900 DNP Foundations (3)
- NURS 902 Advanced Evidence Based Practice (3)
- NURS 903 Nursing Leadership in Complex Population-Based Healthcare Systems (4)
- NURS 904 Application of Advanced Research Methodologies (3)
- NURS 905 Healthcare Finance and Economics for Nurse Leaders (4)



- NURS 906 Informatics for Advanced Nursing Practice in Complex Health Systems (3)
- NURS 907 Evaluation and Analysis of Outcomes in Health Care (4)
- NURS 908 Health Care Policy (3)
- NURS 910 Scholarship of Advanced Application and Innovation (3)
- NURS 911 Advanced Practice Application (4)
- NURS 915 Immersion and DNP Project I (3)
- NURS 917 Immersion and DNP Project II (3)

## Doctor of Psychology

### Doctor of 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 practitioner-scientist orientation emphasizes the importance of a scientific foundation in psychology. Although the PsyD program is designed to prepare students for the general practice of clinical psychology, it also addresses the service of specific groups of under-served individuals in today's society— children and adolescents, older adults, and individuals with severe mental disability. Within the curriculum, students have the opportunity to pursue these areas of interest by taking specialized courses, gaining experience in practicum placements, and conducting applied research.

### Program of Studies

Students are accepted into the program on a full-time basis and are required to complete a minimum 114 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. Ninety credit hours consist of courses that are primarily "academic" in nature. These courses are designed to develop content and methodologies in specific areas identified by the American Psychological Association as essential for clinical training--biological, cognitive and affective, social and cultural aspects of behavior, individual differences in behavior, history and systems in psychology, psychological measurement and assessment, human development, psychopathology, professional standards of ethics, research and evaluation, and professional interpersonal conduct. Twenty-four credit hours include 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 an "Area of Interest" in clinical child psychology, applied geropsychology, or the psychology of severe mental disability. Prior to applying for internship in the fall of the fourth year, students must successfully complete the Clinical Competency Examination, patterned after the examination given by the American Board of Professional Psychology, 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 expect a portion of the previous graduate work to be credited toward the fulfillment of the doctoral degree requirements. The allowable number of transferable hours may vary. In all cases a minimum of 75 hours of the required 114 must be completed at Xavier.

Petitions for transfer of credit will be granted with the recommendation of the Department Chair and approval of the Dean of the College of Social Sciences, Health, and Education. 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.

### Requirements for the PsyD degree

1.

To ensure comprehensiveness in the program, all students must include 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.

## Year One

- PSYC 504 - Theories of Personality
- PSYC 506 - Advanced Social Psychology
- PSYC 508 - Diversity
- PSYC 511 - Advanced Statistics I
- PSYC 512 - Advanced Statistics II
- PSYC 520 - Computer Statistics Language I
- PSYC 521 - Computer Stats Language II
- PSYC 580 - Clinical Psychopathology
- PSYC 582 - Assessment I: Intelligence
- PSYC 585 - Assessment II: Personality
- PSYC 649 - Intro to Clinical Interactions

## Summer

- PSYC 502 - History & Philosophical Issues
- PSYC 505 - Prof Problems & Ethics in Psych

## Year Two

- PSYC 609 - Learning & Cognition
- PSYC 610 - Biological Bases of Behavior
- PSYC 621 - Adv Research Design & Analysis
- PSYC 623 - Issues in Applied Psychology
- PSYC 629 - Intervention Tech: Behav Thera
- PSYC 650 - Professional Devl & Pract I
- PSYC 651 - Professional Devl & Pract II
- PSYC 685 - Assessment III: Personality

Earn MA in Psychology

## Summer

- PSYC 607 - Advanced Developmental Psych

- Elective Course

## Year Three

- PSYC 730 - Intervention Tech: Consulting
- PSYC 731 - Intervention Tech: Psychodynam
- PSYC 760 - Clinical Practicum III
- PSYC 761 - Clinical Practicum IV
- PSYC 787 - Research I
- PSYC 788 - Research II
  - Elective courses (2)

## Note(s):

- Clinical Competency Examination or Dissertation proposal must be successfully completed by the end of the spring semester prior to applying for internship.

## Year Four

- Internship applications are completed during the fall semester of the fourth year.
- Clinical Competency Examination and the Dissertation proposal must be successfully completed prior to applying for the internship in the Fall.
- PSYC 789 - Research III
- PSYC 850 - Clinical Practicum V
- PSYC 851 - Clinical Practicum VI
  - Elective courses (5)

## Year Five

- PSYC 999 - Internship (one year)

2.

All students are required to take eight elective courses, four of which are specified as the student's "Area of Interest"--clinical child psychology, applied geropsychology, or the psychology of severe mental disabilities. 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 Organizational Concepts and Management" or a "Certificate in the Foundations of Health Services Administration." In cooperation with the Williams College of Business and the Health Services Administration Department, doctoral students may elect to take courses which offer a foundation in business or in the health services discipline which provide a basis for understanding the dynamics involved in the delivery of health care services in today's changing professional climate.

3.

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 or the student has reached the 8-year limit for the PsyD program.

This policy remains in effect after the completion of the internship, until the dissertation is defended and deposited in the library. There is an eight year time limit to complete all program requirements. A minimum of 75 of the 114 hours required coursework for the PsyD. Degree must be completed at Xavier.

## 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 Social Sciences, Health, and Education 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.

## 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.
4. Three letters of recommendation.
5. A written personal statement of reasons for pursuing a graduate degree in the psychology department at Xavier University, and plans after completion of studies.
6. 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.
7. A completed Application for Financial Assistance form for possible financial aid if interested.
8. Any other information that might aid in the selection process.

Students must have a minimum of 18 undergraduate hours in psychology, including general psychology, psychology statistics, research methods course with lab, and tests and measurements. Courses in developmental and abnormal psychology are helpful. Courses in biological science and college mathematics are also recommended as a preparation for graduate studies. Students with graduate training in clinical psychology or a related field who are accepted with advanced standing may expect a portion of their previous graduate work (if the student has earned a grade of "B" or higher) to be credited toward the fulfillment

of the requirements for the doctoral degree. All decisions regarding acceptance of graduate credit will be made by the Department Chair in conjunction with the student's advisor by the end of the first year.

In all cases, a minimum of 75 of the 114 hours required coursework for the PsyD. degree must be completed at Xavier.

## 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 - Hum 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 142 - 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 and Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

## Fourth Year

### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Intervention 1
- ATTR 540 - Evidence-Based Practice
- ATTR 550 - Interprofessional Collaboration
- ATTR 561 - Clinical Experience 1

### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Intervention 2
- ATTR 541 - Research 1
- ATTR 562 - Clinical Experience 2

## Fifth Year

### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts in AT
- ATTR 633 - Therapeutic Intervention 3
- ATTR 642 - Research 2
- ATTR 663 - Clinical Experience 3

## Spring Semester

- ATTR 650: Contemporary Issues in AT
- ATTR 664: Clinical Experience 4

## Life Sciences for Business, B.S./M.B.A.

The Life Sciences for Business program is a dual-degree program in which students earn a Bachelor of Science in the first four years and enter the Master of Business Administration program in the fifth year. It is designed to prepare students for leadership in the Biotech industry.

### Requirements for the BS in Life 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 the following:

#### Social Science

- ECON 200 - Microeconomic Principles

#### Mathematics

- MATH 140/150
- MATH 156 - General Statistics

#### Science requirement specified by the major as:

#### 16 hours in Chemistry:

- 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 of Physics:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

### Major Requirements:

#### 11 hours of General Biology

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
  - BIOL 299 - Introduction to Methods in Biology

#### 12 hours of Biology electives

- At least 12 credit hours from biology electives (BIOL 210 General Botany or above) including at least one lecture/laboratory combination from: BIOL 230/2312 Genetics (4, S) or BIOL 410/411 Human Physiology (5, F) or BIOL 450/451 General Microbiology (5, S)

#### 25 hours in Business courses:

- ACCT 200 - Introductory Financial Acct
- STAT 211 - Statistics For Business II
- INFO 120 - Introduction to Business Tech
- INFO 220 - Mgmnt of Info Tech
- MGMT 300 - Managerial Behavior
- MKTG 300 - Principles of Marketing
- FINC 300 - Business Finance
- BLAW 550 - Business Law and Ethics
- MGMT 550 - Strategy and Organizations

## Note:

A 2.0 cumulative grade-point average must be attained in all hours of the major.

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

**Life Sciences for Business, B.S./M.B.A. Suggested Block Schedule**

## 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
- ECON 200 - Microeconomic Principles <sup>1,2</sup>
  - CORE 101 - GOA
  - CORE 100 - First Year Seminar

or

- THEO 111 - Theological Foundations

**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
- INFO 120 - Introduction to Business Tech <sup>1</sup>
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- CORE 102 - GOA

Total (15)

## Second Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- INFO 220 - Mgmt of Info Tech <sup>1</sup>
- STAT 210 - Statistics For Business I

or

- MATH 140/150
- Historical Perspectives
- Second Language I

Total (16)

### Second Semester

- BIOL 299 - Introduction to Methods in Biology
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- MATH 156 - General Statistics

or

- STAT 210 - Statistics For Business I
- MKTG 300 - Principles of Marketing <sup>1</sup>
  - Second Language II

Total (16)

## Third Year

### First Semester

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- STAT 211 - Statistics For Business II <sup>1,3</sup>
- PHIL 100 - Ethics as Intro to Philosophy
  - BIOL Elective (3-6)

Total (13-16)

### Second Semester

- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- MGMT 300 - Managerial Behavior <sup>1</sup>
  - Humanities Elective
  - BIOL Elective (3-6)

Total (13-16)

### Summer

- Take GMAT Exam
- Apply to MBA Program

## Fourth Year

### First Semester

- ENGL 205 - Literature & Moral Imagination or

- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin
  - Theological Perspectives
  - Philosophical Perspectives
- ACCT 200 - Introductory Financial Acct <sup>1,3</sup>
- BLAW 550 - Business Law and Ethics

Total (15)

## Second Semester

- FINC 300 - Business Finance <sup>1</sup>
- MGMT 550 - Strategy and Organizations
  - Creative Perspectives
  - BIOL Electives (3-6)

Total (14)

## MBA Year

### First Semester

- ACCT 550 - Managerial Accounting
- FINC 550 - Fundamentals of Finance
- INFO 550 - Business Information Systems
- MKTG 550 - Marketing Strategy
  - MBA Elective

Total (15)

### Second Semester

- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- MGMT 551 - Operational Analysis
  - International Business Elective
  - MBA Elective
  - MBA Elective

## Total (18)

## Summer

- MBA Capstone Course (3)

## Notes:

1. Students intending to apply for and complete the LSF&B & MBA program must notify their advisor and take the GMAT in their Junior Year. ACCT 200 and STAT 211 are pre-MBA foundation requirements for MBA candidates. Calculation of the undergraduate GPA for the LSF&B Major will be based on the grades from both the Biology and Business courses taken during the student's first 4 years at Xavier. The graduate GPA for the LSF&B Major will be based on the grades from the graduate business courses taken by the student during the 5th year at Xavier.
2. Students who do not wish to complete the LSF&B & MBA program must notify their advisor no later than Fall of their Junior Year and can choose option A or B:

A) This route leads to a BS in LSF&B and a Business minor (assuming students have taken the required business courses and applied for the minor)\*\*. These students must take BLAW 550 and MGMT 500 for this undergraduate degree.

B) This route requires a change of major to BIOL and student would receive a BS in BIOL with a Business minor (assuming students have taken the required business courses and applied for the minor)\*\*. These students must fulfill additional Biology requirements (i.e., Genetics, Human Physiology and either Botany, Entomology or General Microbiology), as well as the senior capstone course (see block schedule and checklist for the Biology major).

ERS Elective (can double count w/PHIL 300s, THEO 300s, LIT, etc.) and 3 hours of DCR

\*\*Business Minor = ACCT 200, ECON 200, FINC 300, INFO 120/220, MGMT 300, MKTG 300 and STAT 211 (2.000 GPA overall required).

## The Professional Accountancy Program, B.S.B.A./M.B.A.

This is a five-year program, which some students complete in less than five years, that enables a student to earn a BSBA in Accounting and an MBA while satisfying the 150-hour requirement to be eligible to take the CPA exam. Students are allowed to seek admission to 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: The 150 hour requirement may also be satisfied by a double undergraduate major; such as, Accounting and Information Systems, or Accounting and Finance. This approach requires a student to take an additional three credit hour Accounting elective to meet the 30 credit hours of Accounting courses required under law in the State of Ohio.)

## Requirements:

- Same as the requirements for BSBA in Accounting except that six hours of MBA credit may be taken in the senior year and fall under the undergraduate tuition which covers up to 18 credit hours of classes in an academic term.
- Same as requirements for all MBA students.
- Nine credit hours of graduate electives which may include one or more courses in Accounting/Taxation, beyond ACCT 602.

## B.S.B.A. Accounting and MBA

This block serves as a guideline for progress toward a degree. Through a combination of summer work and/or taking 18 hours per semester, many students complete their program in four or four and one-half years. See your academic advisor.

## Freshman Year

### First Semester

- MATH 150 - Elements of Calculus I
  - History I Elective (3)
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  - Foreign Language Elective (3)
- BUAD 101 - The Business Profession I
- INFO 120 - Introduction to Business Tech
- MKTG 300 - Principles of Marketing

Total (16)

### Second Semester

- STAT 210 - Statistics For Business I
  - History II Elective (3)
  - Foreign Language Elective (3)
- BUAD 102 - The Business Profession I
- ECON 200 - Microeconomic Principles
- INFO 220 - Mgmnt of Info Tech

Total (15)

## Sophomore Year

## First Semester

- STAT 211 - Statistics For Business II
- ACCT 200 - Introductory Financial Acct
- BUAD 201 - The Business Profession II
- ECON 201 - Macroeconomic Principles
- THEO 111 - Theological Foundations
- SHRM 200 - Human Resources In a Diverse S \*

Total (15)

## Second Semester

- MGMT 300 - Managerial Behavior
- BUAD 202 - The Business Profession II
- ACCT 201 - Introductory Managerial Acct
  - Literature Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
- FINC 300 - Business Finance
- MGMT 301 - Managerial Communications

Total (17)

## Junior Year

### First Semester

- ACCT 311 - Introduction to Taxation
- BUAD 301 - The Business Profession III
- MGMT 302 - Quality & Product in Operation



Total (16)

## Second Semester

- ACCT 321 - Cost Accounting
- BUAD 302 - The Business Profession III
  - Science Elective (3)
- PHIL 290 - Theory of Knowledge
- ECON 300 - Int'l Trade & Bus Environment
- BLAW 300 - Legal Environment \*

Total (18)

## Senior Year

### First Semester

- Theology Ethics or Rel/Cult Elective (3)
- BUAD 401 - The Business Profession IV
  - Science Elective (3)
- ENGL 205 - Literature & Moral Imagination

Total (18)

### Second Semester

- BUAD 402 - The Business Profession IV

## Total (15)

## Fifth Year

### First Semester

- BLAW 550 - Business Ethics and Law or another approved Ethics course chosen in conjunction with the MBA Program Director.
- ACCT 550 - Managerial Accounting
- MKTG 550 - Marketing Strategy
- MGMT 551 - Operational Analysis
- FINC 550 - Fundamentals of Finance

## Total (15)

### Second Semester

- BUAD 550 - International Business or International Business Elective
- BUAD 690-694 - Capstone
- Electives (9) \*\*\*

## Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- \* SHRM 200 fulfills the Core Curriculum Diversity Requirement Elective.
- \*\* BLAW 300 fulfills the Core Curriculum Diversity Requirement and the Ethics, Religion and Society (E/RS) focus.
- The E/RS focus elective requirement may be used to satisfy another element of the Core Curriculum or the major requirements.
- The BSBA degree program typically requires 124 total credit hours, with 120 hours as the absolute minimum. An overall GPA of 2.000 is required.
- ### Students completing an undergraduate accounting degree may choose any 600 level accounting course to meet the accounting requirement.
- The undergraduate business elective can be waived for students admitted to the MBA program prior to completion of their undergraduate degree if they successfully complete an MBA 600 level core course.

Freshman Year	31 hours
Sophomore Year	32 hours
Junior Year	34 hours

Senior Year	33 hours
Fifth Year	27 hours
Total Hours	157

## MHSA/MBA

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.

## MSN/MBA

Xavier University's College of Social Science, Health, and Education and Williams College of Business offer an outstanding opportunity for nursing leaders to receive a dual degree in a creative, integrated program that unites these two nationally recognized colleges. More and more nurse administrators are finding the health care industry has become a business that requires both the application of professional nursing and business theories. The joint MSN/MBA program uses a cohort approach, which enhances networking and collegiality among students. Flexible scheduling is an opportunity provided with MBA courses.

This degree requires 59 credits or more depending on the student's choice of courses. Students may be required to take foundational business courses or demonstrate knowledge of the following courses by previous academics, professional credentials or through examination. Two capstone courses measure the accomplishment of each program's objective.

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)

## Requirements for the Dual Degree MSN/MBA

### Nursing Core/Graduate Support (17 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 864 - Epidemiologic Methods

### Concentration (12 semester hours)

- NURS 634 - Nurs Admin In Complex Health
- or
- MGMT 550 - Strategy and Organizations
- NURS 764 - Administrative Informatics

or

- INFO 550 - Business Information Systems
  - MBA Elective
  - MBA Elective

## MBA Foundational Skills (2 semester hours)

- ACCT 500 - Foundations of Financial Acct

## MBA Core (21 semester hours):

- ACCT 550 - Managerial Accounting
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MKTG 550 - Marketing Strategy
- MGMT 551 - Operational Analysis

## Synthesis & Application (4 semester hours):

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 779 - Applied Interprofession Collab

## Capstone Courses (5 semester hours):

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management
  
- NURS 797 - Scholarly Project

## **MSN/MEd**

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 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 (e.g., CE providerships, in-service educators and nurse educators).

The curriculum consists of a minimum of 61 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 (17 hours)

- NURS 660 - Adult Learner in Healthcare Or
- NURS 664 - Teaching Strategies
- NURS 658 - Clinical Pharmacology
- NURS 670 - Roles of the Nurse Educator
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN

### MEd Courses required (9 semester hours):

- EDFD 503 - Advanced Educational Psych or
- EDFD 510 - Adv Human Develop & Learning
  
- EDAD 660 - Curr Design & Teach Strategies

### 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
- EDAD 562 - Political Structure & PR
- EDAD 564 - Admin of Staff Personnel
- EDAD 565 - School Law I
- EDAD 570 - Policy Planning & Evaluation
- EDAD 572 - Educational Technology
- EDFD 504 - Psych & Learn Theory & Practic
- EDFD 505 - Org of Ed Systems in U.S.
  - EDFD 512 - Psychology for Learning and Tech
- EDSP 500 - Sp Ed: Identification & Issue

Synthesis & Application (6 semester hours):

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project
- NURS 779 - Applied Interprofession Collab

## MSN/MSCJ

The MSN/MSJ 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/MSJ 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/MSJ 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 / MSJ

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 439 - Criminalistics II or
- CJUS 449 - Criminalistics III
  
- CJUS 610 - Basic Const Law & Amer Justice
- 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 779 - Applied Interprofession Collab
- NURS 797 - Scholarly Project

## Minors

### Advanced Technology Minor

The Department of Management Information Systems offers the minor in Advanced Technology. This minor is available to business and non-business undergraduate students.

18 total credit hours are required, as follows:

15 hours from specific required courses:

- CSCI 170 - Computer Science I
- INFO 362 - Adv Application Development
- INFO 368 - Intro to Enterprise Systems

3 hours from elective courses:

- Select from upper division courses in INFO and CSCI.

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.

## 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 206 - Writing for the Media
- COMM 270 - Principles of Strategic Comm
- COMM 329 - Audience Survey & Research
- COMM 430 - Creative Strategies Advrtising

6 hours of electives (2 courses) selected from:

- COMM 211 - Media Literacy
- COMM 235 - Digital Design
- COMM 237 - Elements of Copy & Design
- COMM 264 - Persuasion
- COMM 332 - Media Strategies in Advtising



- 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 15-credit hour minor must fulfill the following minimal requirements:

1 three credit hour introductory course on African cultures:

- HIST 123 - African History I or
- HIST 124 - African History II

1 three credit hour elective intermediate course on African cultures:

- ENGL 352 - African Literature
- THEO 309 - West African Religions
  - or other qualifying courses

1 three credit hour introductory course on African Diaspora populations:

- THEO 322 - Black Theology
- PSYC 330 - Intro to African/Black Psych

1 three credit hour elective intermediate course on African Diaspora populations:

- COMM 323 - Race, Class, Gender & Media
- ENGL 484 - African-American Literature
  - or other qualifying electives

1 three credit hour exit seminar:

- One three credit-hour exit seminar housed in the department of the professor teaching it that particular semester.

## **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 of courses, including CSCI 170, MATH 170, MATH 171, and at least nine additional elective hours selected from the following:

Nine hours of electives from the following:

- MATH 220 Calculus III
- MATH 225 Foundations Of Higher Math through MATH 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

15 hours required in art courses:

- ARTS 270 - History of Art I
- ARTS 271 - History of Art II
- ARTS 272 - Art of the 20th Century
- ARTS 273 - History of American Art
- ARTS 274 - Women, Art & Society

3 hours of art electives (either studio or more art history)

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.

## 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

or

- 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 363 - Comparative Religions
  - THEO 367 - Zen Buddhism
- THEO 368 - Buddhism
  - THEO 371 - Buddhism and Ecology
- 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 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

\*Biochemistry, CHEM 440 has the prerequisites of two semesters of General Chemistry with Laboratories and two semesters of Organic Chemistry with Laboratories.

4 hours of electives selected from:

- CHEM 320 - CHEM 450

## **Biology Minor**

18 total 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

10 hours of lecture and lab combinations selected from:

- BIOL 200 - 461. (Refer to Course Descriptions.)

## Note(s):

- A 2.000 cumulative average must be attained in all these courses.

## Business Analytics Minor

The Minor in Business Analytics 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.

## 9 credit hours of required prerequisites

- INFO 220 - Mgmnt of Info Tech
- STAT 211 - Statistics For Business II
- MKTG 300 - Principles of Marketing

## 15 credit hours from:

- INFO 358 - Data Modeling and Management
- INFO 365 - Business Analytics
  
- INFO 329 - Data Mining or
- MKTG 329 - Data Mining
  
- MKTG 302 - Marketing Research
  - MKTG 315 - Consumer Centric Category Management or
- MKTG 370 - Consumer Behavior

## 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
- ECON 200 - Microeconomic Principles
- FINC 300 - Business Finance
- MKTG 300 - Principles of Marketing
- MGMT 300 - Managerial Behavior

## 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
- BLAW 300 - Legal Environment
- ECON 201 - Macroeconomic Principles
- ECON 300 - Int'l Trade & Bus Environment
- MGMT 301 - Managerial Communications
- 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. The minor consists of 18 hours of courses including an introductory course (either HIST 398 or PHIL 350) that is also interdisciplinary, along with four elective courses and a 3 hour capstone course.

## Chemistry Minor

19 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

3 additional hours of coursework must be selected from:

- CHEM 300-495 (Refer to Course Descriptions.)

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.



## **Communication Arts Minor**

18 total credit hours are required, as follows

6 hours from:

- COMM 101 - Oral Communication
- COMM 211 - Media Literacy

12 hours of COMM electives (4 courses) selected from:

- COMM 123 - 499 (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative grade point average must be attained in all courses taken in the minor.

## **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**

16 total credit hours are required, as follows:

10 hours from:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 181 - Computer Science Lab
- CSCI 220 - Data Structures & Algorithms

6 hours of electives selected from:

- CSCI 210-397 (Refer to Course Descriptions) (CSCI 260 is strongly encouraged)

Note(s):

- A 2.000 cumulative average must be attained in all these computer science courses.

## **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

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**

15 total credit hours are required, as follows:

12 hours from:

- CJUS 101 - Intro to Criminal Justice
- CJUS 210 - Basic Const Law & Amer Justice
- CJUS 321 - Juvenile Justice

- CJUS 381 - Methods of Research in CJUS

3 additional hours must be selected from either:

- CJUS 102 - Intro to Law Enforcement or
- CJUS 103 - Intro to Corrections

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## 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.

## Deaf Studies Minor

The Deaf Studies minor will consist of 19 hours, 18 credit hours of on-campus courses and one credit hour in a Community Based Learning Cooperative:

- ASLN 101 - Elem American Sign Language I
- ASLN 102 - Elem American Sign Language II
- ASLN 201 - Interm American Sign Lang I
- ASLN 202 - Interm American Sign Lang II
  - ASLN 280 - Deafness I: Origins and Orientation (3 credit hours)
  - ASLN 291 - Deafness II: Present Culture and Community (3 credit hours)
  - ASLN 295 - Community Based Learning Cooperative (1 credit hour)

## 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 250 - Screenwriting and Story Craft
- DIFT 254 - Intro To Video Production
- DIFT 215 - Aesthetics and Tech Post-Prod

## 6 hours of electives (2 courses) selected from:

- COMM 209 - Group Dynamics
- COMM 211 - Media Literacy
- COMM 426 - Media Law and Policy
- DIFT 210 - Art of Film
- DIFT 214 - Film Criticism
- DIFT Non-Fiction Film
- DIFT - The Horror Film
- DIFT - 354 - Field Prod and Story Telling
- DIFT - 451 - Introduction to Video Graphics
- MUSIC - 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 - Intro to Digital Media
- COMM 235 - Digital Design
- COMM 247 - Understanding New Media
  - COMM 321 Advanced Digital Media
  - COMM 433 Social Media Strategy

## 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:

19 hours of physics and engineering courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
  - ENGR 173 - Explorations in Eng. I
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
  - ENGR 244 - Electronics
  - ENGR 245 - Electronics Lab
  - ENGR 350 - Digital Logic & Circuit Design

A minimum of 3 hours of electives from:

- ENGR 354 - Microprocessors
- ENGR 346 & 347 - Signals and Systems & Lab
- ENGR 348 - Heat Transfer
- ENGR 372 - Wireless Systems

8 hours of math pre-requisites:

- MATH 171 - Calculus II
  - MATH 172 - Calculus II

## **English Minor**

18 total credit hours are required, as follows:

6 hours from:

- ENGL 115 - Rhetoric
- ENGL 221 - Poetry

3 hours from a specific major's section of:

- ENGL 205 - Literature & Moral Imagination

## 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 Minor

The Department of Management and Entrepreneurship offers the minor in Entrepreneurship.

This minor is available to business and non-business undergraduate students.

## 18 total credit hours are required, as follows:

### 9 hours of required entrepreneurial studies courses:

- ENTR 305 - Creativity & Innovation
- ENTR 311 - New Venture Planning
- MGMT 495 - Strategic Management

### 6 hours of required business courses:

- 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.

## Students take:

- ECON 200 - Microeconomic Principles
- ECON 320 - Natural Resource Economics
- BIOL 250 - Ecology and
- BIOL 251 - Ecology Lab (prerequisite: one semester of biology)
- BIOL 398 - SEM: Environmental Studies
  - One approved non science elective

## 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
- **OR** BIOL 440 - Biochemistry
- CJUS 101 - Intro to Criminal Justice
- CJUS 239 - Criminalistics I

#### 6 hours of Criminal Justice (CJUS) electives

## Note(s):

- Natural Sciences majors (as an interdisciplinary major) are not eligible to receive a minor in Biology, Chemistry, or Biochemistry. However, Natural Sciences majors may double count their major requirements toward a minor in Forensic Science.

## French Minor

15 credit hours of upper-division French are required:

6 hours of language/culture from:

- FREN 300 - Advanced French I
- FREN 301 - Advanced French II
- FREN 302 - French Conversation
- FREN 303 - French Composition
- FREN 315 - Business French I
- FREN 330 - Methods Curr Assess In For Lan
- FREN 350 - French Culture/Civilization I
- FREN 351 - French Culture/Civilization II

6 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions.)

3 hours of electives from:

- FREN 300-400 (Refer to 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.

## Students are required to take the following courses:

- 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, Poverty and Society
- 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
  - HIST 350, POLI 316 & THEO 316 - Globalization (departmental designations may change yearly)

## 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 upper-division German are required:

6 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions.)

6 hours of literature from:

- GERM 410-497 (Refer to Course Descriptions.)

3 hours of electives from:

- GERM 300-400 (Refer to 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.

## History Minor

18 total credit hours are required, as follows:

3 hours of Historical Perspectives

12 hours of electives from:

- HIST 200-399 or HIST 105, 106, 133, 134, 143, 144

3 hours of seminar from:

- HIST 400-498 (Refer to Course Descriptions.)

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

## Note(s):

- A 2.000 cumulative average must be attained in these courses for the minor.

## Information Technology (IT) Minor

The Department of Management Information Systems offers the minor in Information Technology.

This minor is available to business and non-business undergraduate students.

15 total credit hours are required, as follows:

6 hours from two required courses:

- INFO 220 - Mgmt of Info Tech
- INFO 358 - Data Modeling and Management

9 hours from elective courses:

- INFO 303 - Internship / Info Syst Jr
- INFO 328 - Database Management
- INFO 329 - Data Mining
- INFO 357 - Telecommunications & Networkin
- INFO 358 - Data Modeling and Management
- INFO 359 - Hardware & Software Overview
- INFO 360 - Intro to Application Developmt
- INFO 362 - Adv Application Development
- INFO 368 - Intro to Enterprise Systems
- INFO 374 - Intro to Web Site Development
- INFO 378 - E-Business
- INFO 403 - Internship / Info Syst Sr
- INFO 450 - Systems Analysis and Design
- INFO 490 - Contemp Issues in Info Systems
- INFO 495 - System Development Project
- INFO 499 - Tutorial Course
- FINC 485 - Financial Modeling
- MKTG 329 - Data Mining

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.

## **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. Innovation is a university-wide program combining courses from the School of Arts and Innovation and the Department of Management and Entrepreneurship. 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 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 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

The Department of Management and Entrepreneurship offers the minor in International Business.

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:

- COMM 224 (3)
- FREN 315 - Business French I
- GERM 315 - Business German
- SPAN 306 - Business Spanish
  - Or courses from HIST & POLI.

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 401 (3)
- HIST 417 (3)
- 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.

## Jewish Studies Minor

The five-course Jewish Studies minor is earned by completing either (A) three non-prerequisite Jewish Civilization courses (I – pre-600; II – 600-1400; III – 1400-present) and two courses representing two of these elective groups: Bible, Theology, and History of Interpretation; History, Art, and Archaeology; Literature; Philosophy; or (B) two Jewish Civilization courses and three courses representing three elective groups, or (C) one Jewish Civilization course and four courses representing three or four groups.

## Jewish Civilization courses:

- HIST 260 - Jewish Civilization I or
- CLAS 180 - Jewish Civilization I
- HIST 262 - Jewish Civilization II
- HIST 263 - Jewish Civilization III

## Bible, Theology, and History of Interpretation elective group:

- THEO 211 - The Dead Sea Scrolls or
- CLAS 211 - The Dead Sea Scrolls
  - THEO 226 - Hellenism, Judaism, Christianity
  - THEO 246 - Biblical Archaeology
- THEO 273 - Intro to Biblical Hebrew or
- CLAS 173 - Intro to Biblical Hebrew
- CLAS 174 - Readings in Biblical Hebrew
- THEO 274 - Seminar: Worship in New Testament
- THEO 280 - Readings in Biblical Hebrew
  - THEO 283 - Jewish/Christian Dialogue
- THEO 296 - Jewish Interpretations of Job
  - THEO 327 - Bioethics: Jewish and Catholic
- THEO 383 - Introduction To Kabbalah
- THEO 393 - Intro To Rabbinic Judaism

## History, Art and Archaeology elective group:

- CLAS 171 - Ancient Iraq & Bible Lands
- CLAS 251 - Near Eastern Mythology: Art
  - CLAS 307 - Biblical Archaeology
  - HIST 264 - Hellenism, Judaism, Christianity
- HIST 351 - Zionism & Modern Israel
  - HIST 464 - Russian Jewish History
- THEO 319 - Anti-Semitism: The Great Hatred
- THEO 353 - The Holocaust

## Literature elective group:

- CLAS 252 - Near Eastern Mythology: Lit
  - ENGL 336 - Israeli Literature
- ENGL 350 - Modern Jewish Fiction
- ENGL 351 - Jewish American Literature

## Philosophy elective group:

- PHIL 309 - Medieval Islamic Phil & Influe
- PHIL 383 - Spinoza

## Latin American Studies Minor

The Latin American 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 total credit hours are required, as follows

3 hours of the entry core course taught in English from:

- SPAN 353 - Intro Latin American Studies

3 hours of language development selected from:

- SPAN 300 - Advanced Spanish I
- SPAN 301 - Advanced Spanish II
- SPAN 302 - Spanish Conversation
- SPAN 303 - Spanish Composition
- SPAN 304 - Spanish Vocabulary in Context
- SPAN 305 - Readings in Spanish
- SPAN 325 - History of the Spanish Language
- SPAN 326 - Spanish: Applied Linguistics
- SPAN 328 - Phonetics and Dialectology
- SPAN 351 - Latin-American Civilization I

3 hours of Latin American literature selected from:

- SPAN 427 - Spanish-American Lit & Civ I
- SPAN 428 - Spanish-American Lit & Civ II
- SPAN 429 - Spanish-American Lit & Civ III

or

- SPAN 440 - Hispanic Poetry
- SPAN 444 - 19th Century Spanish-Amer Lit
- SPAN 445 - 20th Century Spanish-Amer Lit
  - SPAN 446

3 hours of Latin American history or political science selected from:

- HIST 151 - Latin American History I
- HIST 152 - Latin American History II
  - HIST 327
- HIST 340 - History of Mexico
  - HIST 341
  - HIST 342
  - HIST 343
  - HIST 344

or

- An approved POLI course

3 hours of an approved Theology course.

3 hours of an approved elective from above listed courses or as approved by program director.

Note(s):

- A 2.5 cumulative average must be attained in all these courses.

## **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.

## 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 Calculus III
- 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.

## Media Studies Minor

The media studies minor explores the nature, purpose, and techniques of communication media.

18 total credit hours are required, as follows:

9 hours from:

- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 211 - Media Literacy

6 hours of specific electives (2 courses) selected from:

- COMM 247 - Understanding New Media
- COMM 329 - Audience Survey & Research
- COMM 385 - Media, Democracy & the Public
- COMM 426 - Media Law & Policy

3 hours of electives (1 course) selected from:

- COMM 199-499 (Refer to Course Descriptions).

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Montessori Education Minor

The Montessori Education minor has twelve (12) courses available to all Xavier undergraduates and compatible with any major. The program is designed to provide each student with academic and practicum experiences in the field of teaching young children. The student will receive an American Montessori Credential. This credential will allow the student to teach in **private** Montessori schools in the United States and other countries. Further information about this program can be obtained by calling 513 745-3424.

## Music Performance Minor

23 total credit hours are required, as follows:

11 hours of music courses from:

MUSC 111 - Music: The Art of Listening

- MUSC 200 - Music Theory I
- 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)

**6 hours in an Private Lessons from:**

- MUSC 278-299 (6 semesters at 1 credit each) (Refer to Course Descriptions )

**6 hours in a Large Ensemble from:**

- MUSC 259, 260, 261, 265, 270, 271 (Refer to Course Descriptions )

**Note(s):**

- Attendance at a minimum of 21 recitals (7 each semester of MUSC 199).
- A 2.000 cumulative average must be attained in these courses.
- A student recital (MUSC 450) is optional.

## **Music Studies Minor**

**23 total credit hours are required, as follows:**

**11 hours of music courses from:**

- MUSC 111 - Music: The Art of Listening
- MUSC 200 - Music Theory I
- 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)

## 12 hours of Music electives:

- MUSC 200 and above (Refer to Course Descriptions )

## Note(s):

- Attendance at a minimum of 21 recitals (7 each semester of MUSC 199).
- 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. 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.

## 21 total credits are required, as follows:

### Music Courses:

- MUSC 100 - Basic Music Theory
- MUSC 282 - Private Lesson: Voice

### Dance Courses:

- Four Classes, at least two in the same area
- MUSC 154 - Dance & Movement - Bgnr Tap
- MUSC 155 - Dance & Movement - Bgnr Jazz
- MUSC 156 - Dance & Movement - Adv Tap
- MUSC 157 - Dance & Movement - Adv Jazz
- MUSC 158 - Ballet I
- MUSC 159 - Ballet II
- MUSC 160 - Ballet Intermediate/Advanced

### Music/Theatre Classes:

- MUSC/THTR 219 - American Musical Theater

## Theatre Classes:

- THTR 100 - Introduction to the Theatre
- THTR 120 - Acting I

## Performance Classes:

- Cast in a Musical Production from:
- THTR 199 - Theatre Performance Workshop
- MUSC 340 - Opera Workshop

## Natural Sciences (Pre-Medical) Minor

The Natural 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.

35 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

(or 170 series)

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## 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.

## Philosophy Minor

18 total credit hours are required, as follows:

6 hours of philosophy courses from:

- PHIL 200 - Philosophical Perspectives
- PHIL 340 - Metaphysics

3 hours of a "history of philosophy" elective selected from:

- PHIL 300-309 (Refer to Course Descriptions.)
- PHIL 354 - Classical American Philosophy
- PHIL 362 - Ancient Political Philosophy
- PHIL 363 - Medieval Political Philosophy
- PHIL 364 - Modern Political Philosophy

(or otherwise, as approved by the chair)

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

or

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II

PHYS 173 - Explorations in Physics II

Or any appropriate combination of the above classes.

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

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 - Intro to Digital Media
- COMM 385 - Media, Democracy & the Public

or

- POLI 246 - Mass Media and Politics
  - POLI XXX / COMM XXX - Political Communication Internship (Cross-listed)

## 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 Regime

### 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.

### 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 308 - Rousseau's Human Poli Vision
- POLI 347 - Supreme Ct on Civil Liberties
- POLI 350 - Political Theory & Amer Regime
- POLI 363 - Lincoln & Conditions of Freedo
- POLI 415 - Paris Seminar Political Theory

## Notes:

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.

## Pre-Physical Therapy Minor

33 total credit hours are required, as follows

### Biology:

8 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
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab

## Chemistry:

8 hours of lecture & lab from

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab

## Physics:

8 hours of lecture & lab from

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Athletic Training:

9 hours from

- ATTR 267 - Physiology of Exercise
- ATTR 343 - Therapeutic Modalities
- ATTR 344 - Therapeutic Exercise

## 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:

16 hours required from:

- EDFD 110 - Human Development & Learning
- EDMS 131 - Professional Education
- 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 325 - Meth/Curr/Asmt in Foreign 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
- EDMS 335 - Meth/Curr/Asmt in Ancient Lang

and take

- EDMS 350 - Technology & Topics for Educat
- EDMS 470 - Student Teaching AYA

## 2. Languages (pre-K - 12):

15 hours required, take:

- EDMS 325 - Meth/Curr/Asmt in Foreign Lang or
- EDMS 335 - Meth/Curr/Asmt in Ancient Lang
  
- EDMS 350 - Technology & Topics for Educat
- EDMS 471 - Student Teaching: Multi-Age

## 3. Music (pre-K - 12):

18-20 hours required, take:

- MUSC 221 - Elementary Methods
- MUSC 320 - Instrumental Methods
- MUSC 321 - Choral Methods
- EDMS 350 - Technology & Topics for Educat
- EDMS 471 - Student Teaching: Multi-Age

## 4. Theater (pre K-12):

- THTR 301: Teaching Methods Elementary
- THTR 302: Teaching Methods Secondary

## 5. Visual Art (pre-K - 12):

18 hours required, take:

- ARTS 221 - Early & Middle Childhood Art
- ARTS 223 - Secondary School Art
- EDMS 350 - Technology & Topics for Educat
- EDMS 471 - Student Teaching: Multi-Age

## 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:

### 12 hours of required courses from:

- PSYC 101 - General Psychology
- PSYC 210 - Statistical Techniques
  
- PSYC 221 - Research Meth & Design I and
- PSYC 223 - Research Meth & Design I Lab
  
- PSYC 261 - Social Psychology

### 3 hours from either:

- PSYC 231 - Developmental Psychology
- PSYC 277 - Abnormal Psychology

### 3 hours of approved electives including, but not limited to:

- PSYC 222 - Research Meth & Design II and
- PSYC 224 - Research Meth & Design II Lab
  
- PSYC 231 - Developmental Psychology or
- PSYC 277 - Abnormal Psychology
  
- PSYC 233 - Adolescent Psychology
- PSYC 245 - Psyc of Cultural Differences
- PSYC 301 - History&Systems of Psychology
- PSYC 310 - Marriage and the Family
- PSYC 321 - Industrial-Organizational Psyc
- PSYC 353 - Violence Against Women & Girls
- PSYC 365 - Psychology of Women
- PSYC 366 - Crime & Personality
- PSYC 367 - Psychology of Aging
- PSYC 370 - Human Sexuality
- PSYC 375 - Drugs in Society
- PSYC 379 - Psyc and Achievement Testing
- PSYC 426 - Physiological Psychology
- PSYC 427 - Cognitive Psychology
- PSYC 477 - Sports Psychology

Consult with advisor for guidance.

## Note(s):

- A 2.000 cumulative average must be attained 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 - Jr Sem: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.

18 total credit hours are required, as follows:

9 hours of required courses from:

- EDFD 110 - Human Development & Learning or
- PSYC 231 - Developmental Psychology
  
- THEO 338 - Religious Ed & Youth Ministry
- EDMS 350 - Technology & Topics for Educat

9 hours of student teaching from:

- EDMS 470 - Student Teaching AYA

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.

## **Sociology Minor**

15 credit hours are required, as follows:

9 hours from:

- SOCI 101 - Introduction to Sociology
- 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**

15 credit hours of upper-division Spanish are required:

3 hours of language from:

- SPAN 300 - Advanced Spanish I or

- SPAN 301 - Advanced Spanish II

### 3 hours of culture from:

- SPAN 302 - SPAN 305

### 3 hours of electives from:

- SPAN 302 - SPAN 306 (Refer to Course Descriptions)

### 3 hours of civilization courses:

- SPAN 350 - Spanish Civilization
- SPAN 351 - Latin-American Civilization I
- SPAN 352 - Latin Amer Trad & Pop Cult
- SPAN 328 - Phonetics and Dialectology

### 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 - Human Development & Learning
- 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 - Human Development & Learning
- 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 Elective

Special Education Electives available for the Disability Track include the following courses:

- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 362 - M/M Support Services

## 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
  - MACS 201 - Actuarial Mathematics
- ECON 350 - Business Cycles & Forecasting
- INFO 329 - Data Mining
  - A course approved by the department and selected under the guidance of a faculty advisor.

### 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:

12 hours specifically required:

- SHRM 200 - Human Resources In a Diverse S
- SHRM 345 - Compensation
- SHRM 360 - Staffing

- SHRM 370 - Training and Development

3 hours from electives:

- SHRM 303 - Human Resources Internship I or
- SHRM 403 - Human Resources Internship II
  
- SHRM 302 - Labor Relations
- SHRM 309 - Change Management
- SHRM 325 - International Human Resources
- SHRM 404 - Advanced Topics In SHRM
- SHRM 495 - SHRM Capstone

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

3 hours of Studio elective, selected from:

- ARTS 102 - Drawing I
- ARTS 103 - Painting I
- ARTS 104 - Printmaking I

ARTS 105 - Three-Dimensional Design

- ARTS 106 - Fiber Arts I
- ARTS 107 - Sculpture I
- ARTS 108 - Photography I
- ARTS 109 - Ceramics I
- ARTS 142 - Graphic Design I

3 hours of Advanced Studio elective, selected from:

- 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 242 - Graphic Design II

6 hours of art elective courses providing a thorough investigation of any studio art discipline, or art history.

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.

## **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 - The Christian Tradition I or
- THEO 210 - The Christian Tradition II
- THEO 303 - Christian Ethics: Methods & Q

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.

## **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 305 - Professional Writing
- ENGL 307 - Writing Internship
- ENGL 309 - Creative Writing: Poetry
- ENGL 310 - Creative Writing: Fiction
- ENGL 314 - Writing Journals&Autobiography
- ENGL 315 - Composition Tutoring
- ENGL 318 - Creative Nonfiction

## 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.

## Certificate in Pre-Professional Health Studies

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.

## MRI Certificate Program

## Magnetic Resonance Imaging (MRI) Program

The program provides comprehensive didactic and clinical education in Magnetic Resonance Imaging with graduates meeting the eligibility requirements for the ARRT's post-primary exam in MRI. **Candidates must be graduates or pending graduates from a JRCERT accredited program in Radiography.** In addition, candidates must be registered by the ARRT by the beginning of the Spring semester.

Students have two options to continue their studies in MRI:

1. Bachelor of Liberal Arts with a MRI concentration – Students would complete the required general core courses in addition to the required MRI didactic/clinical courses for a total of 120 credit hours. Depending on the amount of transfer credit hours and the additional core courses taken during each semester, this option may take longer than the traditional two years. At the completion of the course of studies, students will receive their bachelor's degree and be eligible to apply to sit for the ARRT advanced registry examination for MRI. **OR**
2. MRI Certificate Program – The applicant must be a graduate of an accredited radiologic technology program to be accepted into the MRI program. College credit hours will be awarded for the MRI didactic and clinical courses following successful completion of each course. At the completion of the program (17 credit hours), students will receive a certificate of completion and be eligible to apply to sit for the ARRT examination for MRI. Students would be able to apply these course credit hours towards the Bachelor Degree of Liberal Arts in the future.

## Note(s):

- A grade of "C-" or better must be attained in all RADT courses.
- Courses with prerequisites cannot be taken until the prerequisite courses have been successfully completed with a grade of "C-" or better.
- All students must present evidence of the following **prior to entrance in all clinical courses:**
  1. Liability insurance (\$2,000,000/\$4,000,000), purchased through the University and billed to student's account.
  2. Health history and required physical examination form
  3. MMR immunization
  4. Yearly tuberculosis skin test (two-step)
  5. Hepatitis B series
  6. Proof of current health care coverage
  7. Verification of history of varicella (chicken pox)
  8. Tetanus-Diphtheria-Acellular Pertussia (Tdap)
  9. CPR certification
- Students are responsible for these expenses as well as for uniforms, and transportation costs to the clinical sites. Students must provide their own transportation between campus and clinical sites.

## August - Pre-Semester

- RADT 300 - Introduction to MRI (This course must be completed with a "C-" or better before entering the Fall Semester and the clinical aspects of the program.)

Total (1)

## Fall Semester: Begins with the regular Fall Semester

- RADT 310 - MRI Imaging Procedures
- RADT 311 - MRI Practicum I
- RADT 320 - Physical Principles of MRI I
- RADT 330 - Advance Sectional Anatomy

Total (8)

## Spring Semester

- RADT 313 - MRI Practicum II
- RADT 321 - Physical Principles of MRI II
- RADT 340 - MRI Pathology
- RADT 350 - Management of a MRI Center

Total (8)

Total of 17 credit hours

### NOTE:

A grade of "C-" or higher must be attained in all MRI courses in order to advance to the next semester.

## Teaching English to Speakers of Other Languages Certificate

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. This program offers the necessary knowledge needed to work with English Language Learners and obtain a TESOL certificate. Eligibility for the TESOL certificate requires an undergraduate degree and acceptance into the Xavier graduate certificate program. Xavier University's TESOL certificate includes 18 graduate credit hours and requires 45 documented field hours.

## Curriculum

The following courses are required for the certificate.

- EDRE 569 - Phonics & Found of Literacy
- EDEL 650 - Foundations of TESOL
- EDEL 651 - Instr Strat For Engl Lang Lear
- EDEL 652 - Culturally Responsive Teaching
- EDEL 653 - Effective Assessment Pract
- EDEL 654 - Aspects of Language and Socio

## Post Master's Certificate

### Clinical Nurse Leader Post-Master's Certificate

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)

## **Requirements for Post Master's Certificate in Clinical Nurse Leader:**

- NURS 556 - Introduction to CNL for RNs
- NURS 602 - Applying CNL Concepts to RNs
- NURS 658 - Clinical Pharmacology
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN
- NURS 853 - Ldrshp Practicum For RNs

### **Note(s):**

- A total of 21 credit hours is required, with a minimum overall cumulative GPA of 3.000.

## **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)

## Pre-requisite courses for FNP core courses:

## Nurse Practitioner Core

(9 semester hours)

- NURS 658 - Clinical Pharmacology
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN

- Individuals who have completed the required nurse practitioner core courses are eligible to enroll in the family nurse practitioner core courses.

## Family Nurse Practitioner Core

(19 semester hours)

- NURS 770 - Primary Care Fam Pract Role
  - NURS 771 - Childbearing Family Care Practicum
- NURS 772 - Childbearing Family Care
  - NURS 773 - Pediatric and Adolescent Family Care Practicum
  - NURS 774 - Pediatric and Adolescent Family Care
- NURS 775 - Adult & Geriatric Fam Care Pra
- NURS 776 - Adult & Geriatric Family Care
- NURS 777 - FNP In Practice
  - NURS 778 - FNP Integration Synthesis Seminar

## Note(s):

Each practicum credit hour is eight clinical hours: 1:8. The total number of practicum hours required for the FNP is 600.

## 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

### 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

EDEL 550 and EDEL 551 are prerequisites for the subsequent classes.

- EDEL 552 - Trigonometry, Algebra and Geometry II (15 field hours)
- EDEL 553 - Geometry, Measurement and Probability (15 field hours)
- EDEL 554 - Number Theory for Teachers (15 field hours)
- EDEL 555 - Mathematics Specialist Practicum (15 field hours)
- EDEL 556 - Algebra and Geometry for Teachers III (15 field hours)
- EDEL 557 - Statistics, Action Research & Inquiry into Effective Practices (15 field hours)

## Generalist Endorsement for Grades 4-5

### Generalist Endorsement for Grades 4-5

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 .

- EDEL 440 Middle Childhood Transitions: Development and Management (1)
- EDEL 441 Mathematics Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 442 Science Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 443 Language Arts Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 444 Social Studies Content, Pedagogy, and Assessment Grades 4-5 (2)

## Middle Childhood Generalist Endorsement

### Middle Childhood Generalist Endorsement

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

## Ohio Licensure Generalist Endorsement Grades 4-5

### Reading Endorsement (K-12)

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 Diagnosis/Correct of Read Disa (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 Lit for Early Child (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>.

Individuals who successfully complete a Praxis Series Test required for licensure prior to September 1, 2013, may use the test results to satisfy the licensure testing requirements at the time license is sought.

#### **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.

## **Teaching English to Speakers of Other Languages Endorsement (K-12) - TESOL**

The Teaching of English to Speakers of Other Languages (TESOL) Endorsement (K-12) coursework at Xavier University is an 18 graduate credit hour program. In addition to courses, 45 hours of documented field hours are required. Field hours are distributed across grade levels and are documented on XU time sheets and signed by the supervising teacher or principal. Three semester hours of an approved phonics course from undergraduate studies can be applied toward the endorsement. Transcript reviews are completed for each students to determine course requirements.

TESOL Endorsement (K-12) Course Requirements. Field hours are distributed across coursework:

- EDRE 269/EDRE 569 Phonics & Found of Literacy (3 credit hours) (15 field hours)
- EDEL 650 - Foundations of TESOL (3 credit hours) (10 field hours)
- EDEL 651 - Instructional Strategies for English Language Learners (ELL) (3 credit hours) (10 field hours)
- EDEL 652 - Culturally Responsive Teaching (3 credit hours) (3 field hours)
- EDRE 653 - Effective Assessment Practices for English Language Learners (3 credit hours) (7 field hours) (Pre-requisite EDRE 269/569 and EDEL 650)
- EDEL 654 - Aspects of Language and Sociolinguistics (3 credit hours)
- Pass the OAE English to Speakers of Other Languages/021. For additional information, please visit <http://www.oh.nesinc.com>

Students may pursue a Master's degree in addition to the endorsement. The Master's degree requires 30 graduate credit hours. Students take 12 more hours: nine hours of professional foundation courses and three elective credit hours to complete the degree.

#### **Application Process:**

**If you are pursuing a TESOL endorsement only, the following documents are required:**

- Xavier graduate application
- Official copy of college transcripts
- A copy of your teaching license

For candidates pursuing the M.Ed. degree:

- The 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 TESOL endorsement.

## License

# Early Childhood Education

## 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 Credential, ages 2.5 to 6, or ages 6 to 9, or ages 6 to 12

### 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

### 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.

# 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 early childhood, 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 (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 2.7 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.

## **Non-Degree**

### **Pre-MBA Studies Plan**

This plan satisfies the foundation courses required for the Xavier evening and weekend M.B.A. 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.

#### **Requirements for Pre-MBA Studies Plan:**

Plan is 9 hours.



## Required courses include:

- ACCT 200 - Introductory Financial Acct
- STAT 210 - Statistics For Business I
- STAT 211 - Statistics For Business II

## 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.
- At least half of the credit hours must be taken at Xavier.

## Other Programs

### Air Force 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.

## Business Scholars & University Scholars Program

Business students in the University Scholars program may also elect to participate in the Business Scholars Program. The program provides advanced coursework in economics, finance, management and business law.

Like the University Scholars program, students take specific classes - designated as "*honors*" sections-in the business curriculum. The classes fulfill classes required of all business majors. Honors courses are smaller in size and focus more attention on in-depth analysis, critical thinking, discussion and writing. Business scholars follow the same curriculum guidelines as all other University Scholars.

Beyond that, business scholars must take four business courses at honors level. Many of the business honors sections will also serve as Honors Seminars, another requirement in the University Scholars program.

## Requirements for Business Scholars Program

Students must complete all University Scholars requirements, plus:

1. Micro- or Macroeconomic Principles (ECON 200 and/or ECON 201) at honors level.
2. Managerial Behavior (MGMT 300) at honors level (seminar course).
3. Business Finance (FINC 300) at honors level (seminar course).
4. Legal Environment (BLAW 300) at honors level (seminar course and E/RS Focus Elective).

## Business Scholars/University Scholars Program

### Freshman Year

### First Semester

- MATH 150 - Elements of Calculus I -Honors
  - History I Elective \* (3)
- ENGL 115 - Rhetoric -Honors

- Foreign Language I \*\* (3)
- THEO 111 - Theological Foundations -Honors
- BUAD 101 - The Business Profession I

Total (15)

## Second Semester

- STAT 210 - Statistics For Business I
  - History II Elective \* (3)
- MKTG 300 - Principles of Marketing
  - Foreign Language II \*\* (3)
- PHIL 100 - Ethics as Intro to Philosophy
- BUAD 102 - The Business Profession I
- INFO 120 - Introduction to Business Tech

Total (16)

## Sophomore Year

### First Semester

- STAT 211 - Statistics For Business II
- ACCT 200 - Introductory Financial Acct
- ECON 200 - Microeconomic Principles \*
  - Literature Elective SEM (3)
- INFO 220 - Mgmnt of Info Tech
- BUAD 201 - The Business Profession II

Total (15)

### Second Semester

- SHRM 200 - Human Resources In a Diverse S<sub>EPU</sub>
- ACCT 201 - Introductory Managerial Acct
- ECON 201 - Macroeconomic Principles
- PHIL 290 - Theory of Knowledge
- MGMT 300 - Managerial Behavior -Honors
- BUAD 202 - The Business Profession II

Total (15)

## Junior Year

### First Semester

- ECON 300 - Int'l Trade & Bus Environment
  - Science Elective-Honors (major level) (3)
  - MAJOR (3)
- MGMT 301 - Managerial Communications
- ENGL 205 - Literature & Moral Imagination
  - Theo Scrip/Hist or Christ Sys Elect<sub>SEM</sub> (3)
- BUAD 301 - The Business Profession III

Total (17)

### Second Semester

- MAJOR (3)
- Science Elective I (4)
- BLAW 300 - Legal Environment<sub>SEM</sub> \*\*\*
- MGMT 302 - Quality & Product in Operation
- FINC 300 - Business Finance -Honors
- BUAD 302 - The Business Profession III

Total (16)

## Senior Year

### First Semester

- MAJOR (3)
- MAJOR (3)
- Bus Elective-Honors or Cooperative Ed (3)
- Science Elective (3)
- Theology Ethics or Rel/Cult Elective SEM (3)
- BUAD 401 - The Business Profession IV

Total (15)

### Second Semester

- MAJOR (3)
- MAJOR (3)
- Gen Elect(or ACCT Elect for ACCT majors) (3)
- Fine Arts Elective \*\*\*\* (3)
- Philosophy Elective SEM (3)
- BUAD 402 - The Business Profession IV

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- \* Scholars must take one history course at honors level. Scholars must also take either ECON 200 or ECON 201 at honors level.
  - Beyond THEO 111 and PHIL 100, scholars must also take one course in either area at honors level.
  - Student must take either STAT 210 or second science elective at honors or major level.

- \*\* Students must demonstrate intermediate foreign/second language proficiency (202 level or above).
- \*\*\* BLAW 300 at honors level also fulfills E/RS Focus Elective requirement.
- \*\*\*\* Students must complete a studio or performance course for the fine arts elective.
- EPU SHRM 200 fulfills the Cultural Diversity Elective. (Business scholars need not take an additional E Pluribus Unum course).
- SEM Possible Seminar Elective. Students must complete a minimum of three seminars.

Freshman Year	31 hours
Sophomore Year	30 hours
Junior Year	33 hours
Senior Year	30 hours
Total Hours	124 credit hours

## English as a Second Language Program (ESL)

The Intensive English program offers language instruction for international students who have the goal of entering American colleges and universities or improving their ability to use English for professional purposes. The program is accredited by the Commission for English Language Program Accreditation (CEA), and it holds membership in the American Association of Intensive English Programs (AAIEP). ESL students at Xavier University receive instruction in English language and academic skills, including grammar, reading, composition, listening and pronunciation. In addition, optional electives such as speaking, TOEFL preparation, and oral fluency are available on a rotating basis. Please note that admission to the ESL program does not guarantee admission to a degree program at Xavier University; a separate application must be made for a degree program.

### Levels of Instruction

The program offers four levels of instruction: beginning, intermediate, high intermediate and advanced. The instructional methodology at each level is geared toward preparing students for academic study through an integrated, content-based approach. Courses (except at the beginning level) are given some academic credit toward an undergraduate degree.

### Calendar

The program is offered three semesters each year: Fall (late August to mid-December - 16 weeks), Spring (mid-January to early May -16 weeks), and Summer (mid-May to early August - 12 weeks). To provide flexibility in student placement and instruction, the Fall and Spring semesters are divided into two half-terms. If space is available, students may enter the program at mid-term.

### Admission

Admission to the intensive English program is not based on usual University requirements, although students must have completed high school before entering the program. Applicants who want to pursue a Xavier academic degree must make a separate application as an undergraduate or graduate student. Enrolled ESL students who are qualified to be admitted but lack the necessary English proficiency may enroll in a special conditional "bridge" level, which is a combination of advanced ESL courses and selected undergraduate courses. A brochure is available upon request.

## English as a Second Language (ESL) Bridge Program

### The English Language Bridge Program

The English Language Bridge program at Xavier University is a full-time program for international students that combines Intensive English (ESL) classes with carefully selected undergraduate classes that develop academic skills in the future field of study. The purpose of the program is to help international students successfully transition between fulltime English language study and an academic degree program, either at the undergraduate or master's level. The Bridge program follows the regular university calendar, and may be one semester or two semesters in length, depending upon student achievement in meeting requirements to matriculate.

### English Language Bridge Program Eligibility

1. Students enrolling in the program must demonstrate the ability to use English in academic settings, either through previous English language coursework at Xavier University, or through scores on standardized English exams.

2. Students must have successfully completed high school (or previous university-level courses). Conditionally admitted students may apply for the Bridge program.

Contact the Office of Admission or the Intensive English Program for specific criteria for these two components.

## Matriculation

Students enrolled in the English Language Bridge program who successfully complete ESLG 130 and ESLG 133 (with a grade of B or higher) and who successfully complete the academic courses from the Bridge Program are eligible for final admission to a full-time degree program.

## 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) Professional Practice (Ethics, Spirituality, and Professional Practice, or ESSP), (2) Solidarity and Sustainability in a Global Context (SSGC), and (3) Pastoral Care (Applied Spirituality and Pastoral Care, or ASPC). 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.

### MA in Theology ISSJ Tracks:

#### Ethics, Spirituality and Professional Practice (36 credit hours)

The Professional Practice track is designed for professionals in business and non-profit communities interested in developing deeper spiritual understanding as well as practical skills for competent, ethical and theologically informed professional practices. This track is also appropriate for students interested in careers in the management and administration of churches and church-related organizations and corporations such as dioceses and social ministries.

The Professional Practice track combines theory and practice, building on the traditions of spiritual discernment (Ignatian and others), theological reflection and purposeful action. It develops adult learners as knowledgeable, thoughtful and responsible professionals who improve their work environments and society as a whole. Students learn to respond to challenging situations presented in their professional environments in ethically and spiritually responsible ways.

The program presumes a pluralistic religious environment in the workplace, emphasizing ways to understand, recognize, negotiate and celebrate interfaith relationships. It also reflects Xavier's mission to educate students to serve with excellence and ethical integrity in professional fields and to work for social and economic justice.

The goals of the program are:

- To improve understanding of the Christian spiritual, theological and ethical tradition in dialogue with contemporary challenges of religious traditions.
- To prepare professionals with a sound knowledge of ethical traditions and a commitment to bringing social-ethical perspectives to business and service environments.
- To facilitate the spiritual and theological formation necessary for professionals to integrate professional expertise with competent, ethical, and spiritually informed management practices.

#### Solidarity and Sustainability in a Global Context (36 credit hours)



The Solidarity and Sustainability track revolves around the typical definition of sustainability as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

This track integrates questions of economic, social and environmental sustainability with the spiritual traditions that engage human potential. Ethical issues are regularly examined, including social justice questions related to distribution of resources, and the need for communal and environmental stewardship in a variety of ways, including the kinds of personal and social transformation that stem from a "change of heart."

Goals of the program include:

- To form an awareness of the current issues of economic and environmental sustainability.
- To develop an appreciation of the complexity and interrelatedness of the global issues that impact economic and environmental sustainability.
- To develop an appreciation of the cultural and historical underpinnings of religious traditions and to learn from other religious traditions in order to deepen one's life and contribution to the world.
- To acquire an ability to discriminate between the peaceful practices and the violent habits within religious traditions and to strengthen the recognition of the diversity of the human drives, seeking meaning within and beyond established religion.
- To engender habits of responsible collaborative action grounded in critical theological reflection and ethical discernment, and to invite others to engage in similar reflection and action.

## Applied Spirituality and Pastoral Care (39 credit hours)

The Applied Spirituality and Pastoral Care track is oriented to human growth and is thus appropriate for all seekers, but it is also specifically helpful to those preparing for professional practice in varieties of pastoral care including chaplaincy, education, campus ministry, youth ministry and varieties of social ministries.

The track explores the richness of Christian spirituality as a way of life oriented to the intellectual, affective, humane and relational qualities of human existence that make life meaningful and worthwhile. It prepares students to engage pastoral work in pluralistic contexts, since their social and pastoral ministries require cultural sensitivities, practical skills and a capacity to connect across religious traditions, with openness and respect.

Through the track, students:

- Gain knowledge about the tradition of Christian spirituality as a resource for theological imagination, personal and communal identity, and personal development.
- Gain an understanding of spiritual practices that promote personal growth, health and well-being, and share those spiritual practices with others in ways that are sensitive to and respect our pluralistic cultural context.
- Gain the skills necessary to engage pastoral practice with clarity about how spiritual growth and spiritual practice enhances their effectiveness and their longevity as pastoral caregivers.

## 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-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 successful 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 Chemical Science, or BS in Natural 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
- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
  
- MATH 150 - Elements of Calculus I or
- MATH 170 - Calculus I
  
- PSYC 101 - General Psychology
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar

Total (17/18)

## Second Semester

- CHEM 162 - General Chemistry II
  - CHEM 163 - General Chemistry II Lab
  - BIOL 162 - General Biology II
  - BIOL 163 - General Biology II Lab
  
  - MATH 151 - Elements of Calculus II or
  - MATH 171 - Calculus II
  
  - ENGL 101 - English Composition or
  - ENGL 115 - Rhetoric
  
  - THEO 111 - Theological Foundations
- or
- CORE 100 - First Year Seminar

Total (17/18)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
  
- MATH 156 - General Statistics or
- MATH 116 - Elementary Statistics
  
- PHIL 100 - Ethics as Intro to Philosophy
  - Historical Perspectives

Total (17)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- BIOL 200 - Microbiology
- ECON 200 - Microeconomic Principles
  - Creative Perspectives

Total (17)

## Study Abroad

Please see Study Abroad under "Additional Resources for Students."

## The Academic Service Learning Semester

Please see The Academic Service Learning Semesters under

Services and Resources for Students

## 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, Arts & Innovation, Biology, Chemistry, Classics & Modern Languages, Communication Arts, Computer Science, English, History, Mathematics, Music and Theatre, Philosophy, Physics, Political Science, Sociology, and Theology.

Graduate degrees are offered in the departments of English and Theology.

## Art

The Department of Art offers two degrees, the Bachelor of Arts 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.

## 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.
- A minimum of 122 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:

- 10 credit hours in foundation requirements
- 21 credit hours in BA specific areas
- 9 credit hours in Art History
- 9 credit hours senior seminar and concentration
- 3 elective credit hours
- 3 credit hours Internship

### 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

### 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.
- A minimum of 124 credit hours is required for this degree.
- Diversity Curriculum Requirement (DCR) 6 credits (2 courses given DCR status must be taken)
- Consider a "Certificate of Applied Computation"

(10 credits: CSCI 170, CSCI 180, CSCI 220, CSCI 290)

- Consider an Advertising minor (18 credits):

COMM 206, COMM 211, COMM 230, COMM 329, COMM 430,

plus 3 credit hours from the following:

COMM 235, COMM 237, COMM 264, COMM 332 or COMM 334)

## 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.

## 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.
- A minimum of 134 credit hours is required for this degree.

## Minors

### Art History Minor

18 total credit hours are required, as follows

15 hours required in art courses:

- ARTS 270 - History of Art I
- ARTS 271 - History of Art II
- ARTS 272 - Art of the 20th Century
- ARTS 273 - History of American Art
- ARTS 274 - Women, Art & Society

3 hours of art electives (either studio or more art history)



## 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.

## 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

3 hours of Studio elective, selected from:

- ARTS 102 - Drawing I
- ARTS 103 - Painting I
- ARTS 104 - Printmaking I
- ARTS 105 - Three-Dimensional Design
- ARTS 106 - Fiber Arts I
- ARTS 107 - Sculpture I
- ARTS 108 - Photography I
- ARTS 109 - Ceramics I
- ARTS 142 - Graphic Design I

3 hours of Advanced Studio elective, selected from:

- 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 242 - Graphic Design II

6 hours of art elective courses providing a thorough investigation of any studio art discipline, or art history.

### 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.

## School of Arts and Innovation

The School of Arts and Innovation (SAI) is housed within the College of Arts and Sciences. The school includes the departments and faculties of Art, Digital Innovation, Film and Television (DIFT), Human Centered Making, the Innovation Minor, Music, and Theatre.

One of the main purposes of the school is to teach students to solve problems using creative and innovative processes and techniques. Students will synthesize what they learn in this flexible program into a unique hybrid of abilities. Programs in the School will target existing careers in innovation and develop new skill sets that will have unique value. Students will learn to apply their knowledge to community-based projects. Both logic and creative processes will be taught as means to innovate and collaborate among students, faculty, and colleges. Entities outside Xavier provide a key partnership role.

### Bachelor of Arts

### 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 and Tech Post-Prod
  - DIFT 250 - Screenwriting and Story Craft
  - DIFT 254 - Intro To Video Production
  - DIFT 354 - Field Prod and Story Telling
  - DIFT 459 - SR Sem-Elect Media: Adv Prod
  - DIFT 460 - Sr Sem Elec Media Adv II

## 6 hours of Elective A

Select 2 courses from:

- ARTS 215 - Web Design
- COMM 237 - Elements of Copy & Design
  - DIFT 340 - Audio Production and Technology
  - DIFT 355 - Documentary Field 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
- MUSC 304 - Producing Electronic Music I
- THTR 120 - Acting I
  - THTR 331 - Lighting Design

## 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

- DIFT 455 - Special Projects in DIFT
- 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 (DCR elec.)
- 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.

## Bachelor of Science

### Human-Centered Making, B.S.

The B.S. in Human-Centered Making is for students whose desire to create spans the range from digital applications to digital and physical fabrication and particularly includes the mixture of physical and digital creation. Most importantly, Human-Centered Making is for students who want to put people at the center of what they create. The program develops student skills in design thinking applied to fabrication, computation and user experience. Human-Centered Making emphasizes the process of creating physical and software artifacts for and with a community by embedding community-engaged learning throughout the curriculum.

The major is embedded in the liberal arts by intentional analysis and reflection in the science, mathematics, philosophy, history, art, and theology courses taken

by the students. The combination of community, creation, and critical thinking encourages Ignatian values of service, discernment, and reflection.

In an era when mass production and technology threaten to disconnect us from each other and the natural world, the act of creating helps reconnect abstract notions with physical realities, whether those realities are about the sustainability of materials used or the meaning of the data being analyzed to understand a community.

## Requirements for the Human-Centered Making Major

### Core Curriculum Requirements

See Undergraduate Core Curriculum

### Major Requirements

54 Hours, including

#### Required Human-Centered Making courses (27 Hours)

- MAKE 101 Introduction to Making
- MAKE 102 Making the User Experience
- MAKE 201 Objects of Digital Fabrication
- MAKE 202 Digital Object Modeling II
- MAKE 301 Human-Centered Project Development
- MAKE 302 Advanced Methods for Making
- MAKE 310 Materials and Processes
- MAKE 401 Formal Models and Metrics for Making
- MAKE 402 Thesis Project [Capstone]

#### Required ARTS courses (9 hours):

- ARTS 101 - Two-Dimensional Design
- ARTS 102 - Drawing I
- ARTS 105 - Three-Dimensional Design

#### Required MATH courses (6 hours):

- MATH 156 - General Statistics
- MATH 158 - General Statistics II

#### Major Elective courses (12 hours):

These courses are drawn from any elective course in Human-Centered Making, CSCI 220 Data Structures, MATH 225 , any 300-level elective in computer science, any approved ARTS course, INFO 328 Database Management, INFO 329 Data Mining, INFO 358 Data Modeling and Management, INFO 389 Business Intelligence, or other approved course. Students choose a focus area during their second year that directs their choice of electives and possibly particular core course choices.

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

### B.S. Human-Centered Making

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
- ARTS 102 - Drawing I
  - MAKE 101 - Introduction to Making
  - Foreign Language I
  - CORE 100 - First Year Seminar

##### Second Semester

- CSCI 170 - Computer Science I
- ENGL 101 - English Composition
- THEO 111 - Theological Foundations
  - MAKE 102 - Making the User Experience
  - Foreign Language II

#### Sophomore Year

##### First Semester

- ARTS 101 - Two-Dimensional Design
- MATH 156 - General Statistics
  - MAKE 201 - Objects of Digital Fabrication
  - Historical Perspectives
  - Scientific Perspectives

##### Second Semester



- ENGL 205 - Literature & Moral Imagination
- ARTS 105 - Three-Dimensional Design
- MATH 158 - General Statistics II
  - MAKE 202 - Digital Object Modeling II
  - Theological Perspectives

## Junior Year

### First Semester

- MAKE 301 - Human-Centered Project Development
- Philosophical Perspectives
- Human-Centered Making Elective
- General Elective
- Natural Science Elective

### Second Semester

- MAKE 302 - Junior Project
- Humanities Elective
- Ethics/Religion & Society
- General Elective
- General Elective
- General Elective

## Senior Year

### First Semester

- MAKE 401 - Formal Models & Metrics for Making
- Human-Centered Making Elective
- Social Science Elective
- General Elective
- General Elective

### Second Semester

- MAKE 402 - Thesis Project
- General Elective
- General Elective
- General Elective
- General Elective

## Minors

## 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 250 - Screenwriting and Story Craft
- DIFT 254 - Intro To Video Production
- DIFT 215 - Aesthetics and Tech Post-Prod

6 hours of electives (2 courses) selected from:

- COMM 209 - Group Dynamics
- COMM 211 - Media Literacy
- COMM 426 - Media Law and Policy
- DIFT 210 - Art of Film
- DIFT 214 - Film Criticism
- DIFT Non-Fiction Film
- DIFT - The Horror Film
- DIFT - 354 - Field Prod and Story Telling
- DIFT - 451 - Introduction to Video Graphics
- MUSIC - 106 Music in Film

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## 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. Innovation is a university-wide program combining courses from the School of Arts and Innovation and the Department of Management and Entrepreneurship. 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 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 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

## 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 Natural 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 Natural Sciences
- The Minor in Pre-Physical Therapy
- The Minor in Environmental Studies

## Bachelor of Science

## Applied Biology, B.S.

# Xavier University - Duke University Cooperative Forestry and Environmental Management Programs

This program is designed to coordinate the education of undergraduate students at Xavier with graduate programs in the Duke University School of the Environment. 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.

## Requirements for the Applied Biology Major

### Core Curriculum Requirements:

48-63 Credit Hours dependent on courses taken, including

### Mathematical Perspectives:

- MATH 140/150

### Scientific Perspectives, Natural Science Elective, Oral Communication and Written Communication Flags:

- Included within the major

### 3 hours of Social Sciences, including:

- ECON 320 - Natural Resource Economics

## Major Requirements:

45 credit hours, as follows

### 29 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 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
  - BIOL 299 - Introduction to Research Methods in Biology
- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
- BIOL 398 - SEM: Environmental Studies
- BIOL 496 - Senior Capstone Seminar
- BIOL 497 - Experimental Biology Lab
- BIOL 498 - Methods of Biol Research I
- BIOL 499 - Methods of Biol Research II

### 16 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

### 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. Applied 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
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar
  - 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
- ECON 200 - Microeconomic Principles
  - CORE 102 - GOA
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar

Total (17)

## Sophomore Year

### First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
  - MATH 140/150
  - Second Language I
  - Historical Perspectives
  - Creative Perspectives

Total (16)

## Second Semester

- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
  - BIOL 299 - Introduction to Research Methods in Biology
- ECON 320 - Natural Resource Economics
- ENGL 205 - Literature & Moral Imagination
  - Second Language II

Total (16)

## Junior Year

### First Semester

- BIOL 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 497 - Experimental Biology Lab

or

- BIOL 498 - Methods of Biol Research I
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
  - Philosophical Perspectives
- MATH 156 - General Statistics

Total (15-17)

### Second Semester

- BIOL 496 - Senior Capstone Seminar

or

- BIOL 499 - Methods of Biol Research II
- BIOL 398 - SEM: Environmental Studies
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
  - Humanities Elective
  - Theological Perspectives Elective
  - Social Science Elective (DCR)

Total (16-18)

## Senior Year

During the junior year the student applies for admission to Duke University. The BS Applied Biology 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.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## 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:



48-63 Credit Hours dependent on courses taken, including

### Mathematical Perspectives:

- MATH 140/150 or
- MATH 170 - Calculus I

and

- MATH 156 - General Statistics

### 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:

39 credit hours, as follows

#### 22 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
  - BIOL 299 - Introduction to Research Methods in Biology
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- 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

### 6 electives from:

- BIOL 210-495 (Refer to Course Descriptions), including

### At least one course from:

- BIOL 222 - Immunology
- BIOL 360 - Cell Biology
- BIOL 364 - Virology
- BIOL 440 - Biochemistry
- BIOL 460 - Developmental Biology and
- BIOL 461 - Developmental Biology Lab

### At least one course from:

- BIOL 240 - Evolution
- BIOL 244 - Animal Behavior
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 255 - Tropical Ecology
- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab

### And one of the three lecture/ lab combinations from:

- BIOL 210 - General Botany and
- BIOL 211 - General Botany Lab

or

- BIOL 270 - Introduction To Entomology

and

- BIOL 271 - Introduction To Entomology Lab

or

- BIOL 450 - General Microbiology and
- BIOL 451 - General Microbiology Lab

### Note(s):

- A 2.000 cumulative average must be attained in the 36 hours of biology courses.
- Up to 4 hours of independent study (either BIOL 290 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 101 - GOA
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar

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

or

- CORE 100 - First Year Seminar

Total (14)

## Sophomore Year

### First Semester

- PHIL 200 - Philosophical Perspectives Elective
- Second Language I
- Social Science Elective \*\*\*
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 150 - Elements of Calculus I

Total (16)

### Second Semester

- BIOL 299 - Introduction to Research Methods in Biology
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
  - Second Language II
  - Theological Perspectives Elective
  - Historical Perspectives

Total (16)

## Junior Year

## First Semester

- BIOL Elective \* (3-5)
- Historical Perspectives Elective
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- PHYS 160 - College Physics I \*\*\*
- PHYS 161 - Introductory Physics Lab I
- MATH 156 - General Statistics

Total (15-17)

## Second Semester

- BIOL Elective \* (3-4)
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- PHYS 162 - College Physics II \*\*\*
- PHYS 163 - Introductory Physics Lab II
  - Creative Perspectives Elective
  - General Elective

Total (17-18)

## Senior Year

### First Semester

- BIOL 497 - Experimental Biology Lab
- or
- BIOL 498 - Methods of Biol Research I
  - BIOL Elective \* (3-4)
- ENGL 205 - Literature & Moral Imagination
  - Diversity Curriculum Requirement \*\*
  - General Electives

## Total (13-15)

## Second Semester

- BIOL 496 - Senior Capstone Seminar
- or
- BIOL 499 - Methods of Biol Research II
  - BIOL Electives \* (5)
  - E/RS Focus Elective\*\*
  - Humanities Elective
  - General Elective

## Total (15-16)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- FRESHMAN YEAR: ALTERNATIVE COURSES: CAN TAKE HISTORICAL PERSPECTIVES, CREATIVE PERSPECTIVES OR HUMANITIES ELECTIVE INSTEAD OF PHIL 100.
- \* In addition to the other biology elective distribution requirements, Botany 210/211, Entomology 270/271, or General Microbiology 450/451 must be taken for the degree.
- \*\* DCR & E/RS may double count with other core courses. Use "Attribute Type" when searching for courses.
- \*\*\* For medical school/MCAT requirements, take PHYS 160 - 163 in the sophomore year and Biology electives in the junior year, including BIOL/CHEM 440 in the fall of the junior year, BIOL 354/355 in the spring of junior year. PSYC 101 and SOCI 101 must be taken before the MCAT.
- 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.

## 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:

48-63 Credit Hours dependent on courses taken, including

## Mathematical Perspectives

- MATH 140/150

## Biology: 24 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 299 - Introduction to Research Methods in Biology
- BIOL 398 - SEM: Environmental Studies
- BIOL 495 - Directed Study (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

- MATH 140/150 - Elements of Calculus I
- or MATH 170 - Calculus I
- MATH 156 - General Statistics

## 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.

- POLI 316 - Globalization
- ENGL 205 - Literature & Moral Imagination
  - THEO 245 - God, Creation and Ecology
- THEO 388 - Theology & Ecology
  - HIST 403 - Ecology of the City
  - Other courses as approved by advisor

**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
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- 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
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- CORE 102 - GOA

Total (14)

## Sophomore Year

### First Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- ENGL 205 - Literature & Moral Imagination
  - MATH 140/150 - Calculus or MATH 156
  - Historical Perspectives Elective
  - Second Language I

Total (16)

### Second Semester

- BIOL 260 - Intro to Environmental Science
- BIOL 261 - Intro to Environ Science Lab
  - BIOL 299 - INtroduction to Research Methods in Biology
  - Theological Perspectives
  - Second Language II
- ECON 200 - Microeconomic Principles

Total (16)

## Junior Year

### First Semester

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
  - ENVS Non-Science Elective
  - MATH 140/150 - Calculus or
- MATH 156 - General Statistics

- PHIL 200 - Philosophical Perspectives Elective
- Math or Science Elective

Total (16)

## Second Semester

- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
  - ENVS Non-Science Elective
  - Humanities Elective
  - Social Science or General Elective
  - Creative Perspectives Elective

Total (16)

## Senior Year

### First Semester

- ECON 320 - Natural Resource Economics
  - BIOL 495, 497 or 498: Internship/Methods BR I
  - Science or Math Elective (5 credit hours)
  - General Elective (DCR)
  - General Elective

Total (15-16)

### Second Semester

- BIOL 398 - SEM: Environmental Studies
  - BIOL 495, 496 or 499: Internship/Methods BR II
  - Science or Math Elective
  - E/RS Course

General 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.

## Natural Sciences, B.S.

### **(Preparation for health professions, like medicine and dentistry)**

The natural 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 natural sciences is not a requirement for admission to a health profession. (See Certificate in Pre-Medical Studies.) The student should consult a current listing of professional school admission requirements\* 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.

## Requirements for the Natural Sciences Major

### Core Curriculum Requirements:

48 credit hours, including

### Mathematics:

- MATH 150 - Elements of Calculus I and
- MATH 156 - General Statistics

or

- MATH 170 - Calculus I and
  - MATH 156 - General Statistics (3)

or

- MATH 170 - Calculus I and (3)
- MATH 171 - Calculus II

## Social sciences:

- PSYC 101 - General Psychology

## Science:

- Requirement included within the major.

## Major Requirements:

58 credit hours, as follows

## 50 hours in specific science 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
- BIOL 354 - Human and Comparative Anat
- BIOL 355 - Human and Comp Anat Lab
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology 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 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
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## 8 additional hours in biology or 8 hours in chemistry:

- To include two hours of research along with the additional hours in BIOL or CHEM electives. (See academic advisor for specific course selection.)

## Note(s):

- A 2.000 cumulative average must be attained in all biology, chemistry and physics courses.

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

## B.S. Natural Sciences

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 - First Year Co-Curricular
  - CORE 100 - First Year Seminar

or

- THEO 111 - Theological Foundations
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric

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
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- CORE 102 - First Year Co-Curricular
- Second Language I

Total (14)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language II

Total (14)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
  - Mathematical Perspectives (Calculus or Stats)
  - Social Science Elective (SOCI 101 Med School)

Total (14)

## Junior Year

## First Semester

- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
  
- BIOL 440 - Biochemistry or
- CHEM 440 - Biochemistry
  
- MATH 156 - General Statistics
  
- or
  
- MATH 171 - Calculus II
- PSYC 101 - General Psychology
  - PHIL 200 - Philosophical Perspectives Elective

Total (17)

## Second Semester

- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 354 - Human and Comparative Anat
- BIOL 355 - Human and Comp Anat Lab
  - Diversity Curriculum Elective (3) \*\*
  
- ENGL 205 - Literature & Moral Imagination or
- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin

Total (15)

## Senior Year

### First Semester

- BIOL 497 - Experimental Biology Lab



or

- BIOL 498 - Methods of Biol Research I

or

- CHEM 400 - Research/Seminar
- CHEM 220 - Principles of Physical Chem
- CHEM 221 - Analytical Chemistry
  - Creative Perspectives Elective
  - General Elective
  - Theological Perspectives Elective

Total (14-15)

## Second Semester

- BIOL 496 - Senior Capstone Seminar

or

- BIOL 499 - Methods of Biol Research II

or

- CHEM 400 - Research/Seminar
  - Biology or Chemistry Elective
  - E/RS Focus Elective \*\*
  - General Elective
  - Humanities Elective
  - Historical Perspectives Elective

Total (16-17)

## Note(s):

- \* For medical school/MCAT requirements, take PHYS 160 - 163 in the sophomore year and Biology electives in the junior year, including BIOL 440 in the fall of the junior year, BIOL 354/355 in the spring of junior year. PSYC 101 and SOCI 101 must be taken before the MCAT.
- \*\* DCR & E/RS may double count with other core courses. Use "Attribute Type" when searching for courses.
- \*\*\* Students select a concentration of elective courses plus research in either biology or chemistry. Elective courses vary from year to year, so contact your academic advisor for current selections. Students concentrating in chemistry should add Chemical Literature (CHEM 300), one hour, to junior year schedule. A minimum of 120 credit hours is required for the degree.
- 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.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.

## Dual Degree

### **Life Sciences for Business, B.S./M.B.A.**

The Life Sciences for Business program is a dual-degree program in which students earn a Bachelor of Science in the first four years and enter the Master of Business Administration program in the fifth year. It is designed to prepare students for leadership in the Biotech industry.

## Requirements for the BS in Life 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 the following:

#### Social Science

- ECON 200 - Microeconomic Principles

#### Mathematics

- MATH 140/150
- MATH 156 - General Statistics

Science requirement specified by the major as:

## 16 hours in Chemistry:

- 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 of Physics:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Major Requirements:

### 11 hours of General Biology

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
  - BIOL 299 - Introduction to Methods in Biology

### 12 hours of Biology electives

- At least 12 credit hours from biology electives (BIOL 210 General Botany or above) including at least one lecture/laboratory combination from: BIOL 230/2312 Genetics (4, S) or BIOL 410/411 Human Physiology (5, F) or BIOL 450/451 General Microbiology (5, S)

### 25 hours in Business courses:

- ACCT 200 - Introductory Financial Acct
- STAT 211 - Statistics For Business II
- INFO 120 - Introduction to Business Tech

- INFO 220 - Mgmt of Info Tech
- MGMT 300 - Managerial Behavior
- MKTG 300 - Principles of Marketing
- FINC 300 - Business Finance
- BLAW 550 - Business Law and Ethics
- MGMT 550 - Strategy and Organizations

## Note:

A 2.0 cumulative grade-point average must be attained in all hours of the major.

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

**Life Sciences for Business, B.S./M.B.A. Suggested Block Schedule**

## 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
- ECON 200 - Microeconomic Principles <sup>1,2</sup>
  - CORE 101 - GOA
  - CORE 100 - First Year Seminar

or

- THEO 111 - Theological Foundations

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
- INFO 120 - Introduction to Business Tech <sup>1</sup>
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- CORE 102 - GOA

Total (15)

## Second Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- INFO 220 - Mgmt of Info Tech <sup>1</sup>
- STAT 210 - Statistics For Business I

or

- MATH 140/150
- Historical Perspectives
- Second Language I

Total (16)

### Second Semester

- BIOL 299 - Introduction to Methods in Biology
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- MATH 156 - General Statistics

or

- STAT 210 - Statistics For Business I

- MKTG 300 - Principles of Marketing <sup>1</sup>
  - Second Language II

Total (16)

## Third Year

### First Semester

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- STAT 211 - Statistics For Business II <sup>1,3</sup>
- PHIL 100 - Ethics as Intro to Philosophy
  - BIOL Elective (3-6)

Total (13-16)

### Second Semester

- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- MGMT 300 - Managerial Behavior <sup>1</sup>
  - Humanities Elective
  - BIOL Elective (3-6)

Total (13-16)

## Summer

- Take GMAT Exam
- Apply to MBA Program

## Fourth Year

## First Semester

- ENGL 205 - Literature & Moral Imagination or
- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin
  - Theological Perspectives
  - Philosophical Perspectives
- ACCT 200 - Introductory Financial Acct <sup>1,3</sup>
- BLAW 550 - Business Law and Ethics

Total (15)

## Second Semester

- FINC 300 - Business Finance <sup>1</sup>
- MGMT 550 - Strategy and Organizations
  - Creative Perspectives
  - BIOL Electives (3-6)

Total (14)

## MBA Year

### First Semester

- ACCT 550 - Managerial Accounting
- FINC 550 - Fundamentals of Finance
- INFO 550 - Business Information Systems
- MKTG 550 - Marketing Strategy
  - MBA Elective

Total (15)

### Second Semester

- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- MGMT 551 - Operational Analysis
  - International Business Elective
  - MBA Elective
  - MBA Elective

Total (18)

## Summer

- MBA Capstone Course (3)

## Notes:

1. Students intending to apply for and complete the LSF&B & MBA program must notify their advisor and take the GMAT in their Junior Year. ACCT 200 and STAT 211 are pre-MBA foundation requirements for MBA candidates. Calculation of the undergraduate GPA for the LSF&B Major will be based on the grades from both the Biology and Business courses taken during the student's first 4 years at Xavier. The graduate GPA for the LSF&B Major will be based on the grades from the graduate business courses taken by the student during the 5th year at Xavier.
2. Students who do not wish to complete the LSF&B & MBA program must notify their advisor no later than Fall of their Junior Year and can choose option A or B:

A) This route leads to a BS in LSF&B and a Business minor (assuming students have taken the required business courses and applied for the minor)\*\*. These students must take BLAW 550 and MGMT 500 for this undergraduate degree.

B) This route requires a change of major to BIOL and student would receive a BS in BIOL with a Business minor (assuming students have taken the required business courses and applied for the minor)\*\*. These students must fulfill additional Biology requirements (i.e., Genetics, Human Physiology and either Botany, Entomology or General Microbiology), as well as the senior capstone course (see block schedule and checklist for the Biology major).

ERS Elective (can double count w/PHIL 300s, THEO 300s, LIT, etc.) and 3 hours of DCR

\*\*Business Minor = ACCT 200, ECON 200, FINC 300, INFO 120/220, MGMT 300, MKTG 300 and STAT 211 (2.000 GPA overall required).

## Minors

### Biology Minor

18 total 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

10 hours of lecture and lab combinations selected from:

- BIOL 200 - 461. (Refer to Course Descriptions.)

Note(s):

- A 2.000 cumulative average must be attained in all these courses.

## **Natural Sciences (Pre-Medical) Minor**

The Natural 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.

35 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

(or 170 series)

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Pre-Physical Therapy Minor

33 total credit hours are required, as follows

### Biology:

8 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

- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab

## Chemistry:

8 hours of lecture & lab from

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab

## Physics:

8 hours of lecture & lab from

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Athletic Training:

9 hours from

- ATTR 267 - Physiology of Exercise
- ATTR 343 - Therapeutic Modalities
- ATTR 344 - Therapeutic Exercise

## Note(s):

- A 2.000 cumulative average must be attained in all these courses.

## Certificate

### Certificate in Pre-Professional Health Studies

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 Natural Sciences (for premedical and pre-dental students)
- The Minor in Natural 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

### Applied Chemistry, B.S.

The Department of Chemistry offers a curriculum that leads to the BS degree in Applied Chemistry. This program is intended for those students interested in pursuing an undergraduate degree with emphasis on the liberal arts while preparing for graduate work in chemical engineering. Completion of the major requirements in chemistry, physics, and mathematics enable the student to apply to graduate programs in chemical engineering.

## Requirements for the Applied Chemistry Major

### Core Curriculum Requirements:

48 credit hours, including

#### Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

#### Science:

- Requirement included within the major

### Major Requirements:

72 credit hours, as follows

#### 38 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 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 330 - Quantum Chemistry
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 400 - Research/Seminar
- CHEM 420 - Inorganic Chemistry

### 14 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
  - ENGR 370 - Fluid Mechanics
  - ENGR 384 - Heat Transfer

### 10 hours of additional mathematics from:

- MATH 220 - Calculus III
  - MATH 222 - Applied Linear Algebra
- MATH 230 - Intro to Ordinary Diff Equat

### 6 hours of computer science from:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II

### Note(s):

- A 2.000 cumulative average must be attained in the chemistry courses.

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

## B.S. Applied Chemistry

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

### Freshman Year

### First Semester

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 170 - Calculus I
- PHYS 170 - University Physics I
- PHYS 161 - Introductory Physics Lab I
  - CORE 100 - First Year Seminar

or

- THEO 111 - Theological Foundations

Total (15)

## Second Semester

- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 171 - Calculus II
- PHYS 172 - University Physics II
- PHYS 163 - Introductory Physics Lab II
  - CORE 100 - First Year Seminar
- THEO 111 - Theological Foundations

Total (15)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 220 - Calculus III
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language II
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (17)

## Second Semester

- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- MATH 230 - Intro to Ordinary Diff Equat
  - Second Language II

Total (14)

## Junior Year

### First Semester

- CHEM 300 - Intro to Chem Research
- CHEM 320 - Physical Chemistry I
- CHEM 340 - Instrumental Analysis
  - MATH 222 - Applied Linear Algebra
  - Historical Perspectives
  - Humanities Elective

Total (16)

### Second Semester

- CHEM 322 - Physical Chemistry II
- CHEM 341 - Instrumental Analysis Lab
- ENGL 205 - Literature & Moral Imagination
  - ENGR 370 - Fluid Mechanics
  - PHIL 200 - Philosophical Perspectives
  - Theological Perspectives Elective

Total (15)

## Senior Year



## First Semester

- CHEM 400 - Research/Seminar
- CHEM 420 - Inorganic Chemistry
- CSCI 170 - Computer Science I
  - ENGR 384 - Heat Transfer
  - Creative Perspectives Elective

Total (13)

## Second Semester

- CHEM 330 - Quantum Chemistry
- CHEM 400 - Research/Seminar
- CSCI 180 - Computer Science II
  - Social Science Elective
  - E/RS Elective \*
  - Diversity Curriculum Elective

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- \* May double count with other core courses
- 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.

## Chemical Science, B.S.

The Department of Chemistry offers a program which leads to the BS degree in Chemical Science. This program is intended primarily for those students who wish to make use of chemical knowledge in connection with a career in the business world, e.g., in sales or marketing, or in secondary education. The course requirements in chemistry and mathematics are less than those of the BS in Chemistry program. The hours thus released are made available as free elective hours which can then be applied to courses in accounting, business administration, economics, education, etc.

## Requirements for the Chemical Science Major

### Core Curriculum Requirements:

59 credit hours, including

## Mathematics:

- MATH 120 - Elementary Functions
- MATH 150 - Elements of Calculus I

## Science:

- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Major Requirements:

33 credit hours, as follows

### 28 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 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

### 2 hours of research seminar from:

- CHEM 400 - Research/Seminar (to be taken 2 times)

### 3 hours of chemistry electives from:

- CHEM 411-495 (Refer to Course Descriptions.)

### Note(s):

- A 2.000 cumulative average must be attained in the chemistry courses.

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

## B.S. Chemical Science

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

### Freshman Year

#### First Semester

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 120 - Elementary Functions
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  - Second Language I
  - CORE 100 - First Year Seminar

or

- THEO 111 - Theological Foundations

**Total (16)**

#### Second Semester

- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 150 - Elements of Calculus I
  - Second Language II
  - Historical Perspectives
  - CORE 100 - First Year Seminar

or

- THEO 111 - Theological Foundations

Total (16)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHIL 100 - Ethics as Intro to Philosophy
  - Social Science Elective

Total (14)

### Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
  - PHIL 200 - Philosophical Perspectives

Total (15)

## Junior Year

## First Semester

- CHEM 220 - Principles of Physical Chem
- CHEM 340 - Instrumental Analysis
- CHEM 300 - Intro to Chem Research
  - Theological Perspectives
  - General Elective
- ENGL 205 - Literature & Moral Imagination

Total (16)

## Second Semester

- CHEM 341 - Instrumental Analysis Lab
  - Humanities Elective
  - E/RS Elective\*
  - Creative Perspectives
  - Diversity Curriculum Elective
  - General Elective

Total (16)

## Senior Year

### First Semester

- CHEM 400 - Research/Seminar
  - Chemistry Elective
  - General Electives (10)

Total (14)

### Second Semester

- CHEM 400 - Research/Seminar
  - General Elective (12)

Total (13)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- \* May double count with other core courses.
- Students must elect one each of oral communications, quantitative reasoning, and writing intensive flagged courses; many of these are available within the core or the major.

## Chemistry, B.S.

The Department of Chemistry offers a curriculum that is approved by the American Chemical Society (ACS) and leads to the Bachelor of Science degree. Students completing the program graduate as "ACS certified" majors. The curriculum covers the five major fields (analytical, biochemistry, inorganic, organic, and physical chemistry), the preparation and identification of compounds, and the literature on the subject. CHEM 300 Intro to Research,, fits the students to prepare his/her thesis and is a beginning course in research.

## Requirements for the Chemistry Major

### Core Curriculum Requirements:

53 credit hours, including

### Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

## Science:

- Requirement included within the major.

## Major Requirements:

46 credit hours, as follows

### 43 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 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 330 - Quantum Chemistry
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 420 - Inorganic Chemistry
- CHEM 421 - Inorganic Chemistry Lab
- CHEM 440 - Biochemistry
- CHEM 450 - Topics in Organic Chemistry

### 3 hours of research seminar from:

- CHEM 400 - Research/Seminar (to be taken 3 times)

## Note(s):

- A 2.000 cumulative average must be attained in these chemistry courses.

## Additional Major Requirements:

12 credit hours, as follows

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

4 hours of mathematics from:

- MATH 220 - Calculus III

**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 I
- CHEM 161 - General Chemistry I Lab
- MATH 170 - Calculus I
  - Core 100 - First Year Seminar

or

- THEO 111 - Theological Foundations
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric

**Total (14)**



## Second Semester

- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 171 - Calculus II
  - CORE 100 - First Year Seminar

or

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

Total (14)

## Sophomore Year

### First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- MATH 220 - Calculus III
- PHYS 170 - University Physics I
- PHYS 161 - Introductory Physics Lab I
  - Second Language I

Total (15)

## Second Semester

- CHEM 242 - Organic Chemistry II

- CHEM 243 - Organic Chemistry II Lab
- CHEM 226 - Quantitative Analysis
- CHEM 227 - Quantitative Analysis Lab
- PHYS 172 - University Physics II
- PHYS 163 - Introductory Physics Lab II
  - Second Language II

Total (17)

## Junior Year

### First Semester

- CHEM 320 - Physical Chemistry I
- CHEM 340 - Instrumental Analysis
- CHEM 300 - Intro to Chem Research
  - Historical Perspectives
  - Social Science Elective
- ENGL 205 - Literature & Moral Imagination

Total (16)

### Second Semester

- CHEM 322 - Physical Chemistry II
- CHEM 341 - Instrumental Analysis Lab
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 330 - Quantum Chemistry
- CHEM 400 - Research/Seminar
  - PHIL 200 - Philosophical Perspectives
  - Theological Perspectives
  - Creative Perspectives

Total (16)

## Senior Year

### First Semester

- CHEM 450 - Topics in Organic Chemistry
- CHEM 420 - Inorganic Chemistry
- CHEM 400 - Research/Seminar
  - E/RS Focus Elective
  - Humanities Elective
  - General Elective

Total (16)

### Second Semester

- CHEM 400 - Research/Seminar
- CHEM 421 - Inorganic Chemistry Lab
- CHEM 440 - Biochemistry
  - Diversity Curriculum 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.
- 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.

## 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

\*Biochemistry, CHEM 440 has the prerequisites of two semesters of General Chemistry with Laboratories and two semesters of Organic Chemistry with Laboratories.

4 hours of electives selected from:

- CHEM 320 - CHEM 450

## **Chemistry Minor**

19 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

3 additional hours of coursework must be selected from:

- CHEM 300-495 (Refer to Course Descriptions.)

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
- **OR** BIOL 440 - Biochemistry
- CJUS 101 - Intro to Criminal Justice
- CJUS 239 - Criminalistics I

6 hours of Criminal Justice (CJUS) electives

Note(s):

- Natural Sciences majors (as an interdisciplinary major) are not eligible to receive a minor in Biology, Chemistry, or Biochemistry. However, 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 Chemical Science, or BS in Natural 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
- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab

- MATH 150 - Elements of Calculus I or
- MATH 170 - Calculus I
  
- PSYC 101 - General Psychology
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar

Total (17/18)

## Second Semester

- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab

- MATH 151 - Elements of Calculus II or
- MATH 171 - Calculus II

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric

- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar

Total (17/18)

## Sophomore Year

## First Semester

- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I

- MATH 156 - General Statistics or
- MATH 116 - Elementary Statistics

PHIL 100 - Ethics as Intro to Philosophy

- Historical Perspectives

Total (17)

## Second Semester

- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II
- BIOL 200 - Microbiology
- ECON 200 - Microeconomic Principles
  - Creative Perspectives

Total (17)

## Classics and Modern Languages

The Department of Classics and Modern Languages offers two bachelor's degrees in the areas of Classics, as well as minors in Greek, Latin, Classical Humanities, and Theatre. In addition, the department plays a major role in the Honors Bachelor of Arts degree. For this degree, see Special University Programs.

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 Deaf Studies, French, German, 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 French, German, or Spanish in high school. 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.

This program is designed to offer a major for those students who have an interest in the ancient world but prefer breadth rather than specialization in their undergraduate education or seek to pursue the equivalent of a second major. This program combines the minimum number of course requirements with a maximum number of elective courses. The 24 hours of study of the ancient Greek and Roman world will give the student a somewhat intensive knowledge of the cultures, which in time and place are far removed from our own but which have exercised a very strong and continuing influence on modern civilization.

### Requirements for the Classical Humanities Major



## Core Curriculum Requirements:

See Undergraduate Core Curriculum

## Major Requirements:

36 credit hours, as follows

- 12 lower division hours in Latin or Greek 101-202 (Refer to Course Descriptions.) (waivers exist per prior achievement).
- 6 hours of Latin or Greek beyond the intermediate language level (210-399) (Refer to Course Descriptions.) .
- 18 hours of classical culture offerings from CLAS 101-399 (Refer to Course Descriptions.) .

## 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**

## 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.

## **Classics, B.A.**

The Bachelor of Arts degree in Classics is designed to bring students into intimate contact with the world of the ancient Romans and Greeks through the study of their language, literature and culture. It introduces them to that era when Western society was for the first time in recorded history dealing with and recording many of the same problems and questions with which we are still grappling today.

## Requirements for the Classics Major

## Core Curriculum Requirements:

See Undergraduate Core Curriculum

## Major Requirements:

33 credit hours, as follows

- 0-12 lower division hours in Latin or Greek (the number depending on prior achievement).
- 21 hours in Latin or Greek beyond the intermediate language level.

## Note(s):

- A 2.500 cumulative average must be attained in the above courses.
- Completion of a senior thesis.
- Pass a comprehensive examination upon completion of a senior thesis.
- In addition to the above requirements, the student has 18-24 hours of non-designated electives which can be used to meet specific interests or needs.

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

## 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, B.A.

The programs for majors in German, French, and Spanish offered by the Department of Modern Languages provide an opportunity for the development of proficiency in the spoken and written language, as well as a study of the literature and civilization in areas where the language is spoken.

Students are encouraged to combine a modern language major with a second major or a related minor.

Undergraduates who wish to be licensed as teachers of French, German, or Spanish 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 (300-499) taught in the foreign language.
- A 2.5 cumulative average must be attained in the major courses.

28 credit hours, as follows

### \*French:

9 hours of language/culture from:

- FREN 300-351 (Refer to Course Descriptions.)

9 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions.)

9 hours of major electives selected from:

- FREN 300-498 (Refer to Course Descriptions.)

1 hour of senior project from:

- FREN 499 - Senior Research Project

## German, B.A.

The programs for majors in German, French, and Spanish offered by the Department of Modern Languages provide an opportunity for the development of proficiency in the spoken and written language, as well as a study of the literature and civilization in areas where the language is spoken.

Students are encouraged to combine a modern language major with a second major or a related minor.

Undergraduates who wish to be licensed as teachers of French, German, or Spanish 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

#### 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 (300-499) taught in the foreign language.
- A 2.5 cumulative grade-point average must be attained in the major courses.

28 credit hours, as follows

#### German:

9 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions ).

9 hours of literature from:

- GERM 420 - GERM 461 (Refer to Course Descriptions ).

9 hours of major electives selected from:

- GERM 300 - GERM 351 (Refer to Course Descriptions ).

1 hour of senior research project:

- GERM 499 - Senior Research Project

## 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

(included in the major)

## Major Requirements:

50 credit hours, as follows

### 21 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 450 - International Economics
- STAT 211 - Statistics For Business II

### 6 hours from:

- ECON 310-499 (Refer to Course Descriptions), which must include 3 hours of ECON courses at the 400 level.

### 23 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
- And 1 hour of directed study in culture & civilization from FREN 496.

## German:

- 21 hours from GERM 300-490 (Refer to Course Descriptions.)
- 1 hour of senior research from GERM 499
- And 1 hour of directed study in culture & civilization from GERM 496.

## 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 from SPAN 499
- And 1 hour of directed study in culture & civilization from SPAN 496.

## 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

- STAT 211 - Statistics For Business II
- PHIL 290 - Theory of Knowledge
  
- ENGL 205 - Literature & Moral Imagination
- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin
  - 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)

- Modern Language (directed study) (1)

Total (16)

## 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 programs for majors in German, French, and Spanish offered by the Department of Modern Languages provide an opportunity for the development of proficiency in the spoken and written language, as well as a study of the literature and civilization in areas where the language is spoken.

Students are encouraged to combine a modern language major with a second major or a related minor.

Undergraduates who wish to be licensed as teachers of French, German, or Spanish 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 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.
- Completion of 28 hours of upper division courses (300-499) taught in the foreign language.
- A 2.5 cumulative grade-point average must be attained in the major courses.

28 credit hours, as follows:

3 hours of language from either:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II

3 hours of language from:

- SPAN 302-306 (Refer to Course Descriptions ).

6 hours of language/culture:

- SPAN 328 - Phonetics and Dialectology
- SPAN 370 - Intro Lit Analysis & Criticism

3 hours of culture from:

- SPAN 350-352 (Refer to Course Descriptions ).

6 hours of literature from:

- SPAN 497 - Directed Study: Literature
  - SPAN 400-490 (Refer to Course Descriptions ).

6 hours of major electives selected from:

- SPAN 300-497, except SPAN 353. (Refer to Course Descriptions ).

1 hour of senior research project:

- SPAN 499 - Senior Research Project

## **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.

## 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 twelve 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

6 hours of language/culture from:

- FREN 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions ).

3 hours of electives from:

- FREN 300-498 (Refer to Course Descriptions ).

### German

6 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

GERM 410-470 (Refer to Course Descriptions ).

3 hours of electives from:

- GERM 300-498 (Refer to Course Descriptions ).

## Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II

and

- 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.

### 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 twelve 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

6 hours of language/culture from:

- FREN 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions ).

3 hours of electives from:

- FREN 300-498 (Refer to Course Descriptions ).

#### German

6 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

GERM 410-470 (Refer to Course Descriptions ).

3 hours of electives from:

- GERM 300-498 (Refer to Course Descriptions ).

## Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II

and

- 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 twelve 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

6 hours of language/culture from:

- FREN 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions ).

3 hours of electives from:

- FREN 300-498 (Refer to Course Descriptions ).

## German

6 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions ).

6 hours of literature from:

GERM 410-470 (Refer to Course Descriptions ).

3 hours of electives from:

- GERM 300-498 (Refer to Course Descriptions ).

## Spanish

6 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II

and

- 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.

### Deaf Studies Minor

The Deaf Studies minor will consist of 19 hours, 18 credit hours of on-campus courses and one credit hour in a Community Based Learning Cooperative:

- ASLN 101 - Elem American Sign Language I
- ASLN 102 - Elem American Sign Language II
- ASLN 201 - Interm American Sign Lang I
- ASLN 202 - Interm American Sign Lang II
  - ASLN 280 - Deafness I: Origins and Orientation (3 credit hours)
  - ASLN 291 - Deafness II: Present Culture and Community (3 credit hours)
  - ASLN 295 - Community Based Learning Cooperative (1 credit hour)

## French Minor

15 credit hours of upper-division French are required:

6 hours of language/culture from:

- FREN 300 - Advanced French I
- FREN 301 - Advanced French II
- FREN 302 - French Conversation
- FREN 303 - French Composition
- FREN 315 - Business French I
- FREN 330 - Methods Curr Assess In For Lan
- FREN 350 - French Culture/Civilization I
- FREN 351 - French Culture/Civilization II

6 hours of literature from:

- FREN 420-462 (Refer to Course Descriptions.)

3 hours of electives from:

- FREN 300-400 (Refer to 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 upper-division German are required:

6 hours of language/culture from:

- GERM 300-351 (Refer to Course Descriptions.)

6 hours of literature from:

- GERM 410-497 (Refer to Course Descriptions.)

3 hours of electives from:

- GERM 300-400 (Refer to 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.

## Latin American Studies Minor

The Latin American 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 total credit hours are required, as follows

3 hours of the entry core course taught in English from:

- SPAN 353 - Intro Latin American Studies

3 hours of language development selected from:

- SPAN 300 - Advanced Spanish I
- SPAN 301 - Advanced Spanish II
- SPAN 302 - Spanish Conversation
- SPAN 303 - Spanish Composition
- SPAN 304 - Spanish Vocabulary in Context
- SPAN 305 - Readings in Spanish
- SPAN 325 - History of the Spanish Language
- SPAN 326 - Spanish: Applied Linguistics
- SPAN 328 - Phonetics and Dialectology
- SPAN 351 - Latin-American Civilization I

3 hours of Latin American literature selected from:

- SPAN 427 - Spanish-American Lit & Civ I
- SPAN 428 - Spanish-American Lit & Civ II
- SPAN 429 - Spanish-American Lit & Civ III

or

- SPAN 440 - Hispanic Poetry
- SPAN 444 - 19th Century Spanish-Amer Lit
- SPAN 445 - 20th Century Spanish-Amer Lit
  - SPAN 446

3 hours of Latin American history or political science selected from:

- HIST 151 - Latin American History I
- HIST 152 - Latin American History II
  - HIST 327
- HIST 340 - History of Mexico
  - HIST 341
  - HIST 342
  - HIST 343
  - HIST 344

or

- An approved POLI course

3 hours of an approved Theology course.

3 hours of an approved elective from above listed courses or as approved by program director.

Note(s):

- A 2.5 cumulative average must be attained in all these courses.

## **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

### 15 credit hours of upper-division Spanish are required:

#### 3 hours of language from:

- SPAN 300 - Advanced Spanish I or
- SPAN 301 - Advanced Spanish II

#### 3 hours of culture from:

- SPAN 302 - SPAN 305

#### 3 hours of electives from:

- SPAN 302 - SPAN 306 (Refer to Course Descriptions)

#### 3 hours of civilization courses:

- SPAN 350 - Spanish Civilization
- SPAN 351 - Latin-American Civilization I
- SPAN 352 - Latin Amer Trad & Pop Cult



## SPAN 328 - Phonetics and Dialectology

### 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 Arts

The Department of Communication Arts offers a Bachelor of Arts degree in four major areas: Advertising, Communication Studies, Digital Media, and Public Relations. The CA department also offers six minors in Communication Arts: Advertising, Communication Arts, Communication Studies, Digital Media, Media Studies, and Public Relations.

### Bachelor of Arts

### Advertising, B.A.

### Bachelor of Arts degree for Communication Arts majors

The Communication Arts Majors will help students understand many aspects of the human communication process, develop essential skills, and form positive attitudes toward the role that, as educated adults, they will play in society. Basic skills in written and spoken communication receive emphasis in all four communication majors: advertising, communication studies, electronic media, and public relations. In order to complete all requirements for the degree, students should formally declare one of the four departmental majors preferably by the end of their freshmen year. Departmental guidance is necessary to ensure proper sequencing of classes. Proficiency in writing skills is required in all majors, and continued improvement in writing and speaking skills is expected. Qualified communication arts students are encouraged to take advantage of internship opportunities in their respective majors to gain practical professional experience. Many students within the department work closely with the University's television production studio. The television studio is very active in program production for cable television and industrial usage and the production, post production, and editing facilities utilize students in a number of roles and encourage the development of high professional standards. The Xavier University Vonder Haar Chapter of the Public Relations Society of America (PRSSA) and many other organizations and clubs provide opportunities for students to network with area professionals and gain meaningful practical experience.

### Advertising

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.

### Core Curriculum Requirements:

See Undergraduate Core Curriculum :

## 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 each major.
- Since each major recommends certain courses as COMM electives, it is important that students work closely with their academic advisors in the choice of these electives.

## Communication Studies, B.A.

## Bachelor of Arts degree for Communication Arts majors

The Communication Arts Majors will help students understand many aspects of the human communication process, develop essential skills, and form positive attitudes toward the role that, as educated adults, they will play in society. Basic skills in written and spoken communication receive emphasis in all four communication majors: advertising, communication studies, electronic media, and public relations. In order to complete all requirements for the degree, students should formally declare one of the four departmental majors preferably by the end of their freshmen year. Departmental guidance is necessary to ensure proper sequencing of classes. Proficiency in writing skills is required in all majors, and continued improvement in writing and speaking skills is expected. Qualified communication arts students are encouraged to take advantage of internship opportunities in their respective majors to gain practical professional experience. Many students within the department work closely with the University's television production studio. The television studio is very active in program production for cable television and industrial usage and the production, post production, and editing facilities utilize students in a number of roles and encourage the development of high professional standards. The Xavier University Vonder Haar Chapter of the Public Relations Society of America (PRSSA) and many other organizations and clubs provide opportunities for students to network with area professionals and gain meaningful practical experience.

## Communication Studies

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

## Major Requirements:

36 credit hours, as follows

36 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 260 - Organizational Communication
- COMM 264 - Persuasion
- COMM 270 - Principles of Strategic Comm
- COMM 301 - Presentational Speaking
- COMM 327 - Interpersonal Conflict Mgmt
- COMM 329 - Audience Survey & Research
- COMM 469 - Sr Sem: Comm Studies

Note(s):

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

## 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 Arts (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

#### 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 - Intro 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 Strategy
- COMM 477 - Strat Comm Ethics Society
  - COMM 489 - Digital Media Senior Seminar

**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
  - Foreign 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
  - Foreign 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.

### Bachelor of Arts degree for Communication Arts majors

The Communication Arts Majors will help students understand many aspects of the human communication process, develop essential skills, and form positive attitudes toward the role that, as educated adults, they will play in society. Basic skills in written and spoken communication receive emphasis in all four communication majors: advertising, communication studies, electronic media, and public relations. In order to complete all requirements for the degree, students should formally declare one of the four departmental majors preferably by the end of their freshmen year. Departmental guidance is necessary to ensure proper sequencing of classes. Proficiency in writing skills is required in all majors, and continued improvement in writing and speaking skills is expected. Qualified communication arts students are encouraged to take advantage of internship opportunities in their respective majors to gain practical professional experience. Many students within the department work closely with the University's television production studio. The television studio is very active in program production

for cable television and industrial usage and the production, post production, and editing facilities utilize students in a number of roles and encourage the development of high professional standards. The Xavier University Vonder Haar Chapter of the Public Relations Society of America (PRSSA) and many other organizations and clubs provide opportunities for students to network with area professionals and gain meaningful practical experience.

## Public Relations

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.

### Core Curriculum Requirements:

See Undergraduate Core Curriculum

### 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 - Jr Sem: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 each major.
- Since each major recommends certain courses as COMM electives, it is important that students work closely with their academic advisors in the choice of these electives.

## 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 206 - Writing for the Media
- COMM 270 - Principles of Strategic Comm
- COMM 329 - Audience Survey & Research
- COMM 430 - Creative Strategies Advrtsing

6 hours of electives (2 courses) selected from:

- COMM 211 - Media Literacy
- COMM 235 - Digital Design
- COMM 237 - Elements of Copy & Design
- COMM 264 - Persuasion
- COMM 332 - Media Strategies in Advtising
- COMM 477 - Strat Comm Ethics Society



## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## Communication Arts Minor

18 total credit hours are required, as follows

6 hours from:

- COMM 101 - Oral Communication
- COMM 211 - Media Literacy

12 hours of COMM electives (4 courses) selected from:

- COMM 123 - 499 (Refer to Course Descriptions.)

## Note(s):

- A 2.000 cumulative grade point average must be attained in all courses taken in the minor.

## 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 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 - Intro to Digital Media
- COMM 235 - Digital Design
- COMM 247 - Understanding New Media
  - COMM 321 Advanced Digital Media
  - COMM 433 Social Media Strategy

## Media Studies Minor

The media studies minor explores the nature, purpose, and techniques of communication media.

18 total credit hours are required, as follows:

9 hours from:

- COMM 123 - Intro To Comm and Media
- COMM 206 - Writing for the Media
- COMM 211 - Media Literacy

6 hours of specific electives (2 courses) selected from:

- COMM 247 - Understanding New Media
- COMM 329 - Audience Survey & Research
- COMM 385 - Media, Democracy & the Public
- COMM 426 - Media Law & Policy

3 hours of electives (1 course) selected from:

- COMM 199-499 (Refer to Course Descriptions).

Note(s):

- A 2.000 cumulative average must be attained in these courses.

## **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 - Jr Sem: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.

### 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
  - Three additional CSCI courses numbered 200 or above
- 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

### Note:

The Mathematics Perspectives Core requirement is fulfilled by CSCI 170 . We also recommend MATH 156 General Statistics or MATH 280 Combinatorics if the student's schedule permits.

## Required second area of concentration

- Students must complete a second major or minor, of which at least 15 hours must be distinct from the required courses in Computer Science.

## 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 9 hours in two sciences from the following:

- 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 170 - University Physics I and PHYS 161, Introductory Physics I Lab
- PHYS 172 - University Physics II and PHYS 163, Introductory Physics II Lab
- PSYC 221 - Research Meth & Design I and PSYC 223, Research Methods and Design I Lab

### Mathematics:

13 hours from:

- MATH 170 - Calculus I
- MATH 225 - Foundations Of Higher Math
- MATH 280 - Combinatorics

and either

- MATH 156 - General Statistics or
- MATH 240 - Linear Algebra or
- MATH 256 - Intro to Probability & Stats

## Major Requirements:

39 credit hours, as follows

### 33 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
- 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 250-390.

## Note(s):

- A 2.000 cumulative average must be attained in the computer science courses.
- 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
- MATH 225 - Foundations Of Higher Math
  - Foreign Language Elective (3)
- THEO 111 - Theological Foundations

or

- First Year Seminar

Total (15)

## Second Semester

- CSCI 180 - Computer Science II
- MATH 280 - Combinatorics
  - Foreign Language Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations

or

- First Year Seminar

Total (15)

## Sophomore Year

### First Semester

- CSCI 220 - Data Structures & Algorithms
- MATH 170 - Calculus I
  - Scientific Perspectives
  - Historical Perspectives
- ENGL 205 - Literature & Moral Imagination or
- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin

Total (16)

### 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 300 - Programming Languages
  - 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)
  - General Elective (3)
  - CSCI Elective (3)
- MATH 156 - General Statistics or
- MATH 240 - Linear Algebra or
- MATH 256 - Intro to Probability & Stats

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.

## Minors

### Computer Science Minor

16 total credit hours are required, as follows:

10 hours from:

- CSCI 170 - Computer Science I
- CSCI 180 - Computer Science II
- CSCI 181 - Computer Science Lab
- CSCI 220 - Data Structures & Algorithms

6 hours of electives selected from:

- CSCI 210-397 (Refer to Course Descriptions) (CSCI 260 is strongly encouraged)

Note(s):

- A 2.000 cumulative average must be attained in all these computer science courses.

## **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 Modern Languages Department for details. Note: Economics is also available as a major and minor in the Williams College of Business.

### **Bachelor of Arts**

### **Economics with Concentration in Mathematics, B.A.**

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
  
- STAT 210 - Statistics For Business I
- STAT 211 - Statistics For Business II
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
  - ECON electives (five courses, including two 400-level electives) (15 credit hours)

## Mathematics Concentration Requirements:

15 credit hours

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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, 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
- STAT 210 - Statistics For Business 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\*

- ECON 491- Capstone in Economics (0 Credit hours)
- ECON 492 - Capstone in Economics (1 Credit hours)
- ECON 493 - Capstone in Economics (2 Credit Hour)

\*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
  - Foreign 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
  - Foreign 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

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

Total (16)

### Second Semester

- ECON 493 - Capstone Experience in Economics II
- Economics Elective
- Economics Elective
- General Elective
- General Elective
- General Elective

Total (17)

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.

## 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, the Associate of Arts, and the Master of Arts in English degrees. Also offered is a minor in English and Writing.

## Bachelor of Arts

## 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**

- 302-History of Literary Criticism
- 303-Modern Literary Theory
- 366-Feminist Theory

##### **Language or Linguistics**

- 320-Topics in Linguistics
- 321-History of English Language
- 322-Ethnolinguistics
- 323-Media and Its Discourse
- 327-Language of Leadership
- 369-Women and Sacred Language

9 hours from:

Take one course from THREE of the four areas:

**Pre-1800 British Lit**

- 361-16th/17th Cent Women's Literacy
- 368-Brit Women Writers
- 376-Lit & Arts in Britain
- 410-Chaucer
- 411-Medieval Women's Writing
- 415-Early English Lit
- 425-Shakespeare
- 429-Renaissance Drama
- 430-17th Century Brit Lit
- 432-Spenser & Milton
- 435-Milton
- 441-18th Century Brit Lit
- 465-18th Century Novel: Behn-Austen

**Post-1800 British Lit**

- 364-Jane Austen
- 375-Lit & Arts in Ireland
- 414-Tolkien
- 450-Brit Romantic Lit
- 452-Romantic Autobiography
- 460-Love, Sex, Gender in Victorian Poetry
- 462-Victorian Writing
- 463-Victorian Poetry & Poetics
- 464-English Novel: Dickens-Conrad
- 470-Modern Brit Lit
- 475-Modern Irish Lit

**Pre-1900 American Lit**

- 358-Black America since 1865
- 373-War & Peace in Amer Lit
- 468-Transatlantic Lit
- 478-19th Century Amer Poetry
- 480-Amer Renaissance
- 481-Amer Realism
- 485-Amer Gothic Lit
- 488-Humor in Amer Lit
- 489-Amer Minority Lit

**Post-1900 American Lit**

- 351-Jewish-Amer Lit
- 479-Lit of Amer West
- 482-Mod Amer Fiction
- 483-Mod Amer Poetry
- 484-African-Amer Lit
- 486-Contemp Amer Lit
- 487-Contemp Amer 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 (Major's section) \*
  - 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 (14)

## 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.

## 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

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 2.000 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 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.

## Master of Arts

### English, M.A.

The program for the Master of Arts degree in English is designed to develop critical, expository, and research skills, a critical and historical understanding of literature and language, and a working knowledge of current theories of interpreting and evaluating literary texts.

The M.A. in English requires a completion of 30 semester hours of course work, or with the approval of your advisor, the degree can be completed with 24 semester hours of course work and completing a written thesis which earns 6 hours of credit.

## The following 12 hours of courses are required of all students:

- ENGL 512 - Literary Theory
- ENGL 525 - Shakespeare
  - One 500-level graduate course on linguistics or language
  - One 500 or 600 level graduate course on women or minority authors

## Language Requirement:

Students must demonstrate reading knowledge of a foreign language by attaining at least a B in an intermediate-level foreign language course (e.g., 200-level) while taken as an M.A. student. Alternately, students may pass a translation examination administered by the appropriate language department at Xavier. In addition to modern languages, ASL, Old English, Latin, and Greek will be accepted in fulfillment of the requirement. Middle English will not be accepted.

## Additional Requirements:

- 18 hours of English electives are needed to complete the degree selected from ENGL 500-695 (Refer to Course Descriptions). Courses may be taken at the 300 or 400 level for graduate credit, with approval of the program director. The completion of the Master's Thesis (ENGL 700 & ENGL 701) for 6 hours can be used in this elective area of the degree requirements.
- A 3.000 cumulative average must be attained in all the graduate credit courses.
- At the close of their studies, students must pass a written comprehensive examination based on eighteen works of literature, linguistics, composition and literary theory. Fifteen of these works are chosen by the department every two years; the remaining three are chosen by the individual student. The comprehensive examination is given in April and November.

## Admission Requirements:

The Master of Arts program in English invites applications from students with a bachelor's degree and a solid academic record. Students seeking admission are expected to have a 3.200 average in their undergraduate English courses. Applicants should have excellent writing skills and a strong background in the humanities but need not be undergraduate English majors. Admission decisions are based on factors such as past academic performance, standardized test score, and other information submitted.

## Note(s):

Further information and application materials may be obtained from the Office of Graduate Services, 100 Hailstones Hall, 513 745-3360. Most courses are offered in the evening for the convenience of part-time students.

## Minors

## English Minor

18 total credit hours are required, as follows:

6 hours from:

- ENGL 115 - Rhetoric
- ENGL 221 - Poetry

3 hours from a specific major's section of:

- ENGL 205 - Literature & Moral Imagination

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 305 - Professional Writing
- ENGL 307 - Writing Internship
- ENGL 309 - Creative Writing: Poetry
- ENGL 310 - Creative Writing: Fiction
- ENGL 314 - Writing Journals&Autobiography
- ENGL 315 - Composition Tutoring
- ENGL 318 - Creative Nonfiction

## 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 133 and 134
- HIST 143 and 144
- HIST 200 and 201
- HIST 247 and 248

\* Students can satisfy Historical Perspectives by taking 9 hours of survey courses.

- HIST 123 - African History I
- HIST 124 - African History II
  
- HIST 133 - European History I
- HIST 134 - European History II
  
- HIST 143 - U.S. History I
- HIST 144 - U.S. History II
  
- HIST 151 - Latin American History I
- HIST 152 - Latin American History II
  
- HIST 161 - Asian History I
- HIST 162 - Asian History II

## 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.

## 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

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 2.000 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 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

### 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

or

- 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 363 - Comparative Religions
  - THEO 367 - Zen Buddhism
- THEO 368 - Buddhism
  - THEO 371 - Buddhism and Ecology
- 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 200-399 or HIST 105, 106, 133, 134, 143, 144

3 hours of seminar from:

- HIST 400-498 (Refer to Course Descriptions.)

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

Note(s):

- 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

### Honors Bachelor of Arts

Established in 1948, Honors A.B. (HAB) is the University's first and oldest honors program. True to Xavier's Jesuit heritage, the program emphasizes the interdisciplinary study of Classics (Latin and Greek) and Philosophy. Students study the classic texts of Western civilization while fostering deeper understanding of the values and ideals they embrace.

The HAB program prepares students for life in the modern world by developing depth and balance of intellect and an openness to new ideas by examining the roots from which our culture and traditions have sprung. Candidates for the program are expected to rank high in their high school classes; often they have Latin had high school, although special arrangements can be made for those with no experience in ancient languages, as long as students want to learn them. The program is designed challenge students as undergraduates and prepare them for lifelong learning. HAB graduates pursue careers in a variety of professional, business, and academic areas.

The main objectives of the HAB program are as follows:

1. To provide intense, upper-level Latin and Greek courses at the honors level in which substantial readings of significant Roman and Greek authors are engaged in the original;
2. To provide a range of courses in philosophy for an appreciation of the evolution of ideas about what it means to be human;
3. To provide students with an understanding of the development of ideas about human concerns (e.g. justice, freedom, virtue, faith, allegiance) as they

were first expressed to foster a deeper understanding of the values and ideals they embrace.

## Honors Bachelor of Arts Core Requirements

Honors students are expected to fulfill the regular Undergraduate Core Curriculum requirements, and whenever possible, special Honors sections or the more demanding sections of required courses should be taken:

## Honors Bachelor of Arts Program Specific Requirements

Latin - 21 hours from the following:

LATN 211: Cicero *Orations*  
LATN 212: Vergil, *Aeneid*  
LATN 231: Horace, *Odes* and *Epodes*  
LATN 232: Catullus  
LATN 241: Latin Prose Composition  
LATN 253: Livy  
LATN 263: Caesar  
LATN 273: Cicero, Letters  
LATN 283: Cicero, *Essays*  
LATN 293: Horace, *Satires* and *Epistles*  
LATN 311: History of Ancient Rome  
LATN 321: Roman Comedy  
LATN 331: Lucretius  
LATN 341: Tacitus  
LATN 351: Roman Satire  
LATN 361: History of Latin Literature  
LATN 371: Medieval Latin  
LATN 397: Special Study, Prose  
LATN 398: Special Study Poetry

Greek - 21 hours from the following:

GREK 101: Elementary Greek I  
GREK 102: Elementary Greek II  
GREK 201: Attic Prose  
GREK 202: Attic Tragedy  
GREK 203: Plato, Selected Readings  
GREK 241: Koine Greek I  
GREK 242: Koine Greek II  
GREK 311: History of Ancient Greece  
GREK 321: Homer, *Iliad*  
GREK 322: Homer, *Odyssey*  
GREK 331: Plato, *Republic*  
GREK 341: *Thucydides*  
GREK 351: *Aeschylus*  
GREK 361: History of Greek Literature  
GREK 397: Special Study: Prose  
GREK 398: Special Study: Poetry

Philosophy - 18 hours

## Capstone Thesis Research Experience - 6 hours:

CLAS 398: Capstone Preparation-Honors  
CLAS 399: Honors Bachelor of Art (HAB)

This year-long capstone course (6 credit hours) ensures that each HAB student writes a research paper utilizing the analytical, writing and linguistic skills he/she has developed during his/her four years in the HAB program and, to the extent possible, combining the interests of his/her second major or pre-med Natural Science minor. Course participants give in-class oral and written presentations and undertake a mock defense of their paper in preparation for the real oral defense. Cooperative learning is essential to success to the thesis process. Participants read and respond to one another's work.

## Philosophy, Politics and the Public Honors Program

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 summer study in Paris that includes a seminar in Brussels, the seat of the European Union. The program is highly selective, with 15 to 20 freshman students enrolling each fall.

## The Philosophy, Politics & the Public Core Sequence

The program finds its center in two main areas. Students take the core interdisciplinary course sequence during sophomore and junior year. The sophomore year sequence brings together faculty from history and political science. Its focus is on America's civic culture in its growth and development, with special emphasis upon electoral and legislative politics. The junior year sequence is primarily philosophical and centers upon the philosophical ideas of the Enlightenment culminating in the French Revolution as a primary shaper of both modern democratic institutions as well as modern conceptions of "the public." The course will culminate with the students traveling to Paris and Brussels to meet with French specialists and students who are likewise investigating the changing contours of the modern Western democracies that this revolution had so profoundly affected. Details of these sequences appear below.

## The Philosophy, Politics & the Public Elective Concentration

Together with the Constructing the Public sequence, the Elective Concentration forms the heart of the individual student's PPP program. Students are encouraged to choose an Elective Concentration in a discipline that most closely fits their own academic interest in "the public." In this way, the Elective Concentration provides the conceptual center of the PPP student's course of study, supplying the dominant framework from which he or she investigates the complex content of "the public." There are a total of 18 hours of available electives in the PPP honors program. Students may choose an Interdisciplinary minor or one that is departmentally based. Some examples are:

A. *Philosophy, Politics & the Public* combined with an Interdisciplinary Minor

1. Concentration in Gender & Diversity
2. Concentration in International Studies
3. Concentration in Latin American Studies
4. Concentration in Peace Studies
5. Concentration in Catholicism & Culture

B. *Philosophy, Politics & the Public* combined with a Discipline-based Minor

1. Concentration in Business
2. Concentration in Economics
3. Concentration in History
4. Concentration in International Studies
5. Concentration in Philosophy
6. Concentration in Political Science
7. Concentration in Art

## **The Senior Capstone Research Thesis**

In the senior year, all PPP students will submit a research thesis for public defense. This thesis will be multidisciplinary in content and will address issues concerning the public that flow from the student's own elective concentration.

## **Additional Course Requirements in the Program**

In addition to these required core and elective courses, students in Philosophy, Politics and the Public must complete either a full minor in a foreign language or complete two languages through intermediate proficiency, one additional course from a history survey of the student's choice, and two courses in economics.

## **Interdisciplinary Studies**

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 Sustainability, 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
- STAT 211 - Statistics For Business II

## 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

- ECON 200 - Microeconomic Principles

- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric
  - Foreign Language I (3)
- CORE 100 - First Year Seminar
  - Historical Perspectives
  - Language I
  - CORE 101

TOTAL (15)

## Spring Semester

- ECON 201 - Macroeconomic Principles
- BIOL 120 - Life: Ecology & People
- BIOL 127 - Life Lab: Investigation II
  - 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
- THEO 360 - Consumption As Problem or
- 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.

## 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 222 - The Harlem Renaissance (R)
- HIST 233 - Women In American History (W)
  - HIST 307 - Immigration and Ethnicity (R)
- HIST 324 - African-Am Struggle for Equity (R)
  - POLI 367 - Gender & Politics: Women, Elections and Representation (W)
- SOCI 250 - Racial Ethnic Minorities (R)
- SOCI 262 - Gender and Society (W)
- SOCW 318 - Trends in Modern Soc: Race Rel (R)
- SOCW 325 - Women/Men: Myth & Reality (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 - Slavery In the Atlantic World (R)
- HIST 275 - Urban Imaginaries In Asia (R)
  - HIST 314 - Africa Since 1945 (R)
  - HIST 343 - Religion & Empire in Latin America (R)
- HIST 395 - History of South Africa (R)
  - HIST 427 - Race and Nation in Modern Latin America (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, Poverty and Society
- 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
  - HIST 350, POLI 316, THEO 316 - Globalization (departmental designations may change yearly).

## 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.

## Land, Farming and Community, B.A.

Through a combination of classroom-based and experiential on-site learning; attention to the science and art of agriculture; and focus on both the necessity and benefits of small-scale, sustainable, and diversified food production in the context of a Jesuit education, Xavier's Land, Farming and Community degree (LAND) offers students the opportunity to become stewards of healthy, productive soils, communities, and regions through growing, processing and distributing food. The final three semesters of the degree program are spent largely in the field, either practicing agriculture or working in a related industry in a Land, Farming and Community practicum.

## Requirements for the Land, Farming and Community Major

### Core Curriculum Requirements

Consult the Undergraduate Core Curriculum requirements of the Catalog.

### Major Requirements

- ACCT 200 - Introductory Financial Acct
- BIOL 210 - General Botany
- BIOL 211 - General Botany Lab
- 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 270 - Introduction To Entomology
  - BIOL - Agroecology I and II (6)
- ECON 200 - Microeconomic Principles
- ECON 320 - Natural Resource Economics
  - ECON - Environment, Economics and Policy (3)
  - EDUC - Educating for Place (3)
- ENTR 311 - New Venture Planning

### Required Core Courses with Ecological Focus: 6 Credit Hours

- ENGL 348 - Literature and the Environment (3)
- THEO 379 - Simple Faith (3)
- CHEM 102 - Chemistry: Environ & Energy AND
- CHEM 103 - Chemistry: Environ & Ener Lab

TOTAL Minimum Hours Required for Degree: 120 Semester Hours

## B.S. Land, Farming and Community

### Freshman Year

#### Fall Semester

- Historical Perspectives
- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations
  - Foreign Language I
- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
  - CORE 101

TOTAL (17)

#### Spring Semester

- CORE 100 - First Year Seminar
- CORE 102
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
  - Mathematical Perspectives
  - Foreign Language II
- SUST 391 - LAND Practicum



## TOTAL (15)

### Sophomore Year

#### Fall Semester

- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- ECON 200 - Microeconomic Principles
- ACCT 200 - Introductory Financial Acct
  - SUST 370 - Agroecology
  - SUST 371 - Agroecology Lab
  - SUST 391 - LAND Practicum

## TOTAL (15)

### Spring Semester

- ENTR 311 - New Venture Planning
- PHIL 100 - Ethics as Intro to Philosophy
  - HIST 398 - History of Agriculture
  - THEO 256 - Theologies of Food and Farming
  - SUST 391 LAND Practicum
  - Elective

## TOTAL (16-17)

### Junior Year

#### Fall Semester

- ECON 320 - Natural Resource Economics

- BIOL 210 - General Botany OR
- CHEM 102 - Chemistry: Environ & Energy AND
- CHEM 103 - Chemistry: Environ & Ener Lab
  - SUST 405 - Sustainable Communities
  - SUST 391 - LAND Practicum
- ENGL 205 - Literature & Moral Imagination

TOTAL (14-15)

## Spring Semester

- BIOL 270 - Introduction To Entomology OR
- CHEM 102 - Chemistry: Environ & Energy AND
- CHEM 103 - Chemistry: Environ & Ener Lab
  - ECON 421 - Environment, Economics & Policy
  - SUST 393 - LAND Practicum
  - Creative Perspectives
- PHIL 290 - Theory of Knowledge

TOTAL (16-17)

## Senior Year

### Fall Semester

- SUST 399 - LAND Practicum
- SUST 400 - LAND Capstone
- Elective

TOTAL (15)

### Spring Semester

- SUST 399 - LAND Practicum
- SUST 400 - LAND Capstone

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 or the major.
- Diversity Curriculum Requirement electives may be used to satisfy other elements of the core or major.
- A minimum of 120 credit hours is required for the degree.

## Bachelor of Liberal Arts

### Bachelor of Liberal Arts, BLA

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. It is available to any student who has 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 special accelerated Weekend Degree Program.

## Requirements for the Bachelor of Liberal Arts

### Core Curriculum Requirements:

Consult Undergraduate Core Curriculum for details.

### Upper Division Studies Requirement: 35 Credit Hours, plus LART 495, BLA Capstone course, 3 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, including LART 495, BLA Capstone course (courses numbered 200-499), with no more than 21 hours from one subject area.
- It is recommended that these 38 hours be distributed across two academic areas.
- No more 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 300 - Managerial Behavior
- MGMT 309 - Change Management
- MGMT 314 - Leadership

### Electives: 9 Credit Hours (Select from the following list)

- MGMT 301 - Managerial Communications
- MGMT 325 - International Management
- MGMT 385 - Project Management
- COMM 207 - Interpersonal Communication
- COMM 209 - Group Dynamics
- 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)

- COMM 477 - Strat Comm Ethics Society
- MGMT 300 - Managerial Behavior
- MGMT 301 - Managerial Communications
- INFO 120 - Introduction to Business Tech
- INFO 220 - Mgmnt of Info Tech

Free Electives: 10 Credit Hours

TOTAL REQUIRED for BLA DEGREE: 120 Credit Hours

Note(s):

**Two other Bachelor of Liberal Arts degree programs are available in the College of Social Sciences, Health and Education.**

A.

See the Occupational Therapy Department for information about the Bachelor of Liberal Arts degree with a concentration in *Human Occupation Studies*.

B.

See the Radiologic Technology Department for information about the Bachelor of Liberal Arts degree with a concentration in *Magnetic Resonance Imaging (MRI)*.

## **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

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 2.000 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 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.

## Master of Arts

### Urban Sustainability, M.A.

Urban sustainability involves a reexamination of urban and regional development and an understanding of the role of cities in global environmental change. The challenge is to make cities centers of engaged citizenship and humane living rather than the source of continued environmental and resource degradation.

The challenges of urban sustainability demand of its professionals a broad, multi-faceted, interdisciplinary education, including work in the humanities that speak to the ultimate purposes of urban life. Xavier University's M.A. in urban sustainability provides the breadth of complementary approaches and interdisciplinary perspectives essential to understanding and tackling the complicated interrelationships and challenges of urban sustainability. In bringing together students and faculty from the fields of business, environmental science, public policy, and urban planning and design, the M.A. in urban sustainability produces graduates with the necessary analytical and decision-making skills for careers in the public and private sectors. The interdisciplinary mix of students and faculty provides a rich learning environment that will illuminate the critical connections at the intersection of the sciences, business, public policy, and the built environment.

## Course Sequence (40 Hours)

### Year One: Fall Semester

- HIST 536 - Urban Ecologies and Economies
- SOCI 554 - Introduction to Urban Systems
- POLI 554 - The Politics of Urban Sustainability

### Year One: Spring Semester

- SOCI 555 - Urban Development and Space
- UNST 554 - Urban Geography and GIS
- SOCI 552 - Quantitative Analysis
- Field Placement Planning

### Summer Semester

- Fieldwork and Fieldwork seminar I

### Year Two: Fall Semester

- MGMT 621 - Corporate Sustainability
- ECON 520 - Urban and Regional Economics
- COMM 554 - Strategic Organizational Communication

### Year Two: Spring Semester

- PHIL 554 - Eco-Systems Thinking
- PHIL 506 - Social Justice in the City
- HIST 554 - The City as Vocation (4 Tracks)
  - Urban Planning & Community Organizing
  - Politics and Urban Administration
  - Sustainability Initiatives in the Corporate and Non-Profit Sectors
  - Scientific-Technical Research in Sustainability

# 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 (39 hours)

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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

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.

## 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

#### First Semester (fall)

- MATH 170 - Calculus I
- MATH 225 - Foundations Of Higher Math
  - Historical Perspectives
  - CORE 100 - First Year Seminar
  - CORE 101 - First Year Co-Curricular Program I (GOA)
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (16)

#### Second Semester (spring)

- MATH 171 - Calculus II
- ECON 200 - Microeconomic Principles
- MACS 101 - Intro To Actuarial Science
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
  - CORE 102 - First Year Co-Curricular Program II (GOA)

Total (16)

### Sophomore Year

## First Semester (fall)

- MATH 220 - Calculus III
- MATH 256 - Intro to Probability & Stats
- ACCT 200 - Introductory Financial Acct
- ECON 201 - Macroeconomic Principles
  - Second Language 102

Total (16)

## Second Semester (spring)

- MATH 240 - Linear Algebra
- CSCI 170 - Computer Science I
- FINC 300 - Business Finance
  - Scientific Perspectives
  - Second Language 201

Total (15)

## Junior Year

### First Semester (fall)

- MATH 311 - Probability Theory
- FINC 365 - Investments
- ENGL 205 - Literature & Moral Imagination
  - Natural Sciences Elective
  - Oral Communication

Total (16)

## Second Semester (spring)

- MATH 312 - Statistical Inference
- FINC 465 - Options & Futures Markets
- MATH 230 - Intro to Ordinary Diff Equat
  - Creative Perspectives
  - Writing Flag

Total (15)

## Senior Year

### First Semester (fall)

- PHIL 200 - Philosophical Perspectives
- Humanities Elective
- DCR Elective
- Elective
- Elective

Total (15)

### Second Semester (spring)

- MACS 201 - Actuarial Mathematics
- Theological Perspectives
- E/RS Elective
- Elective
- Elective

Total (15)

## Sequence for students beginning in the Fall of an even-numbered year

### Freshman Year

#### Frist Semester (fall)

- MATH 170 - Calculus I
- MATH 225 - Foundations Of Higher Math
  - Historical Perspectives
  - CORE 100 - First Year Seminar
  - CORE 101 - First Year Co-Curricular Program I (GOA)
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (16)

#### Second Semester (spring)

- MATH 171 - Calculus II
- MACS 101 - Intro To Actuarial Science
- ECON 200 - Microeconomic Principles
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
  - CORE 102 - First Year Co-Curricular Program II (GOA)

Total (16)

### Sophomore Year

## First Semester (fall)

- MATH 220 - Calculus III
- MATH 311 - Probability Theory
- ACCT 200 - Introductory Financial Acct
- ECON 201 - Macroeconomic Principles
  - Second Language I

Total (16)

## Second Semester (spring)

- MATH 240 - Linear Algebra
- MATH 312 - Statistical Inference
- FINC 300 - Business Finance
  - Scientific Perspectives
  - Second Language II

Total (15)

## Junior Year

### First Semester (fall)

- MATH 256 - Intro to Probability & Stats
- FINC 365 - Investments
- CSCI 170 - Computer Science I
  - Natural Sciences Elective
  - Literature & Moral Imagination

Total (16)

## Second Semester (spring)

- FINC 465 - Options & Futures Markets
  - MACS 201 - Actuarial Mathematics
  - Oral Communication Flag
  - Writing Flag
  - Creative Perspectives

Total (15)

## Senior Year

### First Semester (fall)

- PHIL 290 - Theory of Knowledge
  - Humanities Elective
  - E/RS Elective
  - Elective
  - Elective

Total (15)

### Second Semester (spring)

- MATH 230 - Intro to Ordinary Diff Equat
  - DCR Elective
  - Theological 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.
- Writing Intensive and Oral Communication requirements may be met by other judicious choices of courses listed in the grid above.

## Mathematics with Concentration in Economics, B.S.

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:

30 credit hours

- CSCI 170 - Computer Science I
- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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

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 371 - Real Analysis II
- MATH 380 - Intro to Complex Variables

## Economics Concentration Requirements:

24 credit hours, as follows:

- STAT 210 - Statistics For Business I
- 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
  - ECON additional elective (numbered above ECON 307) (3 credit hours)

## 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 and Computer Science 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 170 - Calculus I
- 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 (16)

## Second Semester

- MATH 171 - Calculus II
- MATH 225 - Foundations Of Higher Math
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
  - Second Language II
  - CORE 102 - First Year Co-Curricular Program II (GOA)

Total (16)

## Sophomore Year

### First Semester

- MATH 220 - Calculus III
- ECON 200 - Microeconomic Principles
  - Historical Perspectives
  - Literature & Moral Imagination
  - PHIL 200 - Philosophical Perspectives
  - Writing Flag

Total (16)

### Second Semester

- MATH 240 - Linear Algebra
- ECON 201 - Macroeconomic Principles
  - MATH Elective
  - Creative Perspectives
  - Theological Perspectives

Total (15)

## Junior Year

### First Semester

- MATH 340 - Abstract Algebra I
- ECON 305 - Microeconomic Analysis
  - MATH Elective
  - Scientific Perspectives, Lecture & Lab (4)
  - Oral Communication Flag

Total (16)

### Second Semester

- MATH 370 - Real Analysis
- MATH 391 - Mathematics Seminar I
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
  - MATH Elective
  - Natural Sciences Elective, Lecture & Lab (4)

Total (17)

## Senior Year

### First Semester

- MATH 392 - Mathematics Seminar 2
- ECON 350 - Business Cycles & Forecasting

or

- ECON 495 - Markets, Strategy & Rivalry
  - ECON Elective
  - E/RS Elective
  - Elective
  - Elective

Total (16)

### Second Semester

- MATH 393 - Mathematics Seminar 3
  - Humanities Elective
  - DCR Elective
  - Elective
  - Elective

Total (14)

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum " requirements of the Catalog.
- The MATH Elective courses should be chosen under the guidance of the student's advisor from the following:
  - MATH 230 - Intro to Ordinary Differential Equations
  - MATH 256 - Intro to Probability & Statistics
  - 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 371 - Real Analysis II
  - MATH 380 - Intro to Complex Variables
- The ECON Elective course must be chosen from courses numbered above ECON 307.

## 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

and

- BIOL 162 - General Biology II with
- BIOL 163 - General Biology II Lab

or

- CHEM 160 - General Chemistry I with
- CHEM 161 - General Chemistry I Lab

and

- CHEM 162 - General Chemistry II with
- CHEM 163 - General Chemistry II Lab

or

- PHYS 170 - University Physics I with
- PHYS 161 - Introductory Physics Lab I

and

- 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

24 hours from:

- MATH 170 - Calculus I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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 371 - Real Analysis II
- 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 170 - Calculus I
- CSCI 170 - Computer Science I
  - Second Language I
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  - CORE 100 - First Year Seminar
  - CORE 101 - First Year Co-Curricular Program I (GOA)

Total (16)

##### Second Semester

- MATH 171 - Calculus II
- MATH 225 - Foundations Of Higher Math
  - Second Language II
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
  - CORE 102 - First Year Co-Curricular Program II (GOA)

Total (16)

## Sophomore Year

### First Semester

- MATH 220 - Calculus III
  - Historical Perspectives
  - Literature & Moral Imagination
  - PHIL 200 - Philosophical Perspectives
  - Writing Flag

Total (16)

### Second Semester

- MATH 240 - Linear Algebra
  - MATH Elective
  - Creative Perspectives
  - Theological Perspectives
  - Elective

Total (15)

## Junior Year

### First Semester



**MATH 340 - Abstract Algebra I**

- MATH Elective
- Scientific Perspectives, Lecture & Lab (4)
- Oral Communication Flag
- Elective

**Total (16)**

**Second Semester**

- MATH 370 - Real Analysis
  - MATH Elective
- MATH 391 - Mathematics Seminar I
  - Natural Sciences Elective, Lecture & Lab (4)
  - 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
  - Elective
  - 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.
- \* Courses filling other core requirements may also fulfill the Diversity Curriculum Requirement.

## 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, 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 of courses, including CSCI 170, MATH 170, MATH 171, and at least nine additional elective hours selected from the following:

### Nine hours of electives from the following:

- MATH 220 Calculus III
- MATH 225 Foundations Of Higher Math through MATH 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 Calculus III
- 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
  - MACS 201 - Actuarial Mathematics
- ECON 350 - Business Cycles & Forecasting
- INFO 329 - Data Mining
  - A course approved by the department and selected under the guidance of a faculty advisor.

## 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,

## 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

- CSCI 290 - Project in Applied Computation

## 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.

## Music and Theatre

The Department of Music and Theatre offers Bachelor of Arts degrees in Music, Sacred Music, and Theatre, Bachelor of Science degrees in Music Education and Theatre Education (both in conjunction with the Department of Education), and minors in Music, 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 upon departmental approval, 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.

## Requirements for the Music Major

### Core Curriculum Requirements:

45 credit hours in addition to the requirements for the major (see Undergraduate Core Curriculum in the Catalog).

### Major Requirements:

40 credit hours, as follows

### 28 hours from:

- MUSC 199 - Recital Attendance
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I

- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- MUSC 210 - Music History I
- MUSC 211 - Music History II
  - MUSC 212 - World & Popular Music
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- MUSC 303 - Aural Skills IV
- MUSC 310 - Music History III: Seminar
- MUSC 400 - Form and Analysis

### 6 hours of Private Lessons from:

- MUSC 278-299 (Refer to Course Descriptions.)

### 6 hours of participation in a large ensemble:

- MUSC 259 - XU Men's Chorus
- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 270 - Chamber Orchestra

### Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons.
- Pass a piano proficiency examination before graduation..
- Present a recital (MUSC 450) or write a thesis in major area of concentration during the final year.
- Recital attendance (minimum of 42 recitals, 7 each semester of MUSC 199).

### Note(s):

- A 2.000 cumulative average must be attained in these music courses.
- Students are admitted to the degree programs based upon their musicality and musical literacy rather than on performance accomplishments. Musical background and proficiency in an applied instrument/voice will determine placement within the department.
- For a copy of Policies and Guidelines, contact the Department of Music Office.

## 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
  - Private lesson
  - Large Ensemble
  - CORE 100 - First-Year Seminar
  - Foreign Language Elective 1
  - Scientific Perspectives

Total (15)

### Second Semester

- MUSC 199 - Recital Attendance
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- THEO 111 - Theological Foundations
  - Private lesson
  - Large Ensemble
  - Foreign Language Elective 2
  - Natural Science Elective

Total (15)

## Sophomore Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 210 - Music History I
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (15)

## Second Semester

- MUSC 199 - Recital Attendance
- MUSC 211 - Music History II
- MUSC 303 - Aural Skills IV
- PHIL 100 - Ethics as Intro to Philosophy
  - Private lesson
  - Large Ensemble
  - Mathematical Perspectives
  - Free Elective

Total (15)

## Junior Year

### First Semester

- MUSC 199 - Recital Attendance
- Private Lesson
- Large Ensemble
- Theological Perspectives
- ENGL/CLAS/SPAN 205 - Literature & The Moral Imagination
- Free Elective
- MUSC 310 - Music History III: Seminar

Total (17)



## Second Semester

- MUSC 199 - Recital Attendance
- MUSC 304 - Producing Electronic Music I
- MUSC 400 - Form and Analysis
  - MUSC 450 - Senior Recital
  - Private Lesson
  - Large Ensemble
  - Theological Perspectives
  - Free Elective
  - Free Elective

Total (14)

## Senior Year

### First Semester

- Humanities Elective
- Philosophical Perspectives
- Free Elective
- Free Elective
- Free Elective

Total (15)

### Second Semester

- Historical Perspectives
- Social Science Elective
- Free Elective
- Free Elective
- Free Elective

Total (15)

## Scheduling Notes:

- The number of free electives will be reduced if the 5 "flag" requirements (ERS, Diversity, Writing, Oral, and Quantitative) are not fulfilled by courses in the core or major.

## 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 Literature
- THTR 120 - Acting I
  - THTR 150 - Stagecraft
- THTR 198 - Theatre Technology Workshop \*
- THTR 199 - Theatre Performance Workshop \*
  - THTR 201 - Theatre History I
  - THTR 202 - Theatre History II
  - THTR 210 - Script Analysis
  - THTR 310 - Directing
  - THTR 350 - Internship
  - THTR 450 - Senior Thesis

\* Students must take at least one each of 198 and 199

#### Theatre Performance/Production Courses, 15 credits from:

- THTR 121 - Voice and Movement
- THTR 160 - Improvisation
  - THTR 220 - The Audition Process \*\*
  - THTR 310 - Acting II
  - THTR 330 - Set Design
  - THTR 331 - Lighting Design
  - THTR 332 - Costume Design
  - THTR 340 - Stage Management
  - THTR 420 - Acting III
  - THTR 430 - Theatre Portfolio \*\*
  - Other Classes as approved by the Chair of Theatre

\*\* Students must take either THTR 220 or 430

### 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**

### 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 Elective requirement may be used to satisfy another element of the core or the major.
- A minimum of 120 credit hours is required for the degree.

## **Bachelor of Science**

## **Music Education, B.S.**

## 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:

93 credit hours, as follows

49 hours in music courses from:

- MUSC 199 - Recital Attendance
- MUSC 200 - Music Theory I
- MUSC 201 - Aural Skills I
- MUSC 202 - Music Theory II
- MUSC 203 - Aural 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 302 - Music Theory IV
- MUSC 303 - Aural Skills IV
- MUSC 304 - Producing Electronic Music I
  - MUSC 312 - Conducting I
  - MUSC 313 - Conducting II
- MUSC 320 - Instrumental Methods
- MUSC 321 - Choral Methods
- MUSC 350 - Functional Piano
- MUSC 351 - String Techniques
- MUSC 352 - Woodwind Techniques
- MUSC 353 - Brass Techniques
- MUSC 354 - Percussion Techniques
- MUSC 401 - Orchestration Arranging

1 hour from a choice of either:

- MUSC 151 - Class Voice
- MUSC 152 - Class Guitar
- MUSC 268 - Guitar Ensemble

### 7 hours of Private Lessons from:

- MUSC 278-299 (Refer to Course Descriptions.)

### 7 hours of participation in a large ensemble from:

- MUSC 259 - XU Men's Chorus
- MUSC 260 - Concert Choir
- MUSC 261 - XU Women's Chorus
- MUSC 265 - Symphonic Wind Ensemble
- MUSC 270 - Chamber Orchestra

### 1 hour of participation in a small ensemble from:

- MUSC 263 - Edgecliff Vocal Ensemble
- MUSC 267 - Percussion Ensemble
- MUSC 268 - Guitar Ensemble
- MUSC 269 - Chamber Music Ensemble
- MUSC 271 - Jazz Orchestra
- MUSC 277 - Piano Ensemble
- MUSC 340 - Opera Workshop

### 19 hours of education courses required from:

- EDFD 110 - Human Development & Learning
- EDMS 131 - Professional Education
- EDSP 200 - Sp Ed: Identification & Issues
- EDMS 350 - Technology & Topics for Educat
- EDSP 380 - Classroom Management
- EDMS 411 - Clinical Experiences
- EDRE 471 - Content Area Literacy

### 9 hours of student teaching and seminar for certification from:

- EDMS 471 - Student Teaching: Multi-Age

### Additional Requirements:

- Pass applied music examination at the end of each semester of private lessons..
- Pass a piano proficiency examination before graduation.

- Present a recital or write a thesis 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.
- Students are admitted to the degree programs based upon their musicality and musical literacy rather than on performance accomplishments. Musical background and proficiency in an applied instrument/voice will determine placement within the department.
- For a copy of Policies and Guidelines, contact the Department of Music.

## TOTAL Minimum Hours Required for Degree: 132 Credit Hours

## B.S. 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
- EDMS 131 - Professional Education
  - Private Lesson
  - Large Ensemble
  - CORE 100 - First-Year Seminar
  - Foreign Language Elective I
  - Scientific Perspectives

Total (18)

### Second Semester

- MUSC 199 - Recital Attendance
- MUSC 202 - Music Theory II
- MUSC 203 - Aural Skills II
- THEO 111 - Theological Foundations
- EDFD 110 - Human Development & Learning
  - Private Lesson
  - Large Ensemble
  - Foreign Language Elective 2
  - Natural Science Elective

Total (18)

## Sophomore Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 210 - Music History I
- MUSC 300 - Music Theory III
- MUSC 301 - Aural Skills III
- EDSP 200 - Sp Ed: Identification & Issues
  - MUSC 312 - Conducting I
  - Private Lesson
  - Large Ensemble
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (18)

### Second Semester

- MUSC 199 - Recital Attendance
- MUSC 211 - Music History II
- MUSC 302 - Music Theory IV

- MUSC 303 - Aural Skills IV
  - MUSC 313 - Conducting II
- MUSC 351 - String Techniques
- PHIL 100 - Ethics as Intro to Philosophy
  - Private Lesson
  - Large Ensemble

Total (16)

## Junior Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 151 - Class Voice or
- MUSC 152 - Class Guitar or
- MUSC 268 - Guitar Ensemble
  
- MUSC 320 - Instrumental Methods
- MUSC 350 - Functional Piano
- EDSP 380 - Classroom Management
  - Humanities Elective
  - ENGL/CLAS/SPAN 205 - Literature & The Moral Imagination

Total (18)

### Second Semester

- MUSC 199 - Recital Attendance
- MUSC 304 - Producing Electronic Music I
  - MUSC 352 - Woodwind Techniques
  - Private Lesson
  - Large Ensemble
  - Mathematical Perspectives
  - Philosophical Perspectives
- MUSC 221 - Elementary Methods
- EDMS 350 - Technology & Topics for Educat

Total (18)



## Senior Year

### First Semester

- MUSC 199 - Recital Attendance
- MUSC 401 - Orchestration Arranging
- MUSC 354 - Percussion Techniques
- EDMS 411 - Clinical Experiences
- MUSC 321 - Choral Methods
  - Private Lesson
  - Large Ensemble
  - Small Ensemble
  - MUSC 450 - Senior Recital
  - Theological Perspectives

Total (14)

### Second Semester

- EDMS 471 - Student Teaching: Multi-Age
- 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.

## **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 110 - Survey of Dramatic Literature
- THTR 120 - Acting I
- THTR 150 - Stagecraft I
  - THTR 198 - Theatre Technology \*
  - THTR 199 - Performance Workshop \*
  - THTR 201 - Theatre History I
  - THTR 202 - Theatre History II
  - THTR 210 - Script Analysis
  - THTR 310 - Directing

\* Students must take at least one each of THTR 198 and THTR 199

### Theatre Performance/Production Courses:

12 credits from:

- THTR 121 - Voice and Movement
- THTR 160 - Improvisation
- THTR 220 - Improvisation for the Actor or
  - THTR 430 - Theatre Portfolio

- THTR 320 - Acting II
- THTR 330 - Set Design
- THTR 331 - Lighting Design
- THTR 332 - Costume Design
- THTR 340 - Stage Management
- THTR 420 - Acting III

## Theatre Electives:

3 credits from:

- COMM 235 - Digital Design
- ENGL 425 - Shakespeare
- ENGL 472 - Modern Drama
- MUSC 100 - Basic Music Theory
- MUSC 158 - Ballet I
- MUSC 159 - Ballet II
- MUSC 160 - Ballet Intermediate/Advanced
- MUSC 250 - Private Lesson: Alex Tech
- MUSC 282 - Private Lesson: Voice

## Education Requirements:

31 credits:

- EDMS 131 - Professional Education
- EDSP 200 - Sp Ed: Identification & Issues
- EDFD 110 - Human Development & Learning
- EDRE 471 - Content Area Literacy
- EDMS 350 - Technology & Topics for Educat
  - EDMS 33X - Teaching Methods: Elementary Drama (3)
  - EDMS 33X - Teaching Methods: Secondary Drama (3)
- EDMS 411 - Clinical Experiences
  - EDMS 47X - Student Teaching (9)

## 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

### Minors

#### Music Performance Minor

23 total credit hours are required, as follows:

11 hours of music courses from:

- MUSC 111 - Music: The Art of Listening
- MUSC 200 - Music Theory I
- 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)

6 hours in an Private Lessons from:

- MUSC 278-299 (6 semesters at 1 credit each) (Refer to Course Descriptions )

6 hours in a Large Ensemble from:

- MUSC 259, 260, 261, 265, 270, 271 (Refer to Course Descriptions )

#### Note(s):

- Attendance at a minimum of 21 recitals (7 each semester of MUSC 199).
- A 2.000 cumulative average must be attained in these courses.
- A student recital (MUSC 450) is optional.

## Music Studies Minor

23 total credit hours are required, as follows:

11 hours of music courses from:

- MUSC 111 - Music: The Art of Listening
- MUSC 200 - Music Theory I
- 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)

12 hours of Music electives:

- MUSC 200 and above (Refer to Course Descriptions )

Note(s):

- Attendance at a minimum of 21 recitals (7 each semester of MUSC 199).
- 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. 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.

21 total credits are required, as follows:

Music Courses:

- MUSC 100 - Basic Music Theory
- MUSC 282 - Private Lesson: Voice

## Dance Courses:

- Four Classes, at least two in the same area
- MUSC 154 - Dance & Movement - Bgnr Tap
- MUSC 155 - Dance & Movement - Bgnr Jazz
- MUSC 156 - Dance & Movement - Adv Tap
- MUSC 157 - Dance & Movement - Adv Jazz
- MUSC 158 - Ballet I
- MUSC 159 - Ballet II
- MUSC 160 - Ballet Intermediate/Advanced

## Music/Theatre Classes:

- MUSC/THTR 219 - American Musical Theater

## Theatre Classes:

- THTR 100 - Introduction to the Theatre
- THTR 120 - Acting I

## Performance Classes:

- Cast in a Musical Production from:
  - THTR 199 - Theatre Performance Workshop
  - MUSC 340 - Opera 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:**

39 credit hours, as follows

## 12 hours beyond PHIL 100 (which is not part of the major):

- PHIL 200 - Philosophical Perspectives
- PHIL 311 - Logic
- PHIL 340 - Metaphysics
- PHIL 398 - Thesis Review I (minimum grade of C)
- PHIL 399 - Thesis Review II (includes thesis and oral examination)

## 9 hours of History of Philosophy:

- PHIL 301 - Ancient Philosophy
- PHIL 302 - Medieval Christian Philosophy or
- PHIL 309 - Medieval Islamic Phil & Influe or
- PHIL 363 - Medieval Political Philosophy
- PHIL 304 - Early Modern Philosophy

## 15 hours of major electives chosen from:

- PHIL 300-397

## 3 hours of electives, other than any classes fulfilling core curriculum requirements, from one of the following departments:

- Classics and Modern Languages (other than language instruction)
- English
- History
- Theology

## Additional Requirements:

- At least one course numbered 300-397 must be a seminar, which may be restricted to students majoring or minoring in Philosophy.

## Note(s):

- A 2.000 cumulative average must be attained for all PHIL courses.
- A minimum grade of C is required in PHIL 398.

## 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.

Candidates for departmental honors will have the following requirements, in addition to the standard requirements for the major:

## Co-requirements: foreign language and mathematics

- **Foreign language:** by the conclusion of senior year, candidates for departmental honors will have to pass a translation exam in Latin, Greek, French, or German. The exam will allow students two hours to translate one page of a text with the use of a dictionary. The time of the exam and the passage translated will be determined by faculty from the department. This examination does not count for any credit hours.
- **Mathematics:** candidates for departmental honors will be required to complete at least 6 hours of mathematics; the courses will be determined by their math placement exam upon matriculation to the University. The courses may also fulfill core curriculum requirements.

## Honors Thesis:

- To receive departmental honors, a student must receive a minimum grade of B+ on his or her senior thesis.

## Written Comprehensive Exam:

- Candidates for departmental honors will take a written comprehensive exam consisting of four questions. One question will come from each course in the student's nine-hour history of philosophy sequence, and one will come from a course of the student's own choosing.

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

## 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.

## Master of Arts

### Private Interests and Public Good, M.A.

Rooted in the Jesuit tradition of educating the <sup>the</sup>whole person, the two-year master's cohort program is designed for community-engaged leaders and professionals working in such public arenas as non-profits, corporate social responsibility, media, public policy, health care and education. The graduate program reimagines the relationship between private interests and public good. The public-private framework emerges from the interactions among various stakeholders like businesses, non-profits, community organizations, think tanks, interest groups, and individual citizens. The resources, capabilities and efficiencies of these different stakeholders converge on social and economic issues that need our urgent attention.

The Master of Arts in Private Interests and Public Good (PIPG) takes a multi-disciplinary and experiential approach to train students to critically evaluate the

impact of social problems on the public, and to situate themselves and their organizations as solutions. Graduates are able to articulate their vision, design and develop innovative systems, critically engage with and begin to solve complex problems, make decisions based on careful planning and evaluation of risk, and effectively communicate. Students are required to apply their knowledge and expertise to pressing and interesting problems through a chosen experiential project that includes a field experience and thesis.

## Admission Criteria

To be considered for admission as a degree-seeking graduate student, students must first submit the following to the Office of the Graduate School:

- Completed application at [www.xavier.edu/grad](http://www.xavier.edu/grad).
- Official transcript of all undergraduate and graduate work.
- Current and updated resumé/CV.
- A 500-word minimum statement of purpose.
- Two letters of reference from individuals commenting on the applicant's academic/professional potential.
- Official test scores from the Graduate Record Exam (GRE).
- TOEFL (Test of English as a Foreign Language) or IELTS (International English Language Testing System) test scores for all sections are required of applicants whose native language is not English or whose four-year undergraduate degree program was not in English.

Application deadline is June 1, 2015. Applicants are encouraged to meet with the program director prior to completing the application process. Please contact the Office of the Graduate School to learn more and apply (513-745-3360).

## Curriculum (36 Credit Hours)

### Year One

#### Fall Semester

- Private Interests & Public Good I
- Media, Democracy, & Public Sphere
- Advanced Public Policy Practice

#### Spring Semester

- Private Interests & Public Good II
- Advanced Political Analysis
- Economics of Public Policy

#### Summer Semester

- Innovation
- Computers, Algorithms, and Security

## Year Two

### Fall Semester

- Field Experience

### Spring Semester

- Thesis

## Minors

### Philosophy Minor

18 total credit hours are required, as follows:

6 hours of philosophy courses from:

- PHIL 200 - Philosophical Perspectives
- PHIL 340 - Metaphysics

3 hours of a “history of philosophy” elective selected from:

- PHIL 300-309 (Refer to Course Descriptions.)
- PHIL 354 - Classical American Philosophy
- PHIL 362 - Ancient Political Philosophy
- PHIL 363 - Medieval Political Philosophy
- PHIL 364 - Modern Political Philosophy

(or otherwise, as approved by the chair)

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 two degrees: the Bachelor of Science in Physics and the Bachelor of Science in Applied Physics, as well as a minor in Physics. Also, the Bachelor of Science in Teaching Life Sciences and Physics is offered in cooperation with the Department of Education.

### Bachelor of Science

### Applied Physics, B.S., Option A: Alternate Concentration

#### Bachelor of Science Degree in Applied Physics

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts, along with specialized training for students interested in engineering, medical school, health sciences, education, business, social sciences, or the humanities.

The Alternate Concentration option provides maximum flexibility to students who are interested in pursuing interdisciplinary programs. This program combines the study of physics with a concentrated study in another area or discipline. Concentrations must include at least 18 hours in one chosen area, and allows for almost all University minors to be included within the program electives. Areas of concentration may be chosen from the sciences, mathematics, the humanities, the social sciences, business, and education. If mathematics is selected as an area of concentration, the courses must be in addition to those required by the Applied Physics major.

#### Requirements for the Applied Physics Major with Alternate Concentration

Core Curriculum Requirements:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

### Mathematical Perspectives:

- MATH 170 - Calculus I

### Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

- Included within the major.

### Major Requirements:

67 credit hours, including:

#### 35 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Physics Lab
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

### Additional Major Requirements

- 32 credit hours, as follows

#### 14 hours of Mathematics and Computer Science:

- CSCI 170 - Computer Science I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- MATH 230 - Intro to Ordinary Diff Equat

### 18 hours in an alternate concentration:

- At least 18 hours in one area determined in consultation with the chair. If the concentration is in mathematics, the 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**

## B.S. Applied Physics

### Option A: Alternate Concentration

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

### Freshman Year

#### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 170 - Calculus I
  - First Year Seminar
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (14)

## Second Semester

- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- MATH 171 - Calculus II
- CSCI 170 - Computer Science I
- THEO 111 - Theological Foundations

Total (14)

## 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 - Calculus III
  - Second Language I

Total (16)

### Second Semester

- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- MATH 230 - Intro to Ordinary Diff Equat
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language II
  - ENGR 180 - Intro to MATLAB (recommended)

Total (14)

## Junior Year

### First Semester

- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 355 - Advanced Physics Lab
  - Program Electives \* (4)
  - Historical Perspectives Elective

Total (15)

### Second Semester

- Program Electives\* (4)
- Theological Perspectives Elective
- Lit. & Moral Imagination 205
- DCR or General Elective
- PHIL 200 - Philosophical Perspectives

Total (16)

## Senior Year

### First Semester

- PHYS 395 - Physics Research
  - Program Electives\* (6)
  - Social Science Elective
  - Writing Intensive or General Elective
  - E/RS or General Elective

Total (16)



## Second Semester

- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 398 - Physics Thesis
  - Program Elective \* (4)
  - Creative Perspectives elective
  - E/RS or General Elective

Total (15)

## Scheduling Notes:

\* Program electives will depend on the student's choice of concentration. Specific block schedules are determined in consultation with the chair. If the concentration is in mathematics, the courses must be in addition to those already required by the major.

- 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.

## Applied Physics, B.S., Option B: Natural Sciences

### Bachelor of Science Degree in Applied Physics

The applied physics program is designed to provide a broad education in the physical sciences, mathematics, and liberal arts, along with specialized training for students interested in engineering, medical school, health sciences, education, business, social sciences, or the humanities.

The Natural Sciences option offers an alternative to the Natural Sciences major that allows students to study physics while preparing for medical, dental, or veterinary school. This program may also be of interest to students who wish to pursue careers in medical physics, radiological physics, and other health physics programs. The Natural Sciences program combines courses in physics, mathematics, and computer science with the chemistry and biology courses needed to fulfill the requirements for the Natural Sciences minor.

It is recommended that students interested in the Applied Physics/Natural Sciences program also consider the Biophysics program as an alternative.

### Requirements for the Applied Physics Major with a Natural Sciences concentration

#### Core Curriculum Requirements:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

### Mathematical Perspectives:

- MATH 170 - Calculus I

### Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

- Included within the major.

### Social Sciences Elective:

- PSYC 101 - General Psychology

or

- SOCI 101 - Introduction to Sociology

Note - both courses are required for the MCAT

### Major requirements:

76 credit hours, including:

### 33 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

## Additional Major Requirements

43 credit hours, as follows

14 hours of Mathematics and Computer Science from:

- CSCI 170 - Computer Science I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- MATH 230 - Intro to Ordinary Diff Equat

16 hours of Chemistry courses 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

13 hours of Biology courses from:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- BIOL 440 - Biochemistry

Note(s):

- A 2.000 cumulative average must be attained within the major, as listed in Degree Works.
- In order to be on track to take the MCAT between the junior and senior year, pre-med students should take General Chemistry I and II (plus labs) during their first year. Pre-med students are strongly encouraged to speak to their advisor regarding their course schedule as soon as possible.
- 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 minimum competences for first year medical students but are not required for MCAT performance.

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

- This number assumes that the ER/S, DCR and Writing Intensive Electives are fulfilled with other core courses.

## B.S. Applied Physics

### Option B: Natural Sciences

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

#### Freshman Year

##### First Semester

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- MATH 170 - Calculus I
- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
  - First Year Seminar

Total (15)

##### Second Semester

- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 171 - Calculus II
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- THEO 111 - Theological Foundations

Total (15)

#### Sophomore Year

## First Semester

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- MATH 220 - Calculus III
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric

Total (16)

## Second Semester

- MATH 230 - Intro to Ordinary Diff Equat
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab
- PHIL 100 - Ethics as Intro to Philosophy

Total (15)

## Junior Year

### First Semester

- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- BIOL 440 - Biochemistry
- PSYC 101 - General Psychology
  - Second Language I

Total (18)

## Second Semester

- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- CSCI 170 - Computer Science I
- SOCI 101 - Introduction to Sociology
  - Lit. & Moral Imagination 205
  - Second Language II
  - Writing Intensive elective

Total (16)

## Senior Year

### First Semester

- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 395 - Physics Research
  - Historical Perspectives elective
  - PHIL 200 - Philosophical Perspectives
  - Humanities elective

Total (16)

### Second Semester

- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 398 - Physics Thesis
  - Creative Perspectives elective
  - Theological Perspectives elective
  - E/RS Focus Elective

- DCR elective

Total (17)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" description 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.

## 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:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

### Mathematical Perspectives:

- MATH 170 - Calculus I

### Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

- Included within the major.

## Major Requirements:

71 credit hours, including:

### 25 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- PHYS 350 - Theoretical Mechanics I
  - PHYS 387 - Biophysics
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

### 16 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

### 8 hours of biology courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 440 - Biochemistry

### 7 hours of mathematics courses:

- MATH 171 - Calculus II
- MATH 230 - Intro to Ordinary Diff Equat



## 15 credit hours of natural sciences electives:

At least five hours of electives must be in physics.

- BIOL 222 - Immunology
- BIOL 230 - Genetics
- BIOL 231 - Genetics Laboratory
- BIOL 360 - Cell Biology
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab
  
- CHEM 220 - Principles of Physical Chem
- CHEM 320 - Physical Chemistry I
- CHEM 322 - Physical Chemistry II
- CHEM 325 - Physical Chemistry Laboratory
- CHEM 330 - Quantum Chemistry
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
  
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 355 - Advanced Physics Lab
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 376 - Quantum Mechanics I
- PHYS 377 - Quantum Mechanics II
- PHYS 382 - Thermodynamics

## 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
- Students interested in an advanced degree in biophysics are encouraged to take PHYS 382 Thermodynamics as one of their physics electives.

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

- This number assumes that at least one of the ER/S, DCR or Writing Intensive Electives are fulfilled with other core courses.

## B.S., Biophysics

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

### Freshman Year

#### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- MATH 170 - Calculus I
  - First Year Seminar

Total (16)

#### Second Semester

- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- MATH 171 - Calculus II
- THEO 111 - Theological Foundations
- PHIL 100 - Ethics as Intro to Philosophy

Total (14)

### 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
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric
  - Second Language I

Total (15)

## Second Semester

- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- CHEM 162 - General Chemistry II
- CHEM 163 - General Chemistry II Lab
- MATH 230 - Intro to Ordinary Diff Equat
  - Second Language II

Total (14)

## Junior Year

## First Semester

- PHYS 350 - Theoretical Mechanics I
- CHEM 240 - Organic Chemistry I
- CHEM 241 - Organic Chemistry I Lab
  - PHYS/CHEM/BIOL Elective (3)
  - Philosophy 200 - Philosophical Perspectives
  - Lit. & Moral Imagination 205

Total (16)

## Second Semester

- Physics Elective (3)
- CHEM 242 - Organic Chemistry II
- CHEM 243 - Organic Chemistry II Lab
  - Theological Perspectives
  - Historical Perspectives
  - PHYS/CHEM/BIOL Elective (3)

Total (16)

## Senior Year

### First Semester

- BIOL 440 - Biochemistry
- PHYS 395 - Physics Research
  - Physics Elective (3)
  - Social Sciences elective
  - Humanities elective
  - DCR or General elective

Total (16)

### Second Semester

- PHYS 387 - Biophysics (3)
- PHYS 398 - Physics Thesis
  - PHYS/CHEM/BIOL Elective (3)
  - Creative Perspectives elective
  - E/RS or General Elective
  - Writing Intensive or General elective

Total (16)

## Scheduling Notes:

- Consult the Core Curriculum requirements in 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.

## Engineering Physics, B.S.

The Engineering Physics program 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:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

### Mathematical Perspectives:

- MATH 170 - Calculus I

### Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

Included within the major.

## Major Requirements:

71 credit hours in physics, as follows:

### 23 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab

### 32 hours of engineering courses:

- ENGR 173 - Explorations in Engineering
- ENGR 180 - Intro to MATLAB
- ENGR 244 - Electronics
- ENGR 245 - Electronics Lab
- ENGR 346 - Signals, Systems & Measurements
- ENGR 347 - Signals, Systems & Measurements Lab
- ENGR 350 - Digital Logic and Circuit Design
- ENGR 354 - Microprocessors
- ENGR 358 - Analog and Digital Communication
- ENGR 370 - Fluid Mechanics
- ENGR 380 - Control Systems
- ENGR 384 - Heat Transfer
- ENGR 395 - Senior Project I
- ENGR 398 - Senior Project II

## Additional Major Requirements:

17 hours of mathematics and computer science from:

- CSCI 170 - Computer Science I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- 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

- This number assumes that at least two of the ER/S, DCR or Writing Intensive Electives are fulfilled with other core courses.

## B.S. Engineering Physics

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

### Freshman Year

#### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 170 - Calculus I
  - First Year Seminar
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric

Total (14)

#### Second Semester

- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- MATH 171 - Calculus II
- THEO 111 - Theological Foundations
- CSCI 170 - Computer Science I

Total (14)

## 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 - Calculus III
  - Second Language I

Total (16)

### Second Semester

- ENGR 180, Intro to MATLAB
- ENGR 244, Electronics
- ENGR 245, Electronics Lab
- MATH 230 - Intro to Ordinary Diff Equat
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language II

Total (14)

## Junior Year

### First Semester

- ENGR 350, Digital Logic & Circuit Design
- ENGR 370, Fluid Mechanics
- PHYS 360 - Electromagnetism I
  - Writing Intensive elective



- MATH 156 - General Statistics

Total (15)

## Second Semester

- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
  - ENGR 346, Signals, Systems & Measurements
  - ENGR 347, Signals, Systems & Measurements Lab
  - ENGR 354, Microprocessors
  - PHIL 200 - Philosophical Perspectives
  - Theological Perspectives elective

Total (17)

## Senior Year

### First Semester

- ENGR 380, Control Systems
- ENGR 384, Heat Transfer
- ENGR 395, Senior Project I
- Social Sciences elective
- Humanities elective
- Historical Perspectives elective

Total (17)

### Second Semester

- ENGR 358, Analog and Digital Communication
- ENGR 398, Senior Project II
- Creative Perspectives elective
- ER/S or General elective
- DCR or General Elective

Total (14)

## Scheduling Notes:

- Consult the 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.

## Physics, B.S.

The program in physics is designed to familiarize students with the techniques of mathematical and experimental physics that would be 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:

The general core curriculum requirements are 48-63 Credit Hours dependent on courses taken.

However, Natural Science Elective, Scientific Perspectives, Mathematical Perspectives, Oral Communication Flag, and Quantitative Reasoning Flag are satisfied by major courses, thereby leaving 39 - 48 Credit Hours outside of the major.

### Mathematical Perspectives:

- MATH 170 - Calculus I

### Scientific Perspectives, Natural Science Elective, Quantitative Reasoning and Oral Communication:

- Included within the major.

### Major Requirements:

68 - 69 credit hours in physics, as follows

## 44 hours of physics courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- PHYS 350 - Theoretical Mechanics I
- PHYS 355 - Advanced Physics Lab
- PHYS 360 - Electromagnetism I
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
- PHYS 376 - Quantum Mechanics I
- PHYS 377 - Quantum Mechanics II
- PHYS 382 - Thermodynamics
- PHYS 395 - Physics Research
- PHYS 398 - Physics Thesis

## 3 hours of physics electives (capstone course), from:

- PHYS 387 - Biophysics
- PHYS 388 - Astrophysics
- PHYS 389 - Solid State Physics
- PHYS 390 - Special Studies (area to be determined by department)

## Additional Major Requirements:

21-22 credit hours, as follows

## 4-5 hours of additional science courses from either:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab

or

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab

## 17 hours of mathematics and computer science from:

- CSCI 170 - Computer Science I
- MATH 171 - Calculus II
- MATH 220 - Calculus III
- MATH 230 - Intro to Ordinary Diff Equat
  - MATH Elective. 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.

### 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**

## B.S. Physics

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

### Freshman Year

#### First Semester

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- MATH 170 - Calculus I
  - First Year Seminar
- ENGL 101 - English Composition
- or
- ENGL 115 - Rhetoric

Total (14)

#### Second Semester

- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II
- MATH 171 - Calculus II
- CSCI 170 - Computer Science I
- THEO 111 - Theological Foundations

Total (14)

## 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 - Calculus III
  - Second Language I

Total (16)

### Second Semester

- PHYS 340 - Modern Physics II
- PHYS 341 - Modern Physics II Lab
- MATH 230 - Intro to Ordinary Diff Equat
- PHIL 100 - Ethics as Intro to Philosophy
  - Lit. & Moral Imagination 205
  - Second Language II

Total (16)

## Junior Year

## First Semester

- PHYS 350 - Theoretical Mechanics I
- PHYS 360 - Electromagnetism I
- PHYS 355 - Advanced Physics Lab
  - Mathematics Elective \*
  - CHEM/BIOL Elective + Lab

Total (15-16)

## Second Semester

- PHYS 382 - Thermodynamics
- PHYS 364 - Physical Optics
- PHYS 365 - Physical Optics Lab
  - PHIL 200 - Philosophical Perspectives
  - Theological Perspectives elective
  - Historical Perspectives Elective

Total (16)

## Senior Year

### First Semester

- PHYS 376 - Quantum Mechanics I
- PHYS 395 - Physics Research
  - Physics, Engineering, Mathematics or Computer Science Elective \*\*
  - Humanities elective
  - Social Sciences elective
  - DCR or General elective

Total (16)

## Second Semester

- PHYS 377 - Quantum Mechanics II
- PHYS 398 - Physics Thesis
  - Physics Capstone elective
  - Creative Perspectives elective
  - Writing Intensive or General elective
  - E/RS or General elective

Total (16)

## 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.

\*\*Not required, but strongly recommended for students interested in attending a graduate program.

## Scheduling Notes:

- 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.

## 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:

### 19 hours of physics and engineering courses:

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
  - ENGR 173 - Explorations in Eng. I
- PHYS 242 - Circuit Analysis
- PHYS 243 - Circuit Analysis Lab
  - ENGR 244 - Electronics
  - ENGR 245 - Electronics Lab
  - ENGR 350 - Digital Logic & Circuit Design

### A minimum of 3 hours of electives from:

- ENGR 354 - Microprocessors
- ENGR 346 & 347 - Signals and Systems & Lab
- ENGR 348 - Heat Transfer
- ENGR 372 - Wireless Systems

### 8 hours of math pre-requisites:

- MATH 171 - Calculus II
  - MATH 172 - Calculus II

## 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



or

- PHYS 170 - University Physics I
- PHYS 171 - Explorations in Physics I
- PHYS 172 - University Physics II
- PHYS 173 - Explorations in Physics II

Or any appropriate combination of the above classes.

### 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 Science  
The Minor in Political Thought  
The Minor in International Studies  
The Associate degree in Political Science

## Bachelor of Arts

### International Studies: Europe, B.A.

### Bachelor of Arts Degree in International Studies

Fields of Concentration: Europe, International Business, Latin America, or Post-Colonial Studies

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:

Europe, International Business, Latin America, or Post-Colonial Studies.

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

#### History

- Historical Perspectives in the area of concentration (Europe, Asia, Africa, Latin America). Students with a concentration in International Business may take any course in any area.

#### Language:

- For Spanish, French, or German - Intermediate Proficiency, plus 6 hours of 300-320.
- For other modern language, such as Arabic, Chinese, Italian, and Japanese: Intermediate Proficiency plus 6 hours when available either at Xavier or another institution, such as the University of Cincinnati.

#### Statistics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics or
  - Equivalent

#### Study Abroad:

- Required. Students may study in the country of their choice. Students may choose short Xavier faculty-led summer programs or full semester programs.

## Required Courses for All Concentrations

18 credit hours, as follows

6 hours of specific courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations

3 hours from a choice of either:

- POLI 390 - Sem: International Relations
  - HIST 400 Level Seminar: International topic with approval of Director

3 hours from a choice of either:

- POLI 374 - U.S. Foreign Policy
- HIST 428 - SEM: Latin Amer Revolutions

3 hours from a choice of either:

- POLI 372 - International Political Econom
- ECON 300 - Int'l Trade & Bus Environment

3 hours from study abroad:

- You may study in the country of your choice. A minimum of three credit hours must be taken

15 hours of courses in a chosen concentration:

### Europe:

Select 5 courses from an approved list, including

- ENGL 375 - Literature and the Arts in Ireland
- ENGL 470 - Modern British Literature
- ENGL 475 - Modern Irish Literature
- HIST 361 - Europe 1815-1945 (European Societies at War)
- HIST 370 - The British Empire

- HIST 476 - Britain and World War II
- HIST 378 -France: Revolution 1789-1815
- HIST 380 - Europe After Hitler
- HIST 381 - Modern Paris
- HIST 385 - The Cold War
- HIST 387 - USSR Since 1917
- HIST 465 - Seminar:Modern Russia
- HIST 466 - Seminar:The Stalin Era
- HIST 495 - Seminar: France 1870-1914
- PHIL 339 -Revolution and Its Aftermath
- POLI 219 - Irish Government and Politics
- SOCI 270 - Irish Historic Sociology
- GERM - Literature and Civilization Classes
- FREN -Literature and Civilization Classes
- SPAN - Literature and Civilization Classes related to Spain

## Notes:

- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses must come from two or more disciplines; no more than three courses in Modern Languages and English combined or three courses from History may count toward the Concentration.

## Additional Major Requirements:

6 credit hours, as follows

- Advanced competency in at least one foreign language, as well as an academic study abroad experience or an international internship.
- Additional language courses required beyond the intermediate proficiency of the 202-level in French, German or Spanish (300-320) (Refer to Course Descriptions) is one way to meet this requirement.
- For other languages, a cultural immersion of at least 6 hours is required with approval of Director.

**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.

## Field of Concentration — Europe

## Freshman Year

## First Semester

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- POLI 120 - Comparative Govt and Politics
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language
  - First Year Seminar

Total (15)

## Second Semester

- POLI 277 - International Relations
- THEO 111 - Theological Foundations
  - Math Perspectives
  - Second Language
  - Lit. & Moral Imagination

Total (15)

## Sophomore Year

### First Semester

- POLI 374 - U.S. Foreign Policy
  - Second Language
  - Scientific Perspectives
  - Concentration Elective #1
- ECON 200 - Microeconomic Principles

Total (15)

## Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 372 - International Political Econom
  - Quantitative Elective
  - Second Language
  - Historical Perspectives (Europe)

Total (15)

## Junior Year

- Study Abroad recommended Junior Year

## First Semester

- Concentration Elective #2
- Second Language
- Natural Sciences + Lab
- Philosophic Perspectives
- Free Elective

Total (15)

## Second Semester

- Concentration Elective #3
- Second Language
- Theological Perspectives
- Free Electives (6 hours)

Total (15)

## Senior Year

### First Semester

- International Seminar (POLI 390 - Sem: International Relations or Hist.)
- Concentration Elective #4
- Free Electives (9 hours)

Total (15)

### Second Semester

- Concentration Elective #5
- Creative Perspectives
- Free Electives (9 hours)

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.
- Diversity Curriculum Electives may be used to satisfy other elements of core or major.

## **International Studies: International Business, B.A.**

### Bachelor of Arts Degree in International Studies

Fields of Concentration: Europe, International Business, Latin America, or Post-Colonial Studies

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:

Europe, International Business, Latin America, or Post-Colonial Studies.

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

#### History

- Historical Perspectives in the area of concentration (Europe, Asia, Africa, Latin America). Students with a concentration in International Business may take any course in any area.

#### Language:

- For Spanish, French, or German - Intermediate Proficiency, plus 6 hours of 300-320.
- For other modern language, such as Arabic, Chinese, Italian, and Japanese: Intermediate Proficiency plus 6 hours when available either at Xavier or another institution, such as the University of Cincinnati.

#### Statistics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics or
  - Equivalent

#### Study Abroad:

- Required. Students may study in the country of their choice. Students may choose short Xavier faculty-led summer programs or full semester programs.



## Required Courses for All Concentrations

18 credit hours, as follows

6 hours of specific courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations

3 hours from a choice of either:

- POLI 390 - Sem: International Relations
  - HIST 400 Level Seminar: International topic with approval of Director

3 hours from a choice of either:

- POLI 374 - U.S. Foreign Policy
- HIST 428 - SEM: Latin Amer Revolutions

3 hours from a choice of either:

- POLI 372 - International Political Econom
- ECON 300 - Int'l Trade & Bus Environment

3 hours from study abroad:

- You may study in the country of your choice. A minimum of three credit hours must be taken

15 hours of courses in a chosen concentration:

### International Business:

- ECON 300 - Int'l Trade & Bus Environment
- POLI 372 - International Political Econom
  - Whichever was not taken as a core requirement for the Major

## Complete 2 of 3 sequences from:

### International Finance:

- ACCT 200 - Introductory Financial Acct
- FINC 300 - Business Finance
- FINC 476 - International Finance

### Marketing:

- MKTG 300 - Principles of Marketing
- MKTG 320 - International Marketing

### Management:

- ECON 300 - Int'l Trade & Bus Environment
- MGMT 300 - Managerial Behavior
- MGMT 325 - International Management

### Notes:

- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses must come from two or more disciplines; no more than three courses in Modern Languages and English combined or three courses from History may count toward the Concentration.

## Additional Major Requirements:

6 credit hours, as follows:

- Advanced competency in at least one foreign language, as well as academic study abroad experience or an international internship.
- Additional language courses required beyond the intermediate proficiency of the 202-level in French, German or Spanish (300-320) (Refer to Course Descriptions) is one way to meet this requirement.
- For other languages, a cultural immersion of at least 6 hours is required with approval of Director.

## 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.

#### Field of Concentration — International Business

#### Freshman Year

##### First Semester

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- POLI 120 - Comparative Govt and Politics
- PHIL 100 - Ethics as Intro to Philosophy
  - Second Language
  - First Year Seminar

Total (15)

##### Second Semester

- POLI 277 - International Relations
- THEO 111 - Theological Foundations
  - Math Perspectives
  - Second Language
  - Lit. & Moral Imagination

Total (15)

## Sophomore Year

### First Semester

- ECON 200 - Microeconomic Principles
- POLI 374 - U.S. Foreign Policy
  - Second Language
  - Scientific Perspectives
  - Prerequisite #1

Total (15)

### Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 372 - International Political Econom
  - Quantitative Elective
  - Second Language
  - Historical Perspectives (Africa, Europe, Latin America, or Asia)

Total (15)

## Junior Year

- Study Abroad recommended Junior Year

### First Semester

- Prerequisite #2 or Int. Business Sequence Elective
- Second Language
- Natural Sciences + Lab
- Philosophic Perspectives
- Free Elective

Total (15)

## Second Semester

- Prerequisite #3 or Int. Business Sequence Elective
- Second Language
- Theological Perspectives
- Free Electives (6 hours)

Total (15)

## Senior Year

### First Semester

- International Seminar (POLI 390 - Sem: International Relations or Hist.)
- International Business Sequence Elective or Free Elective
- Free Electives (9 hours)

Total (15)

### Second Semester

- International Business Sequence Elective or Free Elective
- Creative Perspectives
- Free Electives (9 hours)

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.
- Diversity Curriculum Electives may be used to satisfy other elements of the core or major.

## **International Studies: Latin America, B.A.**

### **Bachelor of Arts Degree in International Studies**

#### **Fields of Concentration: Europe, International Business, Latin America, or Post-Colonial Studies**

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:

Europe, International Business, Latin America, or Post-Colonial Studies.

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

#### **History**

- Historical Perspectives in the area of concentration (Europe, Asia, Africa, Latin America). Students with a concentration in International Business may take any course in any area.

## Language:

- For Spanish, French, or German - Intermediate Proficiency, plus 6 hours of 300-320.
- For other modern language, such as Arabic, Chinese, Italian, and Japanese: Intermediate Proficiency plus 6 hours when available either at Xavier or another institution, such as the University of Cincinnati.

## Statistics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics or
  - Equivalent

## Study Abroad:

- Required. Students may study in the country of their choice. Students may choose short Xavier faculty-led summer programs or full semester programs.

## Required Courses for All Concentrations

18 credit hours, as follows

### 6 hours of specific courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations

### 3 hours from a choice of either:

- POLI 390 - Sem: International Relations
  - HIST 400 Level Seminar: International topic with approval of Director

### 3 hours from a choice of either:

- POLI 374 - U.S. Foreign Policy
- HIST 428 - SEM: Latin Amer Revolutions

### 3 hours from a choice of either:

- POLI 372 - International Political Econom
- ECON 300 - Int'l Trade & Bus Environment

### 3 hours from study abroad:

- You may study in the country of your choice. A minimum of three credit hours must be taken

### 15 hours of courses in a chosen concentration:

#### Latin America:

- ECON 341 - Economics of Developing Countries
- HIST 340 -History of Mexico
- HIST 344 -Contemporary Latin America
- HIST 345 - History of Central America
- HIST 429 - Latin American and the U.S.
- SPAN 205 - Hispanic Literature and Moral Imagination
- SPAN 351 - Latin American Civilization I
- SPAN 352 - Latin American Civilization II
- SPAN 353 -Intro. to Latin American Studies
- SPAN 427 - Spanish American Literature and Civilization I
- SPAN 428 - Spanish American Literature and Civilization II
- SPAN 429 - Spanish American Literature and Civilization III
- SPAN 440 - Hispanic Poetry
- SPAN - Literature and Civilization Classes related to Latin America
- SPAN 446 - Identity and Nationality in Caribbean Literature
- THEO 306 - Liberation Issues and Theology
- UNST 300 - Service Learning:Nicaragua

#### Note(s):

- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses must come from two or more disciplines; no more than three courses in Modern Languages and English combined or three courses from History may count toward the Concentration.

### Additional Major Requirements:

6 credit hours, as follows:

- Advanced competency in at least one foreign language, as well as an academic study abroad experience or an international internship.
- Additional language courses required beyond the intermediate proficiency of the 202-level in French, German or Spanish (300-320) (Refer to Course Descriptions) is one way to meet this requirement.
- For other languages, a cultural immersion of at least 6 hours is required with approval of Director.

**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.

## Field of Concentration — Latin America

### Freshman Year

#### First Semester

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- PHIL 100 - Ethics as Intro to Philosophy
- POLI 120 - Comparative Govt and Politics
  - Spanish Language
  - First Year Seminar

Total (15)

#### Second Semester

- POLI 277 - International Relations
- THEO 111 - Theological Foundations
  - Mathematical Perspectives
  - Spanish Language
  - Lit. & Moral Imagination

Total (15)

### Sophomore Year

## First Semester

- POLI 374 - U.S. Foreign Policy
- ECON 200 - Microeconomic Principles
  - Spanish Language
  - Scientific Perspectives
  - Concentration Elective #1

Total (15)

## Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 372 - International Political Econom
  - Quantitative Elective
  - Spanish Language
  - Historical Perspectives (Latin America)

Total (15)

## Junior Year

- Study Abroad recommended Junior Year

## First Semester

- Concentration Elective #2
- Spanish Language
- Natural Sciences + Lab
- Philosophic Perspectives
- Free Elective

Total (15)

## Second Semester

- Concentration Elective #2
- Spanish Language
- Theological Perspectives
- Free Electives (6 hours)

Total (15)

## Senior Year

### First Semester

- International Seminar (POLI 390 or Hist.)
- Concentration Elective #4
- Free Electives (9 hours)

Total (15)

### Second Semester

- Concentration Elective #5
- Creative Perspectives
- Free Electives (9 hours)

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.
- Diversity Curriculum Elective may be used to satisfy other elements of the core or major.

## **International Studies: Post-Colonial, B.A.**

## Bachelor of Arts Degree in International Studies

### Fields of Concentration: Europe, International Business, Latin America, or Post-Colonial Studies

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:

Europe, International Business, Latin America, or Post-Colonial Studies.

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

#### History

- Historical Perspectives in the area of concentration (Europe, Asia, Africa, Latin America). Students with a concentration in International Business may take any course in any area.

#### Language:

- For Spanish, French, or German - Intermediate Proficiency, plus 6 hours of 300-320.
- For other modern language, such as Arabic, Chinese, Italian, and Japanese: Intermediate Proficiency plus 6 hours when available either at Xavier or another institution, such as the University of Cincinnati.

## Statistics:

- MATH 116 - Elementary Statistics or
- MATH 156 - General Statistics or
  - Equivalent

## Study Abroad:

- Required. Students may study in the country of their choice. Students may choose short Xavier faculty-led summer programs or full semester programs.

## Required Courses for All Concentrations

18 credit hours, as follows

### 6 hours of specific courses from:

- POLI 120 - Comparative Govt and Politics
- POLI 277 - International Relations

### 3 hours from a choice of either:

- POLI 390 - Sem: International Relations
  - HIST 400 Level Seminar: International topic with approval of Director

### 3 hours from a choice of either:

- POLI 374 - U.S. Foreign Policy
- HIST 428 - SEM: Latin Amer Revolutions

### 3 hours from a choice of either:

- POLI 372 - International Political Econom
- ECON 300 - Int'l Trade & Bus Environment

### 3 hours from study abroad:

- You may study in the country of your choice. A minimum of three credit hours must be taken

### 15 hours of courses in a chosen concentration:

## Post-Colonial:

- ECON 316 - Globalization
- ECON 341 - Economics of Developing Countries
- ENGL 344 - Major Black Writers of the World
- ENGL 352 - African Literature
- HIST 277 - History of the Caribbean
- HIST 340 - History of Mexico
- HIST 344 - Contemporary Latin America
- HIST 345 - History of Central America
- HIST 346 - Modern Japan
- HIST 350 - Globalization
- HIST 370 - The British Empire
- HIST 301 - Colonial America
- HIST 316 - West African History
- HIST 395 - History of South Africa
- HIST 467 - Soviet Russian Foreign Policy
- POLI 219 - Irish Government and Politics
- POLI 224 - Middle East Politics
- POLI 234 - Chinese Politics
- POLI 280 - Irish Political Culture
- POLI 316 - Globalization
- POLI 320 - Global Islamic Politics
- SOCI 270 - Irish Historical Sociology
- SPAN 351 - Latin American Civilization I
- SPAN 352 - Latin American Civilization II
- THEO 309 - West African Religions
- THEO 316 - Globalization
- THEO 335 - African Religions
- THEO 343 - Dialogue Among World Religions
- THEO 344 - Far Eastern Religions
- THEO 355 - Islam
- THEO 357 - Islamic Philosophy & Theology
- THEO 368 - Buddhism
- THEO 374 - Buddhist Christian Exploration

## Note(s):

- A 2.000 cumulative average must be attained in these required and concentration courses.
- Concentration courses must come from two or more disciplines; no more than three courses in Modern Languages and English combined or three courses from History may count toward the Concentration.

## Additional Major Requirements:

6 credit hours, as follows

- Advanced competency in at least one foreign language, as well as an academic study abroad experience or an international internship.
- Additional language courses required beyond the intermediate proficiency of the 202-level in French, German or Spanish (300-320) (Refer to Course Descriptions) is one way to meet this requirement.
- For other languages, a cultural immersion of at least 6 hours is required with approval of the Director.

## 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.

#### Field of Concentration — Post-Colonial

#### Freshman Year

##### First Semester

- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- PHIL 100 - Ethics as Intro to Philosophy
- POLI 120 - Comparative Govt and Politics
  - Second Language
  - First Year Seminar

Total (15)

##### Second Semester

- POLI 277 - International Relations
- THEO 111 - Theological Foundations
  - Math Perspectives
  - Second Language
  - Lit. & Moral Imagination

Total (15)

## Sophomore Year

### First Semester

- POLI 374 - U.S. Foreign Policy
- ECON 200 - Microeconomic Principles
  - Second Language
  - Scientific Perspectives
  - Concentration Elective #1

Total (15)

### Second Semester

- ECON 201 - Macroeconomic Principles
- POLI 372 - International Political Econom
  - Quantitative Elective
  - Second Language
  - Historical Perspectives (Africa, Latin America, or Asia)

Total (15)

## Junior Year

- Study Abroad recommended Junior Year

### First Semester

- Concentration Elective #2
- Second Language
- Natural Sciences + Lab
- Philosophic Perspectives
- Free Elective

Total (15)



## Second Semester

- Concentration Elective #3
- Second Language
- Theological Perspectives
- Free Electives (6 hours)

Total (15)

## Senior Year

### First Semester

- International Seminar (POLI 390 - Sem: International Relations or Hist.)
- Concentration Elective #4
- Free Electives (9 hours)

Total (15)

### Second Semester

- Concentration Elective #5
- Creative Perspectives
- Free Electives (9 hours)

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.

Diversity Curriculum Electives may be used to satisfy other elements of the core or major.

## 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:

Take Statistics with either

- MATH 116 - Elementary Statistics or

- MATH 156 - General Statistics
  - Plus 3 hours of MATH elective

## 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 personal 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 Politi
  
- 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 Politi
- 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

- CLAS 205 - Classical Lit & Moral Imagina or
- ENGL 205 - Literature & Moral Imagination or
- GERM 205 - Reflections Of Crime or
- SPAN 205 - Hispanic Lit & Moral Imagin

- 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

Total (15)

## 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

Total (15)

## Scheduling Notes:

- Total credit hours required is 120. Total Political Science Hours is 33.
- Political science major includes 5 required courses (120, 140, 277, 301, Senior Seminar) + 6 elective courses. Political Science majors are also required to complete Microeconomics, Macroeconomics and one Math statistics course (Math 116 or 156). Note that Math 116/156 also fulfills the requirement for a quantitative reasoning elective.
- 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.
- 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:

Undergraduate Core Curriculum

#### 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 Politics
- POLI 277 - International Relations

3 hours from a choice of either:

- POLI 301 - Political Philosophy
- POLI 350 - Political Theory & Amer Regime

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

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 2.000 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 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

### 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 401 (3)
- HIST 417 (3)
- 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.

## Political Communication

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 - Intro to Digital Media
- COMM 385 - Media, Democracy & the Public

or

- POLI 246 - Mass Media and Politics
  - POLI XXX / COMM XXX - Political Communication Internship (Cross-listed)

## 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 Regime

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.

## Sociology

The Department of Sociology offers these degrees and programs:

- The Bachelor of Arts in Sociology
- The Minor in Sociology
- The Associate in Sociology

## Bachelor of Arts

### 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
- Plus 3 hours of Mathematical Perspectives.

#### 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 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
  - Foreign Language
  - History I Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
  - CORE 100

- CORE 101
- SOCI 101 - Introduction to Sociology

## Second Semester

- Foreign 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**

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 2.000 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 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

### Sociology Minor

15 credit hours are required, as follows:

9 hours from:

- SOCI 101 - Introduction to Sociology
- 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. And, in conjunction with the Health Services Department in the College of Social Sciences, Health and Education, a Master of Arts degree in Health Care Mission Integration is offered.

Also offered is a minor in Theology and a minor in Religious Education.

## 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.

### Requirements for the Theology Major

#### Core Curriculum Requirements:

48 credit hours, including

#### Theology Requirement:

- Included within the major.

#### Major Requirements:

36 credit hours, as follows

24 hours from:

- THEO 111 - Theological Foundations
- THEO 209 - The Christian Tradition I
- THEO 210 - The Christian Tradition II
- THEO 290 - Christian Doctrine Today
- THEO 295 - Senior Seminar: Ideas & Method
- THEO 303 - Christian Ethics: Methods & Q
- THEO 328 - Intro to Christian Scriptures
- THEO 351 - Intro to Hebrew Scriptures

3 hours from:

- A non-Christian religious traditions elective.

9 hours from elective courses selected from:

- THEO 201-499 (Refer to Course Descriptions.)

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 - The Christian Tradition I
- THEO 351 - Intro to Hebrew Scriptures
- PHIL 100 - Ethics as Intro to Philosophy
  - Mathematical Perspectives (3)
  - Creative Perspectives (3)

Total (15)

### Second Semester

- THEO 328 - Intro to Christian Scriptures
- THEO 210 - The Christian Tradition II
  - Philosophical Perspectives (3)
  - Scientific Perspectives (3)
  - General Elective (3)

Total (15)

## Junior Year

### First Semester

- THEO 303 - Christian Ethics: Methods & Q
- ENGL 205 - Literature & Moral Imagination
  - Theology Elective (3)
  - Natural Sciences Elective (3)
  - Oral Communications Flag\*\*

Total (15)

### Second Semester

- THEO 290 - Christian Doctrine Today
  - Non-Christian Religious Traditions elective
  - Diversity Core Requirement (DCR) Flag\*
  - Social Sciences Elective
  - Humanities Elective (3)\*\*\*

Total (15)

## Senior Year

### First Semester

- THEO 295 - Senior Seminar: Ideas & Method
  - Theology Elective (3)
  - E/RS Flag (3)
  - Writing-Intensive Flag (3)\*\*

- Quantitative Reasoning Flag (3)\*\*

Total (15)

## Second Semester

- Theology Elective (3)
- General Elective (3)
- General Elective (3)
- General Elective (3)
- General Elective (3)

Total (15)

## Note(s):

- \* Diversity Curriculum requirement may be double-counted in some instances with other requirements. It may also be taken earlier than the junior year.
- \*\* The four flags (oral, writing, diversity, quantitative) can double-count liberally with major and core.
- \*\*\* Any course in the THEO 300s sequence may fulfill the Humanities Elective core requirement.

## 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 - The Christian Tradition I or
- THEO 210 - The Christian Tradition II
- 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

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 2.000 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 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.

## Master of Arts

### Health Care Mission Integration, M.A.

Xavier's graduate program in health care mission integration combines the study of theology with the study of health services administration. This M.A. program is designed to provide preparation for Mission Directors and others who lead their colleagues in Catholic and other Christian health services to foster and enhance the spirit of love, compassion, and service within these institutions. The program focuses on understanding the Christian tradition and embodying it amidst the challenges of institutional, technological, and cultural change.

Students will study in a challenging educational environment with experts in the fields of theology and health care service administration. An internship will provide field experience. Professional seminars(non-credit) are also required.

### Curriculum

The Master of Arts in Health Care Mission Integration requires the satisfactory completion of 36 semester hours of course work at the graduate level and an internship, and earning an overall GPA of at least 3.000.

#### Theology courses:

- THEO 504 - Foundations of Scripture Study
- THEO 630 - Theology of Ministry
- THEO 540 - Modern Catholic Social Teachin

#### One course in faith and culture (3 cr): e.g.:

- THEO 551
- THEO 571 - Black Theology

#### One course in theological ethics (3 cr): e.g.:

- THEO 506 - Found Issues in Christian Ethi
- THEO 544 - Health Care Ethics
- THEO 548 - Bioethics
  - THEO 632

#### One course in spirituality (3 cr): e.g.

- THEO 527
- THEO 528

## Internship Requirements:

- THEO 636

Internship of 100 clock hours with a Mission Director in a Catholic or other Christian Health Care Facility. Faculty direction will be provided for the required paper for this three credit course.

Theology credit total: 21 credit hours

## Health Services Administration courses:

- HESA 682 - Hospitals:Struct/Function/Mgmt
- HESA 571 - Healthcare Services in the U.S
- HESA 511 - Managerial Concepts in H.C Org
- HESA 581 - Health Care Legal Aspects
- HESA 515 - Health Care Workforce Strategy
- HESA 583 - Ethical Issues in Health Care

HESA credit total: 15 credit hours

Total credit hours in the program: 36

## Admission

To be considered for admission as a degree-seeking graduate student in the Health Care Mission Integration program you must submit the following:

- Completed application with application fee
- One official transcript of all undergraduate and graduate work from accredited colleges or universities
- Results of either the Miller Analogies Test (MAT) or Graduate Record Exam (GRE)
- Two completed recommendation forms--preferably one from someone who can address your academic or professional skills and abilities and one who can address your personal character and suitability for work in health care.



- A statement of reasons and goals for enrolling in this program (1,000-2,000 words)
- Current resume

Your application to the Xavier University graduate program in health care mission integration is carefully reviewed by our admissions committee. We consider each student's application on a case-by-case basis with personal attention given to all your application materials.

Admission criteria include, but are not limited to:

- Preferred undergraduate grade point average of 3.0 or higher on a 4.0 scale.
- Preferred GRE scores of 20th percentile or higher in quantitative section and 50th percentile or higher in the verbal section. Or preferred score of 400 or more on the Millers Analogy Test (MAT).
- Review of the completed file of the applicant.
- A personal interview with Admission Committee Members.

All entering students must have passed an accounting course in an accredited college or university.

For more information, call the Director of the M.A. in Theology, at 513 745-3635 or email [overberg@xavier.edu](mailto:overberg@xavier.edu).

Admissions materials should be sent to the Health Services Administration Department, 3800 Victory Parkway, Cincinnati, OH 45207-7331. To contact that department, please call 513 745-3687 or email [xumhsa@xavier.edu](mailto:xumhsa@xavier.edu). The department's fax is 513 745-4301.

## Theology, M.A.

The mission of Xavier's theology program is to provide a first-rate 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, 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 however, 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 their 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 required to take THEO 501, Intro to the Study of Theology, as a prerequisite for admission to the M.A. program.

All applicants must have a bachelor's degree from a regionally accredited institution with an undergraduate GPA of 2.700 or better. In addition, all applicants must complete the Miller Analogies Test (MAT) prior to acceptance and obtain a score of 406 or higher. The MA in Theology will require satisfactory completion of 30 semester hours of graduate work (i.e. ordinarily ten courses), all of which must be at the graduate (500-800) level.

### 30 total credit hours are required, as follows:

- THEO 504 - Foundations of Scripture Study
- THEO 520 - Journey Through Christianity I
- THEO 524 - Journ Through Christianity II

### One course in ethics, including:

- THEO 506 - Found Issues in Christian Ethic
- THEO 540 - Modern Catholic Social Teachin

- THEO 542-545 (Refer to Course Descriptions.)
- THEO 547 - Ethics For a Planetary Crisis
- THEO 548 - Bioethics
- THEO 572 - New Testament Ethics
- THEO 615 - Contemporary Ethical Issues

### One course in systematics, including:

- THEO - Theological Imagination
- THEO 595 - Christian Eschatology
  - THEO 530-695 (Refer to Course Descriptions.)

### Five graduate-level theology electives selected from:

- THEO 500-695 (Refer to Course Descriptions.)

### Note(s):

- A 2.800 cumulative average must be attained in all the graduate credit courses.
- Some students may substitute a 6-hours thesis (THEO 699) for two of their elective courses. This must be discussed and agreed to with an advisor prior to completion of the first 12 hours of graduate work. The thesis will be read by its director and two additional readers, and it must be defended in a final oral examination. Students who do not write a thesis will be required to 1) submit a research paper demonstrating their mastery of research skills and their ability to synthesize key themes from their coursework into a coherent theological position, or 2) successfully pass a comprehensive examination covering the central subject matter of the graduate program. In both cases, a faculty committee will assess the quality of this final paper or exam.

Two optional concentrations are available, which can be added and incorporated into the program.

### Concentration in Social and Pastoral Ministry:

Students engaged in or preparing for professional ministry in church and society may choose to complete this concentration.

Beyond the 30 hours required for the M.A. degree, the concentration requires six additional credit hours in ministry skills courses and a three credit ministerial internship (THEO 690). Two required courses, Theology of Ministry (THEO 630) and Ethics in Ministry (THEO 632), take the place of two M.A. electives.

### Concentration in Religious Education:

This is designed to prepare theology students to meet the Archdiocese of Cincinnati's professional requirements for Catholic High School Religion Teacher Certification at the secondary level.

Beyond the 30 hours required for the M.A. degree, the concentration requires at least 15 additional credit hours. This includes Student Teaching for 9 hours from EDMS 470, along with THEO 538 and EDMS 550 as required courses. Also, a choice of either EDFD 503 or EDFD 510 is required. Note that THEO 538 can double count as an elective in the 30 hours required for the MA Theology degree.

## 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, 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.

## 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) Professional Practice (Ethics, Spirituality, and Professional Practice, or ESSP), (2) Solidarity and Sustainability in a Global Context (SSGC), and (3) Pastoral Care (Applied Spirituality and Pastoral Care, of ASPC). 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.

### MA in Theology ISSJ Tracks:

#### Ethics, Spirituality and Professional Practice (36 credit hours)

The Professional Practice track is designed for professionals in business and non-profit communities interested in developing deeper spiritual understanding as well as practical skills for competent, ethical and theologically informed professional practices. This track is also appropriate for students interested in careers in the management and administration of churches and church-related organizations and corporations such as dioceses and social ministries.

The Professional Practice track combines theory and practice, building on the traditions of spiritual discernment (Ignatian and others), theological reflection and purposeful action. It develops adult learners as knowledgeable, thoughtful and responsible professionals who improve their work environments and society as a whole. Students learn to respond to challenging situations presented in their professional environments in ethically and spiritually responsible ways.

The program presumes a pluralistic religious environment in the workplace, emphasizing ways to understand, recognize, negotiate and celebrate interfaith relationships. It also reflects Xavier's mission to educate students to serve with excellence and ethical integrity in professional fields and to work for social and economic justice.

The goals of the program are:

- To improve understanding of the Christian spiritual, theological and ethical tradition in dialogue with contemporary challenges of religious traditions.
- To prepare professionals with a sound knowledge of ethical traditions and a commitment to bringing social-ethical perspectives to business and service environments.
- To facilitate the spiritual and theological formation necessary for professionals to integrate professional expertise with competent, ethical, and spiritually informed management practices.

## Solidarity and Sustainability in a Global Context (36 credit hours)

The Solidarity and Sustainability track revolves around the typical definition of sustainability as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

This track integrates questions of economic, social and environmental sustainability with the spiritual traditions that engage human potential. Ethical issues are regularly examined, including social justice questions related to distribution of resources, and the need for communal and environmental stewardship in a variety of ways, including the kinds of personal and social transformation that stem from a "change of heart."

Goals of the program include:

- To form an awareness of the current issues of economic and environmental sustainability.
- To develop an appreciation of the complexity and interrelatedness of the global issues that impact economic and environmental sustainability.
- To develop an appreciation of the cultural and historical underpinnings of religious traditions and to learn from other religious traditions in order to deepen one's life and contribution to the world.
- To acquire an ability to discriminate between the peaceful practices and the violent habits within religious traditions and to strengthen the recognition of the diversity of the human drives, seeking meaning within and beyond established religion.
- To engender habits of responsible collaborative action grounded in critical theological reflection and ethical discernment, and to invite others to engage in similar reflection and action.

## Applied Spirituality and Pastoral Care (39 credit hours)

The Applied Spirituality and Pastoral Care track is oriented to human growth and is thus appropriate for all seekers, but it is also specifically helpful to those preparing for professional practice in varieties of pastoral care including chaplaincy, education, campus ministry, youth ministry and varieties of social ministries.

The track explores the richness of Christian spirituality as a way of life oriented to the intellectual, affective, humane and relational qualities of human existence that make life meaningful and worthwhile. It prepares students to engage pastoral work in pluralistic contexts, since their social and pastoral ministries require cultural sensitivities, practical skills and a capacity to connect across religious traditions, with openness and respect.

Through the track, students:

- Gain knowledge about the tradition of Christian spirituality as a resource for theological imagination, personal and communal identity, and personal development.
- Gain an understanding of spiritual practices that promote personal growth, health and well-being, and share those spiritual practices with others in ways that are sensitive to and respect our pluralistic cultural context.
- Gain the skills necessary to engage pastoral practice with clarity about how spiritual growth and spiritual practice enhances their effectiveness and their longevity as pastoral caregivers.

## Minors

### 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.

18 total credit hours are required, as follows:

9 hours of required courses from:

- EDFD 110 - Human Development & Learning or
- PSYC 231 - Developmental Psychology
  
- THEO 338 - Religious Ed & Youth Ministry
- EDMS 350 - Technology & Topics for Educat

9 hours of student teaching from:

- EDMS 470 - Student Teaching AYA

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.

## **Theology Minor**

18 total credit hours are required, as follows:

12 hours of theology courses from:

- THEO 111 - Theological Foundations
  
- THEO 209 - The Christian Tradition I or
- THEO 210 - The Christian Tradition II
  
- THEO 303 - Christian Ethics: Methods & Q

## 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.

## Other Programs

## Institute for Spirituality and Social Justice

### Institute for Spirituality and Social Justice

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### MA in Theology ISSJ Tracks:

#### Ethics, Spirituality and Professional Practice (36 credit hours)

The Professional Practice track is designed for professionals in business and non-profit communities interested in developing deeper spiritual understanding as well as practical skills for competent, ethical and theologically informed professional practices. This track is also appropriate for students interested in careers in the management and administration of churches and church-related organizations and corporations such as dioceses and social ministries.

The Professional Practice track combines theory and practice, building on the traditions of spiritual discernment (Ignatian and others), theological reflection and purposeful action. It develops adult learners as knowledgeable, thoughtful and responsible professionals who improve their work environments and society as a whole. Students learn to respond to challenging situations presented in their professional environments in ethically and spiritually responsible ways.

The program presumes a pluralistic religious environment in the workplace, emphasizing ways to understand, recognize, negotiate and celebrate interfaith relationships. It also reflects Xavier's mission to educate students to serve with excellence and ethical integrity in professional fields and to work for social and economic justice.

The goals of the program are:

- To improve understanding of the Christian spiritual, theological and ethical tradition in dialogue with contemporary challenges of religious traditions.
- To prepare professionals with a sound knowledge of ethical traditions and a commitment to bringing social-ethical perspectives to business and service environments.

- To facilitate the spiritual and theological formation necessary for professionals to integrate professional expertise with competent, ethical, and spiritually informed management practices.

## Solidarity and Sustainability in a Global Context (36 credit hours)

The Solidarity and Sustainability track revolves around the typical definition of sustainability as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs."

This track integrates questions of economic, social and environmental sustainability with the spiritual traditions that engage human potential. Ethical issues are regularly examined, including social justice questions related to distribution of resources, and the need for communal and environmental stewardship in a variety of ways, including the kinds of personal and social transformation that stem from a "change of heart."

Goals of the program include:

- To form an awareness of the current issues of economic and environmental sustainability.
- To develop an appreciation of the complexity and interrelatedness of the global issues that impact economic and environmental sustainability.
- To develop an appreciation of the cultural and historical underpinnings of religious traditions and to learn from other religious traditions in order to deepen one's life and contribution to the world.
- To acquire an ability to discriminate between the peaceful practices and the violent habits within religious traditions and to strengthen the recognition of the diversity of the human drives, seeking meaning within and beyond established religion.
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The Applied Spirituality and Pastoral Care track is oriented to human growth and is thus appropriate for all seekers, but it is also specifically helpful to those preparing for professional practice in varieties of pastoral care including chaplaincy, education, campus ministry, youth ministry and varieties of social ministries.

The track explores the richness of Christian spirituality as a way of life oriented to the intellectual, affective, humane and relational qualities of human existence that make life meaningful and worthwhile. It prepares students to engage pastoral work in pluralistic contexts, since their social and pastoral ministries require cultural sensitivities, practical skills and a capacity to connect across religious traditions, with openness and respect.

Through the track, students:

- Gain knowledge about the tradition of Christian spirituality as a resource for theological imagination, personal and communal identity, and personal development.
- Gain an understanding of spiritual practices that promote personal growth, health and well-being, and share those spiritual practices with others in ways that are sensitive to and respect our pluralistic cultural context.
- Gain the skills necessary to engage pastoral practice with clarity about how spiritual growth and spiritual practice enhances their effectiveness and their longevity as pastoral caregivers.

# College of Professional Sciences

## College of Professional Sciences

The College of Professional Sciences prepares undergraduate and graduate students in the Catholic Jesuit tradition intellectually, morally, and spiritually for careers and professions of service by: Challenging students to strive for academic excellence and life-long learning. Providing applied experiences grounded in theoretical foundations. Promoting collaboration and community partnerships. Incorporating research, scholarship, and innovation. Integrating ethical behavior

and a respect for individual differences and diversity.

## Degrees, Programs and Block Schedules

The College of Professional Sciences has degree programs in three schools with additional distinct departments and programs. The departments in the college include: Counseling, Criminal Justice, Health Services Administration, Leadership Studies & Human Resource Development, Military Science, Occupational Therapy, Psychology, Radiologic Technology (program), Social Work, and Sport Studies. The School of Education includes: Childhood Education and Literacy, Secondary and Special Education, and Educational Administration. Also, there is the School of Nursing and the School of Psychology.

Many of the programs within the College of Professional Sciences are accredited by professional societies and organizations including: CAATE (Commission on Accreditation of Athletic Training Education), CAHME (Commission on Accreditation of Healthcare Management Education), CCNE (Commission on Collegiate Nursing Education), CSWE (Council on Social Work Education), JRCERT (Joint Review Committee on Education in Radiologic Technology), ACOTE (Accreditation Council for Occupational Therapy Education), AMS (American Montessori Society), MACTE (Montessori Accreditation Council for Teacher Education), CACREP (Council for Accreditation of Counseling and Related Educational Programs), and TEAC (Teacher Education Accreditation Council), CAEP (Council for the Accreditation of Educator Preparation), and NASSM-NASPE (North American Society for Sport Management - National Association of Sport & Physical Education). 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. The School of Nursing is endorsed by the American Holistic Nurses' Certification Corporation and approved by the Ohio Board of Nursing and Commission of Nurse Certification (CNC).

## Xavier University Center for Catholic Education

Xavier University is committed to engaging students intellectually, morally, and spiritually - with rigor and compassion - toward lives of solidarity, service, and success. This is Xavier's Catholic and Jesuit identity and heritage. The Xavier University Center for Catholic Education (XUCCE) is one way that Xavier specifically promotes its identity and heritage by assisting Catholic schools in the transmission of the faith and the development of Catholic education.

The Xavier University Center for Catholic Education aims to strengthen Catholic education through diocesan and school partnerships designed to transform Catholic schools. As such, XUCCE is a resource for Catholic educators providing opportunities that include professional development and networking. In short, XUCCE utilizes the resources of the University to offer a broad range of programs and services to advance Catholic education in our region.

### The Center's Goals

- To promote academic achievement and faith formation and to support research and assessment of the effectiveness of Catholic Schools.
- To provide professional development for Catholic Schools by collaborating at the school and diocesan levels.
- To assist Catholic Schools in meeting and exceeding licensure requirements for teachers and administrators
- To provide resources and support in the areas of teacher development, strategic planning, marketing and public relations, financial management, enrollment management, buildings and grounds management, and leadership.

## Xavier Center for Excellence in Education

The mission of the Xavier Center for Excellence in Education (XCEED) is to prepare educators who are qualified and committed to providing an outstanding education for their students. XCEED aims to strengthen education through school and district partnerships. Consequently, XCEED is a resource for schools and districts providing opportunities that include professional development and networking. XCEED utilizes contractual work with schools and districts to offer a broad range of programs and services meeting the unique needs of schools in our region.

Thus, XCEED works collaboratively with local school districts in Southwest Ohio and Northern Kentucky to meet the needs of administrators, school boards, teachers, and students.

### The Center's Goals

- To provide professional development for schools by collaborating at the school and district levels.
- To assist schools in meeting and exceeding licensure requirements for teachers and administrators.
- To provide resources and support in the areas of teacher development, strategic planning, marketing and public relations, financial management, enrollment management, buildings and grounds management, and leadership.



# 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

## 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 381 - Methods of Research in CJUS
- CJUS 391 - Practicum / Ethics
- CJUS 482 - Planned Change in Crim Justice
- CJUS 489 - Senior Seminar

## Criminal Justice Electives: 9 Credit Hours

- CJUS 103-499 (Refer to Course Descriptions.)

## General Electives: 12 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 2.000 cumulative average must be attained in these criminal justice major courses.
- 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

Total (15)

## Second Semester

- CJUS 102 - Intro to Law Enforcement
  - Historical Perspectives
- THEO 111 - Theological Foundations
  - Second Language II
  - Oral Communication Elective

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
  - Criminal Justice Elective
  - Quantitative Elective

Total (15)

### Second Semester

- CJUS 240 - Criminal Law
  - Diversity Curriculum Requirement (DCR)
  - Natural Science Elective
  - Creative Perspectives
  - Writing Intensive Elective

Total (15)

## Senior Year

### First Semester

- CJUS 482 - Planned Change in Crim 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.
- 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
  - CJUS 336

### 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

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 2.000 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 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.

## **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 332
- 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

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 2.000 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 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.

## 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 in criminal justice program 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 in Criminal Justice program 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 in 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 623 - Perspectives in Law Enforcement Management
  - CJUS 633 - Forensics & White Collar Crime
- CJUS 642 - Criminal Justice Administratio
- CJUS 643 - Correctional Counseling
  - CJUS 644 - Government & Non-Profit Accounting
  - CJUS 647 - Human Resources for Criminal Justice Administrators
- 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

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**

15 total credit hours are required, as follows:

12 hours from:

- CJUS 101 - Intro to Criminal Justice
- CJUS 210 - Basic Const Law & Amer Justice
- CJUS 321 - Juvenile Justice
- CJUS 381 - Methods of Research in CJUS

3 additional hours must be selected from either:

- CJUS 102 - Intro to Law Enforcement or
- CJUS 103 - Intro to Corrections

## Note(s):

- A 2.000 cumulative average must be attained in these courses.

## 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).

Go to <http://www.xavier.edu/education/counseling.cfm> 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 sequence of courses is arranged in four groups.

Students should complete most of each group before proceeding to the next group.

#### Group I (16 credit hours):

- 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 (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 (14 credit hours):

- COUN 642 - Consultation and Supervision
- COUN 765 - Crisis Counseling
- COUN 767 - Treating Addictions Advanced
- COUN 773 - Counseling Practicum
  - Elective (3)

### Group IV (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**

### Notes:

- COUN 760, 762, 763, 764, and 766 are part of Saturday clinical sequence that must be taken beginning in the Fall.

## **Counseling (School Counseling), M.A.**

The Master of Arts degree with a concentration 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**

48 total credit hours are required. The sequence of courses is arranged in four groups.

Students should complete most of each group before proceeding to the next group.

### 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 (14 credit hours):

- COUN 509 - Counseling Research Methods
- 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 (7 credit hours):

- COUN 773 - Counseling Practicum
  - Electives (4)

### Group IV (10 credit hours):

- COUN 642 - Consultation and Supervision
- COUN 670 - School Counseling Internship (600 clock hours)
- EDSP 500 - Sp Ed: Identification & Issue (Note: Students with training in Special Education should consult the department chair prior to enrolling in this course.)

**TOTAL: 48 Semester Hours**

## Health Services Administration

The Department of Health Services Administration offers a Master of Health Services Administration (MHSA) degree. And, in conjunction with the Theology Department, a Master of Arts degree in Health Care Mission Integration is offered.

## MA Degree in Health Care Mission Integration

Xavier's graduate program in health care mission integration combines the study of theology with the study of health services administration. This 36 semester hour M.A. program is designed to provide preparation for Mission Directors and others who lead their colleagues in Catholic and other Christian health services to foster and enhance the spirit of love, compassion, and service within these institutions. The program focuses on understanding the Christian tradition and embodying it amidst the challenges of institutional, technological, and cultural change. For program curriculum details, go to the Theology Department pages in the College of Arts and Sciences.

## Bachelor of Science

### Health Services Administration, B.S.

#### Bachelor of Science in Health Services Administration

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 will experience:

- An interdisciplinary curriculum based in the liberal arts tradition
- Required field experiences (internships)
- Community service
- Undergraduate research and scholarship

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.
3. Field experiences (internships).

During the field internships, 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

The Curriculum:

The Bachelor of Science in Health Services Administration degree requires at least 120 semester credit hours with a concentration in health services of 34 hours, plus nine credit hours in a specified concentration (information management or long-term care).

## B.S. in Health Services Administration, Minor in Business, Concentration in Long-Term Care OR Information Management

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

### Freshman Year

#### First Semester

- Historical Perspectives Elective
- Second Language I
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- THEO 111 - Theological Foundations or
  - First Year Seminar
- HESA 101 - Intro To American Health Care

Total (15)

#### Second Semester

- Second Language II
- Writing Flag Course
- ECON 200 - Microeconomic Principles
- HESA 110 - Medical Terminology
- THEO 111 - Theological Foundations

or

- First Year Seminar

Total (15)

## Sophomore Year

### First Semester

- HESA 120 - Health Care Management
- PHIL 100 - Ethics as Intro to Philosophy
  - Scientific Perspectives Elective
  - Oral Communications Flag Course
  - Mathematical Perspectives Elective

Total (15)

### Second Semester

- HESA 451 - Aging In Society
- or
- HESA 341 - Health Informatics
  - ACCT 200 - Introductory Financial Acct
  - HESA 210 - HC Marketing & Strategic Mgmt
    - General Elective
    - Biology (Elective)

Total (15)

## Junior Year

### First Semester



- FINC 300 - Business Finance
- INFO 120 - Introduction to Business Tech
- HESA 351 - Electronic Health Records

or

- HESA 455 - Administration of Agencies Serving the Aging
- HESA 370 - Internship Preparation
- MGMT 300 - Managerial Behavior
  - PHIL 200 - Philosophical Perspectives

Total (14)

## Second Semester

- ENGL 205 - Literature & Moral Imagination
- INFO 220 - Mgmt of Info Tech
- HESA 230 - Health Care Finance
- HESA 361 - Health Data Management

or

- HESA 459 - Administration of Institutions Serving the Aging
- Theological Perspectives Elective
- General Elective

Total (15)

## Summer

- HESA 371 - Internship I

Total (3)

## Senior Year

## First Semester

- HESA 410 - Public Health
- HESA 220 - HC Reimbursement Systems
- MKTG 300 - Principles of Marketing
  - Quantitative Flag Course
  - Humanities Elective

Total (15)

## Second Semester

- HESA 390 - Foundation of HC Law & Ethics
- HESA 380 - Qual Mgmt & Performance Imp
  - Business Elective (and DCR)
  - Creative Perspectives Elective
  - E/RS Focus Elective (or General Elective if E/RS Focus Elective done)

Total (15)

## Scheduling Notes:

\* Students must choose two of the following biology courses:

- BIOL 140 - Human A&P I for Allied Health and
- BIOL 141 - Hum A&P I Lab Allied Health
  
- BIOL 142 - Hum A&P II for Allied Health and
- BIOL 143 - Hum A&P II Lab Allied Health
  
- BIOL 160 - General Biology I and
- BIOL 161 - General Biology I Lab
  
- BIOL 102 - Life: Human Biology and
  - BIOL 125 or BIOL 127 - Life Lab: Investigation I or II
  
- BIOL 106 - Life: Biology of Aging and

- BIOL 125 or BIOL 127 - Life Lab Investigation I or II
- BIOL 120 - Life: Ecology & People and
  - BIOL 125 or 127 - Life Lab Investigation I or II
  - 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.

## GPA/Grade Policy

In order to remain in good standing with and graduate as an undergraduate major from the Department of Health Services Administration, student 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 HESA 101 and HESA 110. 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 or HESA 110, they may retake that course two 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.
- Students may retake any and all HESA courses for which they fail to meet department requirements two times.
- If a student fails to meet department grade standards after retaking a course two 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, papers, 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 Social Science Health and Education, following their appeal process.

## **Master of Health Services Administration**

### **Health Services Administration, M.H.S.A.**

#### **Master of Health Services Administration Degree**

The Graduate Program in Health Services Administration is committed to meeting the need for effective leadership of the rapidly changing health care system. Academic work and field experiences 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 Graduate 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. The 1,500+ members of the Graduate Program's Alumni Association are located throughout the United States and in several foreign countries and provide a broad range of services to graduates throughout their careers.

#### **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 <http://www.xavier.edu/master-of-health-services-administration/#process> to reference the specific admission requirements.

#### **Prerequisites**

Prior to matriculation into the Program, incoming students are required to have completed a basic undergraduate or graduate accounting course and a statistic course with a passing grade, no lower than "C." Students are strongly encouraged to have a basic understanding of microeconomics and to be competent with Microsoft Word and Excel.

#### **Program Options**

The curriculum provides a student with a strong foundation of management, financial and quantitative skills, and enhances the ability to succeed in health care management through course work in areas such as epidemiology, clinical management, ethics, health policy analysis, physician relations, managed care and integrated health delivery systems, population-based planning and provider payment strategies.

## The graduate program offers you two options of study:

### Full-time:

The full-time option consists of four semesters of classroom study on campus followed by a paid 8-12 month administrative residency experience in a health services facility under the guidance of a preceptor.

### Part-Time:

The part-time option is designed to accommodate the needs of working professionals. This program consists of nine consecutive semesters of part-time study on campus and an administrative practicum experience conducted concurrently. The practicum is generally a guided field experience conducted within your place of work. Part-time students typically take classes in the evening and must be currently employed in a health care setting in order to be accepted into the program.

## Curriculum

A total of 64 credit hours must be completed to fulfill the requirements of the MESA degree: 54 credit hours of didactic coursework and 10 credit hours of administrative residency/ practicum and master's project.

## Graduate Program in Health Services Administration

### MESA Degree Option Full-Time Program

### Sample Schedule

#### Year 1

##### Fall Year 1 (14 credit hours)

- HESA 511 - Managerial Concepts in H.C Org
- HESA 521 - Quant Methods for H.C. Mgmt
- HESA 551 - Financial Mgmt of HC Orgs
- HESA 561 - Clinical Proc for H.C. Adm
- HESA 571 - Healthcare Services in the U.S
- HESA 601 - Professional Development I

##### Spring Year 1 (16 credit hours)

- HESA 519 - Strategic Mgmt & Marketing
- HESA 523 - Qual Improve Tech in H.C. Mgmt
- HESA 555 - Capital Acquisition in HC Orgs
- HESA 567 - Applied Epi in H. C.
- HESA 575 - Health Economics

## 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

### Year 2

#### Fall Year 2 (12 credit hours)

- HESA 529 - Info Systems for Health Servs
- HESA 559 - Project Devt & Mgmt of HC Org
- HESA 579 - Health Policy & Policy Analyti
- HESA 581 - Health Care Legal Aspects
- HESA 603 - Professional Development III

#### Spring Year 2 (12 credit hours)

- HESA 515 - Health Care Workforce Strategy
- HESA 539 - Informatics for Hlth Industr
- HESA 583 - Ethical Issues in Health Care
- HESA 599 - Integ Sem in Hlth Svcs Admin.
  - HESA 604 - Professional Development IV
  - HESA 6xx - Elective \*

#### Summer Year 2 (2 credit hours)

- HESA 720 - Institutn & Community Analysis

### Year 3

#### Fall Year 3 (5 credit hours)

- HESA 730 - Practicum in Executive Devel I
- HESA 750 - Master's Project I

#### Spring Year 3 (3 credit hours)

- HESA 751 - Residency & Master Project II

#### Note(s):

\* Elective coursework is generally taken within the MHSA Graduate Program. With the chair's permission, graduate-level electives may be taken in other departments within Xavier University or through the Greater Cincinnati Consortium of Colleges and Universities.

## MHSA Degree Option Part-Time Program

## Sample Schedule

### Year 1

#### Fall Year 1 (6 credit hours)

- HESA 511 - Managerial Concepts in H.C Org
- HESA 521 - Quant Methods for H.C. Mgmt

#### Spring Year 1 (8 credit hours)

- HESA 519 - Strategic Mgmt & Marketing
- HESA 523 - Qual Improve Tech in H.C. Mgmt
- HESA 571 - Healthcare Services in the U.S (Online)

#### Summer Year 1 (5 credit hours)

- HESA 529 - Info Systems for Health Servs
- HESA 575 - Health Economics

### Year 2

#### Fall Year 2 (6 credit hours)

- HESA 551 - Financial Mgmt of HC Orgs
- HESA 561 - Clinical Proc for H.C. Adm

#### Spring Year 2 (7 credit hours)

- HESA 539 - Informatics for Hlth Industr
- HESA 555 - Capital Acquisition in HC Orgs
  - HESA 6xx - Elective \*

#### Summer Year 2 (5 credit hours)

- HESA 583 - Ethical Issues in Health Care
- HESA 720 - Institutn & Community Analysis

### Year 3

#### Fall Year 3 (8 credit hours)

- HESA 559 - Project Devt & Mgmt of HC Org
- HESA 581 - Health Care Legal Aspects
- HESA 730 - Practicum in Executive Devel I

### Summer Year 3 (7 credit hours)

- HESA 515 - Health Care Workforce Strategy
- HESA 599 - Integ Sem in Hlth Svcs Admin.
- HESA 751 - Residency & Master Project II

### Spring Year 3 (9 credit hours)

- HESA 567 - Applied Epi in H. C.
- HESA 579 - Health Policy & Policy Analysis
- HESA 750 - Master's Project I

### Note(s) \*

Elective coursework is generally taken within the MHSA Graduate Program. With the chair's permission, graduate-level electives may be taken in other departments within Xavier University or through the Greater Cincinnati Consortium of Colleges and Universities.

HESA 601, HESA 602, HESA 603, and HESA 604 are waived for part-time students.

## 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.

## Administrative Practicum

An administrative practicum is a required part of the master's degree in health services administration (MHSA) from Xavier University for part-time students. The practicum is intended to allow students to apply the knowledge gained from the classroom and to demonstrate competence in the field of healthcare management. It is expected that by the end of the practicum that the students will have demonstrated competence, at the level of a graduate of master's graduate in health administration program.

## 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 or Guidelines for the Administrative Practicum and reflect an aspect of health systems management of interest to both the student and preceptor, with a final approval from the faculty advisor.

## Academic Standing

MHSA students are held to high academic and personal standards. Health services administration is a profession that requires dedication, leadership, punctuality, follow-through, cooperation, and accountability. A cumulative grade point average of 3.0 is required for residency and graduation. No credit is granted for courses in which a student receives a grade of "F". If the course in question is a required MHSA course, it must be repeated.



## Academic Warning

Students who have a cumulative graduate grade point average less than 3.0 at the end of any semester will be placed on academic warning. Students on academic warning must present a corrective action plan to the Chair of the Department. Academic warning is noted in a student's permanent record.

### Dismissal from the Program:

1. MHSA students receiving two failing grades ("F") at any time in the academic work will be dismissed from the program.
2. MHSA students receiving two course grades of "B-" or below at any time in the academic work may be dismissed from the program based on faculty decision.

There is no formal appeal mechanism within the Graduate Program in Health Services Administration for academic dismissal.

## 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 93 graduate credit hours: 54 credit hours of Health Services Administration coursework, 33 credit hours of MBA coursework, plus necessary prerequisites, and 10 credit hours of administrative residency/practicum. Candidates must apply and be accepted to both programs. Upon completion, the student receives two separate degrees.

## Master of Science

### Health Economic and Clinical Outcomes Research (HECOR), M.S.

The Master of Science in Health Economics and Clinical Outcomes Research [HECOR] is a 40 credit hour professional program offering students a foundation in health economics and health services research. Health outcomes research and economic evaluation is a growing field in which researchers examine the risks and benefits of drugs, medical devices, biotechnology and comparative interventions. Study results and conclusions are used by medical professionals, payers, self-insuring employers and government agencies to make better informed healthcare decisions and thereby improve patient care. The program is designed to train students to conduct both clinical and economic evaluations that inform health-care decisions. Students will learn how to conduct research that generates evidence on the effectiveness, benefits, and harms of different treatment options to include but not limited to: drugs, medical devices, tests, surgeries, or ways to deliver health care.

Students enrolled in this program will take courses spanning health economics and econometrics, data mining large with operational databases (e.g., payer, electronic medical records, and hospitals), statistical modeling and epidemiology in domestic and international settings. Graduates of this program will be well positioned to pursue careers as analysts, managers and directors in the fields of health outcomes research, policy, economics and reimbursement.

The program is designed as an aggressive, part-time program of two courses and a seminar for each semester - fall, spring, and summer - for two years, amounting to 20 credit hours per year.

## Curriculum

### First Year

### Fall Semester

7 Credit Hours

- **Statistics:** STAT510 Introduction to Statistics (3) or HESA521 Quantitative Methods for Health Care Management (3)
- **Economics:** HESA471/571: Introduction to HECOR (3)
- **Seminar:** HECO601: Professional Development 1 (1)

## Spring Semester

7 Credit Hours

- **Statistics:** HECO522 Applied Analysis 1 (3)
- **Clinical:** HESA567 Applied Epidemiology (3)
- **Seminar:** HECO602: Professional Development 2 (1)

## Summer Semester

7 credit hours

- **Statistics:** HECO523 Applied Analysis 2 (3)
- **Economics:** HESA575 Health Economics (3)
- **Seminar:** HECO603: professional Development 3 (1)

## Second Year

### Fall Semester

7 credit hours

- **Economics:** HESA579 Healthcare Policy & Policy Analysis (3)
- **Population Health:** HECO5xx: Comparative Health Systems (3)
- **Seminar:** HECO604: Professional Development 4 (1)

### Spring Semester

7 credit hours

- **Statistics:** HECO624 Advanced Research Methods (3)
- **Economics :** HECO67x Cost Benefit and Effectiveness (3)
- **Seminar:** HECO605: Professional Development 5 (1)

### Summer Semester

5 credit hours

- **Ethics:** THEO544: Health Ethics (3)

- **Seminar:** HECO699: Mentored Capstone Practicum (2)
- **Choose practice focus area:**
  1. OUTCOMES ANALYSIS FOR POPULATION HEALTH MGMT [BURDEN OF ILLNESS]
  2. OUTCOMES ANALYSIS FOR HOSPITALS, PAYERS OR SELF INSURING EMPLOYERS [COMPARATIVE EFFECTIVENESS RESEARCH]
  3. OUTCOMES ANALYSIS FOR GOVERNING BODIES [HEALTH TECHNOLOGY ASSESSMENTS]

## Dual Degree

## MHSA/MBA

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.

## Leadership Studies & Human Resource Development

### Master of Science

### Human Resource Development (Executive Program), M.S.

Human Resource Development (HRD) is the integrated use of training, organizational development, and career development efforts to improve individual, group, and organizational effectiveness. Xavier's executive human resource development program is designed to develop ethical, competent, and professional leaders who can perform effectively in critical HRD roles, such as director of HRD programs, training manager or director, instructor, facilitator, trainer, management/leadership development specialist, organization change agent, chief learning officer, program designer, or individual career development advisor.

Designed with working adults in mind, this program can offer you the chance to:

- Enhance your skills and knowledge as an HRD practitioner and obtain a graduate degree.
- Begin a new career in training, organization or career development.
- Work in business, industry, private, non-profit or public organizations as an internal or external HRD consultant.

The Xavier HRD program is offered in an executive format as a 21-month program. Students attend classes on the Xavier campus 1 weekend per month for 21 weekends (Friday night, all day Saturday, and Sunday mornings).. A unique feature of this program is that it employs an executive approach to graduate study: Students enter with a group of students with whom they remain throughout their program of study. Due to the comprehensive and consecutive sequence of courses, no transfer credits will be accepted from other programs. There is no final thesis or comprehensive exam required for the program. Students will be admitted only once per year in the for a cohort class which will begin in the fall. Early application to the program is recommended.

Go to <http://www.xavier.edu/human-resource-development/#process> to reference the admission requirements.

## Requirements for the M.S. in HRD

The degree requires 30 semester hours. The 21-month program begins in August of each year. The courses are sequential and held on the weekends. There is no final thesis or final comprehensive exam required, and there are no course prerequisites.

The course sequence per each semester is as follows:

## Fall #1 (7 credit hours)

- HRDE 650 - Intro Adult Org Learn
- HRDE 651 - Org Effectiveness & Change

## Spring #1 (7 credit hours)

- HRDE 652 - Applied Adult & Org Learn
- HRDE 653 - Career Develop In HRD
- HRDE 654 - Needs Assess & Eval In HRD

## Summer #1 (3 credit hours)

- HRDE 660 - Designing HRD Programs

## Fall #2 (6 credit hours)

- HRDE 670 - Technology In HRD
- HRDE 671 - Applied HRD Research Pt 1
- HRDE 672 - Facilitating Learning In HRD

## Spring #2 (7 credit hours)

- HRDE 673 - Applied HRD Research Pt 2
- HRDE 674 - Trends & Issues In HRD
- HRDE 675 - Strategic Lead & Ethics In HRD

May of year #2 is graduation.

## Doctor of Education

### Doctor of Education (Ed.D.) in Leadership Studies

Drawing on Xavier University's Jesuit Catholic tradition, the Leadership Studies Doctoral Program is designed to develop authentic leaders who use their expertise and skills to promote social justice and organizational change. The program emphasizes cultivating the whole person and his/her role in facilitating change and building leadership capacity within individuals, organizations and communities.

Graduates of this program will be transformative leaders in all types of profit and non-profit organizations, including educational and health care institutions, corporate and community service settings, and governmental agencies.

Accordingly, this degree is awarded to the candidate who has demonstrated a capacity for:

- Leadership and Change that is ethical, reflective, scholarly and effective in a variety of organizational arenas
- Scholarly Research
- Specialized Cognate courses and Internship experiences in one or more of the following areas of leadership and practice: Human & Organizational Development, Community & Non-profit Leadership, K-12 Education, Higher Education and Health Services Administration.

### Program of Studies

The Ed.D. in Leadership Studies is a 60-semester hour program. It includes;

- 15 semester hours from the Leadership Core
- 15 semester hours from the Research Core
- 15 semester hours of Dissertation
- 15 semester hours Cognate

### Leadership Core

- LEAD 880 - Comparative Leadership Theory
- LEAD 881 - Leading Organizational Culture & Change
- LEAD 882 - Psychosocial Dimensions of Leadership
- LEAD 883 - Ethical, Spiritual & Character-Based Leadership
- LEAD 884 - Developing Leadership Capacity

### Research Core

- LEAD 870 - Fundamentals of Doctoral Research Methods in Leadership Studies
- LEAD 871 - Doctoral Statistics I
- LEAD 872 - Qualitative & Quantitative Research Methodology
- LEAD 873 - Doctoral Statistics II
- LEAD 874 - Developing Effective Research Proposals

### Dissertation Advisement

A dissertation is required consisting of 15 semester hours.

- LEAD 890 - Dissertation Design

## Cognate

Multiple cognates available; choose 15 semester hours from the following courses:

- LEAD 860 - Organizational Metaphors & Contexts (all cognates)
- LEAD 869 - Cognate Capstone Leadership Seminar (all cognates)
- LEAD 854 - Theory & Practice in Higher Ed Governance & Administration (Higher Ed Cognate)
- LEAD 855 - The College Student Experience (Higher Ed Cognate)
- LEAD 856 - Finance, Economics & Politics in Higher Ed (Higher Ed Cognate)
- EDAD 771/781 - Principal Internships I & II (K-12 Ed Lead Cog)
- EDAD 710/779/789 - Superintendent Seminar & Supt Internships I & II (K-12 Ed Lead Cog)

Additional cognate courses and internship experiences are available in multiple cognates. Contact the Program Director for latest information.

## Note:

Students who have completed post-master's coursework equivalent to a doctoral program at accredited institutions may receive some credit toward a portion of the fulfillment of the Ed.D. leadership, research and cognate courses. Courses graded on a pass/fail basis or the equivalent will not be accepted as transfer credit. Petitions for transfer of credit will be evaluated individually and will only be granted with the recommendation of the Dean, Associate Dean or the department/program chair.

At the appropriate time in the program, a qualifying assessment will be required before dissertation preparation may commence.

## Suggested Course Sequence:

Students may take up to 6 credits each semester, consisting of a combination of leadership, research and cognate courses until they have met the core and cognate requirements. After that, students are required to enroll in at least 1 credit of dissertation advisement in order to maintain continuous enrollment in the program until their dissertation is completed and they have met the 15 credit hour requirement for dissertation advisement.

## Admission Requirements:

To be considered for admission as a degree-seeking Ed.D. student, you must first submit the following to the Office of the Graduate School:

- Completed application. Apply online at <https://admit.xavier.edu/apply> where you can register for an account. Start your application by selecting "Leadership Studies Doctorate Program (Ed.D)."
- One official transcript of all undergraduate and graduate work from accredited colleges or universities
- Graduate Record Examination (GRE), GMAT, LSAT or Miller Analogies Test (MAT) score. (You do not have to re-take an admissions test if you have a copy of your previous test score.)
- A 1,000-word minimum statement of how you believe the Ed.D. program will help you reach your short- and long-term professional goals
- Resume of work and volunteer experience
- Three letters of reference from individuals addressing your academic/professional potential for doctoral study

Applicants must have an advanced degree (i.e., Master's degree, J.D., or Ph.D.) with an overall minimum GPA of 3.0 from an accredited institution, without exception. Applicants whose prior study was outside the United States must have completed the equivalent of a U.S. bachelor's degree and a Master's degree.

There are no set prerequisite courses or majors, and prior coursework in leadership is not required. The committee reviews performance in all prior post-secondary coursework. Candidates may be required to take a research or comparable course (Xavier EDFD 507/08 suffices) before enrolling in the program's

research courses.

To ensure consideration, applications should be submitted by:

- Summer semester: April 1
- Fall semester: April 1
- Spring semester: October 1

A committee of faculty reviews the pool of applications after each of those dates and invites selected candidates to an on-campus interview to continue the application process. Applicants are encouraged to attend an information session or meet with the Program Director prior to completing the application process. Dates and times for information sessions are available on the Graduate Admissions website, <http://www.xavier.edu/graduate-admission/>.

Students have 9 years to complete the doctoral degree program, with a possible 1-year extension upon approval of the Dean of the College of Professional Sciences.

## Financial Aid

The Office of Student Financial Assistance serves as a central clearinghouse for all funding programs available to assist graduate students to finance their doctoral education. The office helps graduate students determine their eligibility for various funding opportunities including Federal loans, grants and assistantships. Prospective students are encouraged to contact the office to discuss their particular circumstances and submit required applications for assistance: [www.xavier.edu/financial-aid](http://www.xavier.edu/financial-aid). Deadlines may apply to specific funding programs, so it is best to contact the office even before being accepted into the program.

Please contact the program at [www.xavier.edu/leadership-studies](http://www.xavier.edu/leadership-studies) for current admission and program information.

## Occupational Therapy

The Department of Occupational Therapy offers an entry-level Master of Occupational Therapy (MOT) degree. The Occupational Therapy Program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, Suite 200, c/o Accreditation Department, Bethesda, MD 20814-3449, [www.acoteonline.org](http://www.acoteonline.org), phone 301 652-AOTA, [www.aota.org](http://www.aota.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 12 South Summit Avenue, Suite 100, Gaithersburg, MD 20877-4150, phone 301 990-7979, [www.nbcot.org](http://www.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 one's 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.

## Departmental Admission Requirements

To apply to the MOT program, a student must first obtain a bachelor's degree. A bachelor's degree may be obtained from Xavier in which case a Bachelor of Liberal Arts (BLA) with Human Occupation Studies (HOCS) concentration is offered. A bachelor's degree may be obtained from another accredited university in which case entry to the MOT program requires completion of all pre-MOT requirements. Admission to the HOCS courses is open to all Xavier students who

meet enrollment criteria and enrollment is limited. Admission to the MOT program occurs only when all admission criteria are met.

See BLA-to-MOT Admission Information to reference all the admission requirements for students obtaining a BLA degree from Xavier.

See Pre-MOT-to-MOT Admission Information to reference all the admission requirements for students who have a bachelor's degree from another accredited university.

## BLA to MOT Admission Information

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 MOT program.

## Bachelor of Liberal Arts Admission

Students may apply online or contact the Office of Undergraduate Admission

Phone: 513-745-3301

E-mail: [xuadmit@xavier.edu](mailto:xuadmit@xavier.edu)

## Freshman Admission

For Fall Semester

Due to limited space, admission to the Occupational Therapy (OT) Program is competitive. Students may receive two admission decisions; one for undergraduate admission to Xavier and one for the OT major. Selected students will be directly admitted to the OT Program, but some applicants will be wait listed. Wait listed students will be admitted to Xavier University but not the Occupational Therapy Program. Wait listed students will be notified no later than July 1, if they are admitted to the program. Applicants admitted to Occupational Therapy and depositing on or before May 1, will have secured a spot in occupational therapy as a major.

Any student wishing to be considered for admission to the occupational therapy program **must** indicate occupational therapy as their major of choice on their application for admission and apply by February 1.

Strong candidates for acceptance to the major will typically meet and/or exceed the criteria below. Please note that meeting the following criteria will make a student a strong candidate, but does not guarantee admission to the program.

- 3.000 or higher GPA and
- 1100 or higher SAT score or 24 or higher ACT score
- Completion of 40 required hours of volunteer/work experience documented on [approved form](#) (20 hours prior to acceptance; additional 20 hours prior to first day of classes.)
- Contact with Department Occupational Therapy representative. The Department of Occupational Therapy will hold informational meetings each semester, see website for specific dates.

Students wishing to have their major changed to Occupational Therapy after being admitted to another major at Xavier may be considered for admission separately to the program and will be admitted to the program on a space available basis.

## 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 [Recommendation and Verification of Volunteer/Work Experience in Occupational Therapy Clinic or Work Setting](#) 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. Forms must be sent directly to the Department of Occupational Therapy.



## Human Occupational Studies Concentration (HOCS) Admission

Registration for the HOCS courses is approved by the department of occupational therapy and is normally determined by the following criteria:

- Evidence of completion or in progress of all semester hours for BLA degree or a non-OT Bachelor's degree and a minimum cumulative grade point average of 3.0 (on a 4.0 scale).
- Completion of criminal background check by end of first HOCS semester.

**Notice:** Typically all slots become filled and a wait list is activated by ranked GPA. Any student who begins the HOCS and/or MOCT courses and does not continue sequentially will be placed at the bottom of a wait list should one occur at time of placement. If slots are limited, ranked GPA will determine continuation. Students are allowed only one such instance of "dropping back" one cohort year.

## Master in Occupational Therapy Admission

Applicant eligibility is normally determined by the following minimum criteria. Given program caps, meeting the following criteria offers admission into the MOT program. All criteria must be submitted to the Office of Graduate Services (513-745-3360; [xugrad@xavier.edu](mailto:xugrad@xavier.edu)). Applications are due June 1 following completion of the first year of HOCS courses.

- Graduate program admission form.
- Official transcripts of all previous college or university work.
- Evidence of completion or in progress of all semester hours for the BLA degree and a minimum cumulative grade point average of 3.0 (on a 4.0 scale).
- Evidence of successful completion (grade of "C" or higher) or in progress of all prerequisite courses with no more than two "C's" (Anatomy and Physiology I and II, Rhetoric, Statistics I and II, Physics, Developmental Psychology, Bioethics, Kinesiology, Neuroscience, and all HOCS courses).
- Official test scores on the Graduate Record Exam (GRE), with a minimum average of 33 percent across all GRE sections (verbal reasoning, quantitative reasoning and analytical writing).
- Reflective analysis essay related to the 40 hours of volunteer experience.
- Personal interview, evaluation and completion of on-site writing sample may be required.

## Other Requirements

Upon acceptance into the MOT program, students are required to complete all graduate courses (MOCT 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. The mission of the AOTA "advances the quality, availability, use, and support of occupational therapy through standard-setting, advocacy, education and research on behalf of its members and the public" (American Occupational Therapy Association, 2000).

Prior to beginning Level I and Level II Fieldwork, 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 also complete an annual Criminal Background Check. All students also must have current CPR certification; hepatitis B immunization; measles, mumps, and rubella immunizations; an annual tuberculosis test; annual history and physical exam; annual Universal Precautions and HIPPA training; and criminal background check in order to participate in all fieldwork experiences. Level II Fieldwork courses must be completed within 12 months of the academic coursework on campus. Additionally, students may be required to obtain a seasonal influenza immunization and/or drug screen prior to participation in a specific fieldwork site.

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 Level I and Level II fieldwork sites, or required community-based activities for HOCS and MOCT courses.

## Pre-MOT to MOT Admission Information

NOTE: Currently there is a three year wait for this PMOT to MOT admissions point of entry.

Occupational therapy is a rewarding and satisfying career that required a high level of skill 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 MOT program.

## Pre-Master in Occupational Therapy Admission

Pre-MOT students apply through the Undergraduate Admissions Office, but should contact the Occupational Therapy department prior to applying.

Phone: 513-745-3150

The following must be submitted for admission:

- A completed pre-MOT application.
- Official copies of all college transcripts.

## Human Occupation Studies Concentration (HOCS)

Admission to the HOCS courses is open to all Xavier students who meet program criteria and enrollment is limited. Registration for the HOCS courses is approved by the Department of Occupational Therapy and is normally determined by the following criteria:

## Volunteer/Work Experience

- Evidence of completion or in progress of all semester hours for BLA degree or a non-OT Bachelor's degree and a minimum cumulative grade point average of 3.0 (on a 4.0 scale).
- Completion of all 40 of the 40 HOCS required hours of volunteer/work experience prior to the first day of classes (hours must be documented on approved form as described below).
- Evidence of meeting with representative of occupational therapy department.
- Completion of criminal background check by end of first HOCS semester.

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 and an additional 20 hours at a different site for a total of 40 hours is required prior to entrance to HOCS courses. Documentation must be on the *Recommendation and Verification of Volunteer/Work Experience in Occupational Therapy Clinic or Work Setting* forms. Only two forms will be accepted, additional forms will not be considered. These 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 of the student. Photocopies of completed forms will not be accepted. Original forms must be sent directly to the Department of Occupational Therapy.

**Notice:** Typically all slots become filled and a wait list is activated by ranked GPA. Any students who begins the HOCS and/or MOT courses and does not continue sequentially will be placed at the bottom of a wait list should one occur at time of placement. If slots are limited, ranked GPA will determine continuation. Students are allowed only one such instance of "dropping back" one cohort year.

## Master of Occupational Therapy Admission

Applicant eligibility is normally determined by the following minimum criteria. Meeting the following criteria offers admission into the MOT program. All criteria must be submitted to the Office of Graduate Services (513-745-3360; [xugrad@xavier.edu](mailto:xugrad@xavier.edu)). Applications are due June 1 following completion of the first year of HOCS courses.

- Graduate program admission form.
- Official transcripts of all previous college or university work.
- Evidence of completion or in progress of all semester hours for the BLA degree and a minimum cumulative grade point average of 3.0 (on a 4.0 scale).
- Evidence of successful completion (grade of "C" or higher) or in progress of all prerequisite courses with no more than two "C's" (Anatomy and Physiology I and II, Rhetoric, Statistics I and II, Physics, Developmental Psychology, Bioethics, Kinesiology, Neuroscience, and all HOCS courses).
- Official test scores on the Graduate Record Exam (GRE), with a minimum average of 33 percent across all GRE sections (verbal reasoning, quantitative reasoning, and analytical writing).
- Reflective analysis essay related to the 40 hours of volunteer experience.
- Personal interview, evaluation and completion of on-site writing sample may be required.

## Other Requirements

Upon acceptance into the MOT program, students are required to complete all graduate courses (MOCT courses) with a minimum cumulative grade point

average of 3.0 (on a 4.0 scale). Student membership into the American Occupation Therapy Association (AOTA) is also required. The mission of the AOTA "advances the quality, availability, use, and support of occupational therapy through standard-setting, advocacy, education and research on behalf of its members and the public" (American Occupational Therapy Association, 2000).

Prior to beginning Level I and Level II Fieldwork, 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 also complete an annual Criminal Background Check. All students also must have current CPR certification; hepatitis B immunization; measles, mumps, and rubella immunizations; an annual tuberculosis test; annual history and physical exam; annual Universal Precautions and HIPPA training; and criminal background check in order to participate in all fieldwork experiences. Level II Fieldwork courses must be completed within 12 months of the academic coursework on campus. Additionally, students may be required to obtain a seasonal influenza immunization and/or drug screen prior to participation in a specific fieldwork site.

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 Level I and Level II fieldwork sites, or required community-based activities for HOCS and MOCT courses.

## **Bachelor of Liberal Arts**

### **Bachelor of Liberal Arts/Master of Occupational Therapy (B.L.A. to M.O.T.)**

To complete the MOT degree, students will initially obtain a BLA with a concentration in Human Occupation Studies and a University approved minor or second concentration. The BLA will be obtained upon completion of the first semester of the 4th year. Graduate coursework will begin second semester of the fourth year, and continue during the 5th year. It will culminate in a 6 month, post academic internship; the entire course of study spans 5 ½ years. Transfer students who are certified occupational therapy assistants may receive transfer credit for some of the BLA requirements depending on the articulation agreement worked out with the occupational therapy assistant program previously attended.

### **Requirements for the BLA to MOT**

#### **Note(s):**

*Complete undergraduate prerequisite courses and earn no more than two "C" or lower letter grades in each course, as follows:*

#### **Undergraduate core curriculum requirements:**

See Undergraduate Core Curriculum

#### **Upper Division Studies Requirement:**

38 credit hours of upper division work, as follows:

## Complete 23 hours from:

- HOCS 301 - Human Occupation Across Lifesp
- HOCS 303 - Technlgy for Life Participatn
- HOCS 321 - Analysis of Occupational Perfo
- HOCS 323 - Occupatnl Justice I:Foundations
- HOCS 401 - Transformative Nature of Occup
- HOCS 403 - Creative & Systematic Inquiry
- HOCS 405 - Occupatnl Justice II: Indp Stu
- HOCS 411 - Condns Influencing Participn

## Note(s):

- These HOCS courses are required for the Concentration in Human Occupation Studies (HOCS).
- Complete at least 15 hours in a required Minor or a 2nd concentration within the BLA.

## Additional OT requirements:

## 6 hours of Neuroscience and Kinesiology from:

- BIOL 204 - Functional Neuroscience
  - HOCS 386 - Advanced Kinesiology
  - HOCS 387 - Advanced Kinesiology Lab

## 3 hours of Bioethics from:

- PHIL 329 - Bioethics (can be taken as the required Philosophy elective course in the undergraduate core)

## Note(s):

- A minimum of 120 credit hours is required for the BLA degree; and an overall cumulative GPA of at least 3.000 must be attained.

## Bachelor of Liberal Arts (BLA) to Master of Occupational Therapy (MOT)

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

## First Year

### First Semester

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health
- PSYC 101 - General Psychology
  - Foreign Language Elective 101 or 102 (3)
  - General Elective
  - First Year Seminar
  - First Year Passport

Total (16)

### Second Semester

- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- THEO 111 - Theological Foundations
  - Historical Perspectives
  - Foreign Language Elective 102 or 201 (3)
  - First Year Passport
- ENGL 115 - Rhetoric

Total (16)

## Second Year

### First Semester

- PHIL 100 - Ethics as Intro to Philosophy
- PHYS 140 - Technical Physics
- PHYS 142 - Technical Physics Lab
  - Creative Perspectives Elective
  - Oral Flag
  - Foreign Language Elective 201 or General Elective
  - Minor or 2nd Concentration

Total (18)

## Second Semester

- ENGL 205 - Literature & Moral Imagination or
- CLAS 205 - Classical Lit & Moral Imagina or
- SPAN 205 - Hispanic Lit & Moral Imagin
  - PHIL 200 - Philosophical Persepctives
  - Theological Perspectives (200 or higher)
  - Writing Flag
  - General Elective (3)
  - Minor or 2nd Concentration (3)

Total (18)

## Third Year

### First Semester

- MATH 156 - General Statistics
  - Humanities Perspective
  - Minor or 2nd Concentration / General Elective (3)
  - Minor or 2nd Concentration (3)
  - Minor or 2nd Concentration/Gen Elective (3)
- HOCS 301 - Human Occupation Across Lifesp
- HOCS 303 - Technlgy for Life Participatn
- PSYC 231 - Developmental Psychology

Total (17)

## Second Semester

- MATH 158 - General Statistics II
- PHIL 329 - Bioethics
  - Minor or 2nd Concentration (3)
- HOCS 323 - Occupatl Justice I:Foundations
- HOCS 401 - Transformative Nature of Occup
- HOCS 411 - Condns Influencing Participn

Total (18)

## Fourth Year

### First Semester

- Minor or 2nd Concentration
- HOCS 386 - Advanced Kinesiology and
- HOCS 387 - Advanced Kinesiology Lab
- BIOL 204 - Functional Neuroscience
- HOCS 321 - Analysis of Occupational Perfo
- HOCS 403 - Creative & Systematic Inquiry
- HOCS 405 - Occupatnl Justice II: Indp Stu
  - CORE 499

Total (18)

Undergraduate BLA hours completed.

Graduate MOT coursework begins.

## Second Semester

- MOCT 501 - Creative & Sys Inquiry II
- MOCT 502 - Creative & Systematic Inquiry
- MOCT 503 - Tech for Life Participation II
- MOCT 505 - Techniques & Tools for OCHT Pr
- MOCT 507 - Professional Issues I
- MOCT 609 - Theoretical Found&Clin Reason

Total (14)

## Fifth Year

### First Semester

- MOCT 601 - Graduate Research Project I
- MOCT 603 - Domns&Proc I:Birth-Early Adult
- MOCT 605 - Adapt&Tech for Occ Partic I
- MOCT 607 - Level I Fieldwork:Domns&Proc
- MOCT 611 - Professional Issues II

Total (14)

### Second Semester



- MOCT 631 - Graduate Research Project II
- MOCT 633 - Dom & Proc II: Ear Ad Through
- MOCT 635 - Adapt & Tech for Occ Part II
- MOCT 637 - Level I Fieldwork: Dom & Proc
- MOCT 641 - Professional Issues III
- MOCT 779 - Applied Interprofessional Coll

Total (14)

### Fifth Year Fieldwork

- MOCT 691 - Level II Fieldwork (Jun - Sep)
- MOCT 692 - Level II Fieldwork (Sep - Dec)

Total (6)

BLA Degree: (121 hours)

MOCT Courses: (48 hours)

MOT Degree TOTAL: (169 hours)

## **Master of Occupational Therapy**

**Pre-occupational Therapy (PMOT) To Master of Occupational Therapy (MOT Degree)**

This program option is designed to obtain the MOT degree in combination with a previously earned bachelor's degree in a related area. In process of earning the MOT degree, students will obtain a required concentration in Human Occupation Studies (HOCS) in preparation for graduate coursework in occupational therapy. Prior to admission into the MOT degree program, prerequisite courses must be completed or in process. Transfer students who have a bachelor's degree in a related field generally have 6 semesters of academic coursework and one summer course plus a post-academic fieldwork internship to complete to meet Xavier University's requirements for the MOT degree. Xavier accepts equivalent transfer credit work from other regionally accredited institutions of higher education for prerequisite coursework.

## Requirements for the Pre-MOT to MOT

Complete undergraduate prerequisite courses and earn no more than two "C" or lower letter grades in each course, as follows:

- ENGL 115 - Rhetoric
- 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
- PHYS 140 - Technical Physics
- PHYS 142 - Technical Physics Lab
  - HOCS 386 Advanced Kinesiology
  - HOCS 387 Advanced Kinesiology Lab
- MATH 156 - General Statistics
- MATH 158 - General Statistics II
- BIOL 204 - Functional Neuroscience
- PSYC 231 - Developmental Psychology
- PHIL 329 - Bioethics

## Concentration in Human Occupation Studies (HOCS):

Complete 23 hours from

- HOCS 301 - Human Occupation Across Lifesp
- HOCS 303 - Technlgy for Life Participatn
- HOCS 321 - Analysis of Occupational Perfo
- HOCS 323 - Occupatnl Justice I:Foundations
- HOCS 401 - Transformative Nature of Occup
- HOCS 403 - Creative & Systematic Inquiry
- HOCS 405 - Occupatnl Justice II: Indp Stu
- HOCS 411 - Condns Influencing Participn

Note(s):

- Earn no more than two “C” or lower letter grades in each course.

## Pre-Occupational Therapy (PMOT) to Master of Occupational Therapy (MOT)

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

### First Year

#### First Semester

- BIOL 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health
- MATH 156 - General Statistics
- ENGL 115 - Rhetoric
- PSYC 231 - Developmental Psychology
- HOCS 301 - Human Occupation Across Lifesp
- HOCS 303 - Technlgy for Life Participatn

Total (18)

#### Second Semester

- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
- MATH 158 - General Statistics II
- HOCS 323 - Occupatl Justice I:Foundations
- HOCS 401 - Transformative Nature of Occup
- HOCS 411 - Condns Influencing Participn

Total (16)

#### Summer Term

- PHIL 329 - Bioethics

## Second Year

### First Semester

- PHYS 140 - Technical Physics
- PHYS 142 - Technical Physics Lab
- BIOL 204 - Functional Neuroscience
  - HOCS 386 - Advanced Kinesiology
  - HOCS 387 - Advanced Kinesiology Lab
- HOCS 321 - Analysis of Occupational Perfo
- HOCS 403 - Creative & Systematic Inquiry
- HOCS 405 - Occupatnl Justice II: Indp Stu

**Prerequisite courses completed.**

Total (18)

### Second Semester

**Graduate MOT coursework begins**

- MOCT 501 - Creative & Sys Inquiry II
- MOCT 502 - Creative & Systematic Inquiry
- MOCT 503 - Tech for Life Participation II
- MOCT 505 - Techniques & Tools for OCHT Pr
- MOCT 507 - Professional Issues I
- MOCT 609 - Theoretical Found&Clin Reason

Total (14)

## Third Year

## First Semester

- MOCT 601 - Graduate Research Project I
- MOCT 603 - Domns&Proc I:Birth-Early Adult
- MOCT 605 - Adapt&Tech for Occ Partic I
- MOCT 607 - Level I Fieldwork:Domns&Proc
- MOCT 611 - Professional Issues II

Total (14)

## Second Semester

- MOCT 631 - Graduate Research Project II
- MOCT 633 - Dom & Proc II: Ear Ad Through
- MOCT 635 - Adapt & Tech for Occ Part II
- MOCT 637 - Level I Fieldwork: Dom & Proc
- MOCT 641 - Professional Issues III
  - MOCT 779 - Applied Interprofessional Collaboration

Total (14)

## Third Year Fieldwork

- MOCT 691 - Level II Fieldwork
- MOCT 692 - Level II Fieldwork

Total (6)

**Prerequisite Courses: (32 hours)**

**HOCS Courses: (23 hours)**

**MOCT Courses: (48 hours)**

**MOT Degree TOTAL: (103 hours)**

## **Psychology**

The Department 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 Industrial-Organizational Psychology, the Master of Arts in General Experimental Psychology as well as the Doctor of Psychology in Clinical Psychology degrees are offered.

The Department's Mission Statement: In keeping with the Jesuit, Catholic, liberal arts tradition, the Department 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 150 - Elements of Calculus I

or

- MATH 150
- MATH 151 - Elements of Calculus II

or

- MATH 170 - Calculus I
- MATH 171 - Calculus II

#### Philosophy:

An additional Philosophy 300 level elective of 3 credit hours beyond core requirements.

#### Science:

- 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

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

### 32 hours of required psychology courses from:

- PSYC 101 - General Psychology
- PSYC 200 - Orientation to the Major
- PSYC 210 - Statistical Techniques
  - Statistical Techniques Lab
- 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 - Abnormal Psychology
- PSYC 301 - History&Systems of Psychology
- PSYC 427 - Cognitive Psychology
  
- PSYC 499 - Senior Comprehensive Review

### 6 hours of psychology electives selected from:

- PSYC 232-498 (Refer to Course Descriptions.)

## Note(s):

- A 2.000 cumulative average must be attained in these psychology courses.
- Majors must attain a C- or above in each of: BIOL 140, BIOL 141, PSYC 210, PSYC 212, PSYC 221, and PSYC 223
- 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 140 - Human A&P I for Allied Health
- BIOL 141 - Hum A&P I Lab Allied Health
  
- MATH 105 - Fundamentals of Math or
- MATH 120 - Elementary Functions or
  - MATH 140 (if one tests into 150 or 170)
  
- PSYC 101 - General Psychology
  - Foreign Language Elective
  - CORE 100 - First Year Seminar

Total (16)

### Second Semester

- BIOL 142 - Hum A&P II for Allied Health
- BIOL 143 - Hum A&P II Lab Allied Health
  - Foreign Language Elective
- ENGL 101 - English Composition
  
- or
  
- ENGL 115 - Rhetoric
- PSYC 200 - Orientation to the Major
  
- PSYC 231 - Developmental Psychology
  
- or
  
- PSYC 261 - Social Psychology
  
- or
  
- PSYC 277 - Abnormal Psychology
  - MATH 140 - Mathematical Perspectives or
  - PSYC 231 - Developmental Psychology or
  - PSYC 261 - Social Psychology or

PSYC 277 - Abnormal Psychology

Total (17)

Sophomore Year

First Semester

- Historical Perspectives
- PHIL 100 - Ethics as Intro to Philosophy
- PSYC 210 - Statistical Techniques
  - PSYC 212 - Statistical Techniques Lab
- PSYC 221 - Research Meth & Design I
- PSYC 223 - Research Meth & Design I Lab
  
- PSYC 231 - Developmental Psychology
  
- or
- PSYC 261 - Social Psychology
  
- or
- PSYC 277 - Abnormal Psychology

Total (16)

Second Semester

- ENGL 205 - Literature & Moral Imagination or
- CLAS 205 - Classical Lit & Moral Imagina
- THEO 111 - Theological Foundations
- PHIL 290 - Theory of Knowledge
- PSYC 222 - Research Meth & Design II
- PSYC 224 - Research Meth & Design II Lab
  
- PSYC 231 - Developmental Psychology
  
- or
- PSYC 261 - Social Psychology
  
- or
- PSYC 277 - Abnormal Psychology
  
- or

- General University Elective (if tested into MATH 150 or 170)

Total (15)

## Junior Year

### First Semester

- PSYC 427 - Cognitive Psychology

Total (15)

### Second Semester

- PSYC Elective
- PHIL 300 Level Elective (also fulfills humanities elective)
- General University Elective
- General University Elective / Minor
- General University Elective / Minor

Total (15)

## Senior Year

### First Semester

- PSYC 301 - History&Systems of Psychology
  - PSYC Elective
- PSYC 499 - Senior Comprehensive Review (if planning on grad school)

or

- General University Elective
  
- General University Elective / Minor
- General University Elective / Minor

Total (15)

## Second Semester

- General University Elective

or

- PSYC 499 - Senior Comprehensive Review (if planning on job at graduation)
  - E/RS Focus Elective
  - CORE 499 - Reflection on XU Core
  - General University Elective / Minor
  - General University Elective / Minor

Total (12)

## 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 233 - Adolescent Psychology or
- PSYC 367 - Psychology of Aging
- PSYC 261 - Social Psychology
- PSYC 366 - Crime & Personality
- PSYC 277 - Abnormal Psychology
- PSYC 301 - History&Systems of Psychology
- PSYC 321 - Industrial-Organizational Psyc
- PSYC 379 - Psyc and Achievement Testing
  - Or other Psychology courses offered.

## Note(s):

- A 2.000 cumulative average must be attained in these psychology courses.
- For more information on the associate degree, contact Xavier's Center for Adult and Part-time Students (CAPS).

## Requirements for all Associate's Degrees

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 2.000 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 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.

## Master of Arts

### Psychology, M.A. (General Experimental Psychology Concentration)

The degree of Master of Arts in Psychology is designed to prepare students for employment in a related field and/or to continue their graduate studies at the doctoral level. The Department of Psychology offers two terminal Master of Arts degrees in psychology with areas of concentration in General Experimental Psychology and Industrial-Organizational Psychology. Students in both programs attend on a full-time basis.

Students admitted into either area of concentration 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 demonstrated a reading knowledge of a foreign language or demonstrated a proficiency in a computer language (PSYC 520 and PSYC 521) and, have both successfully defended their thesis and demonstrated their knowledge of the general field of psychology during their oral exam. The oral exam is to be 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.

### Requirements for M.A. in General Experimental Psychology

The general experimental concentration in Xavier's master's degree program embraces a 45-credit hour requirement extending over two full-time academic years.

Three themes run through the General Experimental 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 504 - Theories of Personality
- PSYC 506 - Advanced Social Psychology
- PSYC 609 - Learning & Cognition
- PSYC 502 - History & Philosophical Issues

## 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 Statistics Language I
- PSYC 521 - Computer Stats Language II
- PSYC 621 - Adv Research Design & Analysis
- PSYC 699 - Master's Thesis (6 credit hours)

## 3. General Experimental Concentration

(18 credit hours)

- PSYC 590 - Internship: Gen Exper Psycholo
  - 12 credit hours of related elective courses to fit student's professional interests.

## Internship

The six-credit hour required internship involves a minimum of 240 hours of supervised work experience in a setting appropriate to the student's interests. It is often completed over two semesters and may be performed either in a single location or at two different sites. The internship must be approved by the Department Chair and the student receives a grade for each of the two semesters of supervised work.

## 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 in both concentrations of the master's degree program must demonstrate proficiency in a computer language, typically gained through the courses PSYC 520 and PSYC 521.

## 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 Social Sciences, Health, and Education 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. An A=4 points, a B=3 points and a C=2 points. Pluses and minuses alter the merit points by .3.

## Admission Requirements

In order to have your application reviewed by the department you need to have the following materials sent to the Department of Psychology by the February 1st annual deadline date for submission.

Go to <http://www.xavier.edu/psychology-grad/io-admission.cfm> or <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 Department 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.
4. Three letters of recommendation.
5. Resume or vita.
6. A written personal statement (2-3 pages) which gives you the opportunity to introduce yourself to the department and give reasons for pursuing a graduate degree, and plans after completion of studies.
7. GRE scores: General Knowledge (verbal, quantitative and analytical) area is required. Psychology Subject Test 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 general psychology, psychology statistics, psychology research methods class with laboratory component, and a psychology tests and measurements course. Courses in developmental psychology are helpful. Courses in biological science and 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 concentration. Personality and character traits which are in agreement with ethical standards of psychology are necessary. At times, a personal interview may be required by the Admissions Committee of the Department of Psychology. The prospective student will be notified by the Department and arrangements will be made at that time. Any other questions regarding the program should be directed to the Department of Psychology Assistant Director for Enrollment and Student Services at 513 745-1053.

## Psychology, M.A. (Industrial-Organizational Psychology Concentration)

The Master of Arts degree is designed to prepare students for employment in a related field and/or to continue their graduate studies at the doctoral level. The Department of Psychology offers two terminal Master of Arts degrees in psychology with areas of concentration in General Experimental Psychology and Industrial-Organizational Psychology. Students in both programs attend on a full-time basis.

Students admitted into either area of concentration 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 demonstrated a reading knowledge of a foreign language or demonstrated a proficiency in a computer language (PSYC 520 and PSYC 521) and, have both successfully defended their thesis and demonstrated their knowledge of the general field of psychology during their oral exam. The oral exam is to be 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.



## Requirements for M.A. in Industrial-Organizational Psychology

The industrial-organizational concentration requires 43 credit hours and a full-time commitment over two academic years.

Three themes run through the I-O psychology program and are reflected in the typical two-year schedule of classes in the program.

### 1. General Psychology (3 credit Hours)

Three areas of psychology, integrated into a proseminar course, help assure basic knowledge within the general field of psychology. These three areas are theories of personality, advanced social psychology and learning and cognition. This course is:

- PSYC 579 - ProSem: Applied I/O Psychology

### 2. Research (15 credit hours)

Other core courses reflect the importance of a research foundation in psychology. These courses are:

- PSYC 511 - Advanced Statistics I
- PSYC 512 - Advanced Statistics II
- PSYC 520 - Computer Statistics Language I
- PSYC 521 - Computer Stats Language II
- PSYC 621 - Adv Research Design & Analysis
- PSYC 699 - Master's Thesis (6 hours)

### 3. Industrial-Organizational Psychology (25 credit hours)

A larger group of courses directly serve student interests in I-O Psychology. For first year students, 10 hours of I-O psychology courses are incorporated. For second year students, these courses include 15 credit hours. Overall, these courses consist of:

- PSYC 522 - Personnel Psychology
- PSYC 593 - Internship in I-O Psychology
- PSYC 641 - Assess Tech in Indust-Org Psyc
- PSYC 643 - Sem: Industrial - Org Psyc
- PSYC 644 - Organizational Psychology
- PSYC 645 - Train & Devel in Organizations
- PSYC 660 - Performance Appraisal

Note(s):

- The I-O psychology curriculum reflects the areas of competence to be developed in master's level I-O psychology courses, as identified in Guidelines for Education and Training at the Master's Level in Industrial-Organizational Psychology, 1994, Society for Industrial and Organizational Psychology, Inc. (Division 14 of the American Psychological Association). The curriculum is structured in such a way that later courses build on the content disseminated in earlier courses.

## Internship

The three-credit hour internship comprises 120 clock hours of supervised work in an appropriate field setting. This work may take the form of a project arranged with an employer that allows the student full responsibility for designing and carrying out the project, or the practicum may bring the student into an ongoing activity within an organization, such as employment interviewing or testing. The student receives a final grade for the practicum.

## Thesis

The thesis carries six 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 in both concentrations of the master's degree program must demonstrate proficiency in a computer language, typically gained through the courses PSYC 520 and PSYC 521, Computer Statistical Language I and II.

## 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 Social Sciences, Health, and Education 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. An A=4 points, a B=3 points and a C=2 points. Pluses and minuses alter the merit points by .3.

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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.
4. Three letters of recommendation.
5. Resume or vita.
6. A written personal statement (2-3 pages) which gives you the opportunity to introduce yourself to the department and give reasons for pursuing a graduate degree, and plans after completion of studies.
7. GRE scores: General Knowledge (verbal, quantitative and analytical) area is required. Psychology Subject Test 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 general psychology, psychology statistics, psychology research methods class with laboratory component, and a psychology tests and measurements course. Courses in developmental psychology are helpful. Courses in biological science and 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 concentration. Personality and character traits which are in agreement with ethical standards of psychology are necessary. At times, a personal interview may be required by the Admissions Committee of the Department of Psychology. The prospective student will be notified by the Department and arrangements will be made at that time. Any other questions regarding the program should be directed to the Department of Psychology Assistant Director for Enrollment and Student Services at 513 745-1053.

## Doctor of Psychology

### Doctor of 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 practitioner-scientist orientation emphasizes the importance of a scientific foundation in psychology. Although the PsyD program is designed to prepare students for the general practice of clinical psychology, it also addresses the service of specific groups of under-served individuals in today's society— children and adolescents, older adults, and individuals with severe mental disability. Within the curriculum, students have the opportunity to pursue these areas of interest by taking specialized courses, gaining experience in practicum placements, and conducting applied research.

## Program of Studies

Students are accepted into the program on a full-time basis and are required to complete a minimum 114 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. Ninety credit hours consist of courses that are primarily "academic" in nature. These courses are designed to develop content and methodologies in specific areas identified by the American Psychological Association as essential for clinical training--biological, cognitive and affective, social and cultural aspects of behavior, individual differences in behavior, history and systems in psychology, psychological measurement and assessment, human development, psychopathology, professional standards of ethics, research and evaluation, and professional interpersonal conduct. Twenty-four credit hours include 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 an "Area of Interest" in clinical child psychology, applied geropsychology, or the psychology of severe mental disability. Prior to applying for internship in the fall of the fourth year, students must successfully complete the Clinical Competency Examination, patterned after the examination given by the American Board of Professional Psychology, 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 expect a portion of the previous graduate work to be credited toward the fulfillment of the doctoral degree requirements. The allowable number of transferable hours may vary. In all cases a minimum of 75 hours of the required 114 must be completed at Xavier.

Petitions for transfer of credit will be granted with the recommendation of the Department Chair and approval of the Dean of the College of Social Sciences, Health, and Education. 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.

## Requirements for the PsyD degree

### 1.

To ensure comprehensiveness in the program, all students must include 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.

### Year One

- PSYC 504 - Theories of Personality
- PSYC 506 - Advanced Social Psychology
- PSYC 508 - Diversity
- PSYC 511 - Advanced Statistics I
- PSYC 512 - Advanced Statistics II
- PSYC 520 - Computer Statistics Language I
- PSYC 521 - Computer Stats Language II
- PSYC 580 - Clinical Psychopathology
- PSYC 582 - Assessment I: Intelligence
- PSYC 585 - Assessment II: Personality
- PSYC 649 - Intro to Clinical Interactions

### Summer

- PSYC 502 - History & Philosophical Issues
- PSYC 505 - Prof Problems & Ethics in Psyc

### Year Two

- PSYC 609 - Learning & Cognition
- PSYC 610 - Biological Bases of Behavior

- PSYC 621 - Adv Research Design & Analysis
- PSYC 623 - Issues in Applied Psychology
- PSYC 629 - Intervention Tech: Behav Thera
- PSYC 650 - Professional Devl & Pract I
- PSYC 651 - Professional Devl & Pract II
- PSYC 685 - Assessment III: Personality

Earn MA in Psychology

## Summer

- PSYC 607 - Advanced Developmental Psych
  - Elective Course

## Year Three

- PSYC 730 - Intervention Tech: Consulting
- PSYC 731 - Intervention Tech: Psychodynam
- PSYC 760 - Clinical Practicum III
- PSYC 761 - Clinical Practicum IV
- PSYC 787 - Research I
- PSYC 788 - Research II
  - Elective courses (2)

## Note(s):

- Clinical Competency Examination or Dissertation proposal must be successfully completed by the end of the spring semester prior to applying for internship.

## Year Four

- Internship applications are completed during the fall semester of the fourth year.
- Clinical Competency Examination and the Dissertation proposal must be successfully completed prior to applying for the internship in the Fall.
- PSYC 789 - Research III
- PSYC 850 - Clinical Practicum V
- PSYC 851 - Clinical Practicum VI
  - Elective courses (5)

## Year Five

- PSYC 999 - Internship (one year)

## 2.

All students are required to take eight elective courses, four of which are specified as the student's "Area of Interest"--clinical child psychology, applied geropsychology, or the psychology of severe mental disabilities. 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 Organizational Concepts and Management" or a "Certificate in the Foundations of Health Services Administration." In cooperation with the Williams College of Business and the Health Services Administration Department, doctoral students may elect to take courses which offer a foundation in business or in the health services discipline which provide a basis for understanding the dynamics involved in the delivery of health care services in today's changing professional climate.

## 3.

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 or the student has reached the 8-year limit for the PsyD program.

This policy remains in effect after the completion of the internship, until the dissertation is defended and deposited in the library. There is an eight year time limit to complete all program requirements. A minimum of 75 of the 114 hours required coursework for the PsyD. Degree must be completed at Xavier.

## 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 Social Sciences, Health, and Education 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.

## 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.
4. Three letters of recommendation.
5. A written personal statement of reasons for pursuing a graduate degree in the psychology department at Xavier University, and plans after completion of studies.
6. 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.
7. A completed Application for Financial Assistance form for possible financial aid if interested.
8. Any other information that might aid in the selection process.

Students must have a minimum of 18 undergraduate hours in psychology, including general psychology, psychology statistics, research methods course with lab, and tests and measurements. Courses in developmental and abnormal psychology are helpful. Courses in biological science and college mathematics are also recommended as a preparation for graduate studies. Students with graduate training in clinical psychology or a related field who are accepted with advanced standing may expect a portion of their previous graduate work (if the student has earned a grade of "B" or higher) to be credited toward the fulfillment of the requirements for the doctoral degree. All decisions regarding acceptance of graduate credit will be made by the Department Chair in conjunction with the student's advisor by the end of the first year.

In all cases, a minimum of 75 of the 114 hours required coursework for the PsyD. degree must be completed at Xavier.

## Minors

### Psychology Minor

18 total credit hours, as follows:

12 hours of required courses from:

- PSYC 101 - General Psychology
- PSYC 210 - Statistical Techniques
  
- PSYC 221 - Research Meth & Design I and
- PSYC 223 - Research Meth & Design I Lab
  
- PSYC 261 - Social Psychology

3 hours from either:

- PSYC 231 - Developmental Psychology
- PSYC 277 - Abnormal Psychology

### 3 hours of approved electives including, but not limited to:

- PSYC 222 - Research Meth & Design II and
- PSYC 224 - Research Meth & Design II Lab
  
- PSYC 231 - Developmental Psychology or
- PSYC 277 - Abnormal Psychology
  
- PSYC 233 - Adolescent Psychology
- PSYC 245 - Psyc of Cultural Differences
- PSYC 301 - History&Systems of Psychology
- PSYC 310 - Marriage and the Family
- PSYC 321 - Industrial-Organizational Psyc
- PSYC 353 - Violence Against Women & Girls
- PSYC 365 - Psychology of Women
- PSYC 366 - Crime & Personality
- PSYC 367 - Psychology of Aging
- PSYC 370 - Human Sexuality
- PSYC 375 - Drugs in Society
- PSYC 379 - Psyc and Achievement Testing
- PSYC 426 - Physiological Psychology
- PSYC 427 - Cognitive Psychology
- PSYC 477 - Sports Psychology

Consult with advisor for guidance.

### Note(s):

- A 2.000 cumulative average must be attained in these psychology courses.
- The University core Social Science elective is included in the minor requirements.

## **Radiologic Technology**

The Radiologic Technology Program offers a two year/full-time (23 months) classroom and clinical training leading to an Associate of Science degree. The hospital affiliates are Good Samaritan Hospital and Mercy Hospital-Western Hills. Education for the radiography student is an integrated plan of classroom, laboratory and clinical education. The Radiographic Practicum courses (12 credit hours and approximately 1900 clock hours) allow the students to practice the theories taught at Xavier and apply them in a clinical setting. Upon successful completion of the program, students receive an Associate Degree in Science and are eligible to apply to the American Registry of Radiologic Technology (ARRT) to take their certification examination.

Also offered is a Magnetic Resonance Imaging (MRI) program. The program is designed to help MRI technologist working in the field prepare for the ARRT advanced examination or to help radiographers expand their career in MRI imaging.

## **Bachelor of Liberal Arts**

## **Bachelor of Liberal Arts with MRI Concentration**



## Magnetic Resonance Imaging (MRI) Program

The program provides comprehensive didactic and clinical education in Magnetic Resonance Imaging with graduates meeting the eligibility requirements for the ARRT's post-primary exam in MRI. **Candidates must be graduates or pending graduates from a JRCERT accredited program in Radiography.** In addition, candidates must be registered by the ARRT by the beginning of the Spring semester.

Students have two options to continue their studies in MRI:

1. **Bachelor of Liberal Arts with a MRI concentration** – Students would complete the required general core courses in addition to the required MRI didactic/clinical courses for a total of 120 credit hours. Depending on the amount of transfer credit hours and the additional core courses taken during each semester, this option may take longer than the traditional two years. At the completion of the course of studies, students will receive their bachelor's degree and be eligible to apply to sit for the ARRT advanced registry examination for MRI. **OR**
2. **MRI Certificate Program** – The applicant must be a graduate of an accredited radiologic technology program to be accepted into the MRI program. College credit hours will be awarded for the MRI didactic and clinical courses following successful completion of each course. At the completion of the program (17 credit hours), students will receive a certificate of completion and be eligible to apply to sit for the ARRT examination for MRI. Students would be able to apply these course credit hours towards the Bachelor Degree of Liberal Arts in the future.

### Note(s):

- A grade of "C-" or better must be attained in all RADT courses.
- Courses with prerequisites cannot be taken until the prerequisite courses have been successfully completed with a grade of "C-" or better.
- All students must present evidence of the following **prior to entrance in all clinical courses:**
  1. Liability insurance (\$2,000,000/\$4,000,000), purchased through the University and billed to student's account.
  2. Health history and required physical examination form
  3. MMR immunization
  4. Yearly tuberculosis skin test (two-step)
  5. Hepatitis B series
  6. Proof of current health care coverage
  7. Verification of history of varicella (chicken pox)
  8. Tetanus-Diphtheria-Acellular Pertussia (Tdap)
  9. CPR certification
- Students are responsible for these expenses as well as for uniforms, and transportation costs to the clinical sites. Students must provide their own transportation between campus and clinical sites.

### August - Pre-Semester

- RADT 300 - Introduction to MRI (This course must be completed with a "C-" or better before entering the Fall Semester and the clinical aspects of the program.)

### Total (1)

### Fall Semester: Begins with the regular Fall Semester

- RADT 310 - MRI Imaging Procedures
- RADT 311 - MRI Practicum I
- RADT 320 - Physical Principles of MRI I
- RADT 330 - Advance Sectional Anatomy

Total (8)

## Spring Semester

- RADT 313 - MRI Practicum II
- RADT 321 - Physical Principles of MRI II
- RADT 340 - MRI Pathology
- RADT 350 - Management of a MRI Center

Total (8)

Total of 17 credit hours

### NOTE:

A grade of "C-" or higher must be attained in all MRI courses in order to advance to the next semester.

## Associate of Science

### Radiologic Technology, A.S.

The Radiologic Technology Program offers a two year/full-time (21 months) classroom and clinical training leading to an Associate of Science degree. The hospital affiliates are Good Samaritan Hospital and Mercy Hospital-Western Hills. Education for the radiography student is an integrated plan of classroom, laboratory and clinical education. The Radiographic Practicum courses (12 credit hours and approximately 1750 clock hours) allow the students to practice the theories taught at Xavier and apply them in a clinical setting. Upon successful completion of the program, students receive an Associate Degree of Science and are eligible to apply to the American Registry of Radiologic Technology (ARRT) to take their certification examination.

Students interested in pursuing a career in Magnetic Resonance Imaging (MRI) can complete the MRI courses and clinical training after graduating from the radiologic technology program. These courses are designed to help MRI technologists working in the field prepare for the ARRT advanced examination or to help radiographers obtain their Bachelor's degree of Liberal Arts with a concentration in MRI.

### Associate of Science Degree in Radiologic Technology

The program requires 73 semester hours which include courses in liberal arts and radiologic technology.

The graduates of this program are eligible to apply for the American Registry of Radiologic Technologists examination.

### Requirements for the Associate Degree in Radiologic Technology:

## Undergraduate core curriculum requirements:

Undergraduate Core Curriculum

## Major requirements:

37 credit hours, as follows

## Specific courses are required, take:

- RADT 150 - Medical Terminology
- RADT 152 - Patient Care in Radiography
- RADT 154 - Ethics & Law in Radiography
- RADT 160 - Radiographic Procedures I
- RADT 161 - Radiographic Practicum I
- RADT 162 - Radiographic Procedures II
- RADT 163 - Radiographic Practicum II
- RADT 165 - Radiographic Practicum III
- RADT 170 - Prin of Radiographic Expos I
- RADT 172 - Prin of Radiographic Expos II
- RADT 180 - Radiation Protection and Biolo
- RADT 200 - Digital Imaging
- RADT 250 - General Radiography
- RADT 260 - Special Procedures
- RADT 261 - Radiographic Practicum IV
- RADT 262 - Pharmacology & Drug Admin
- RADT 263 - Radiographic Practicum V
- RADT 265 - Radiographic Practicum VI (optional)
- RADT 270 - Prin of Radiographic Expos III
- RADT 272 - Principles Computed Tomography
- RADT 280 - Pathology
- RADT 292 - Imaging Equipment & Film Proce
- RADT 294 - Radiographic Sectional Anatomy

## Additional Major requirements:

7 credit hours, as follows

## 3 hours of Interpersonal Communication from:

- COMM 207 - Interpersonal Communication

## 4 hours of Technical and Radiologic Physics from:

- PHYS 140 - Technical Physics
- PHYS 141 - Radiologic Physics

## Note(s):

- A grade of "C-" or better must be attained in all RADT and PHYS courses.
- Courses with prerequisites cannot be taken until the prerequisite courses have been successfully completed with a grade of "C-" or better.
- All students must present evidence of the following **prior to entrance in all clinical courses:**
  1. Liability insurance (\$2,000,000/\$4,000,000), purchased through the University and billed to student's account.
  2. Health history and required physical examination form
  3. MMR immunization
  4. Yearly tuberculosis skin test (two-step)
  5. Hepatitis B series
  6. Proof of current health care coverage
  7. Verification of history of varicella (chicken pox)
  8. Tetanus-Diphtheria-Acellular Pertussia (Tdap)
  9. CPR certification
- Students are responsible for these expenses as well as for uniforms, radiographic markers, and transportation costs to the clinical sites. Students must provide their own transportation between campus and clinical sites.

## TOTAL NUMBER OF CREDITS: 73 Hours

## Requirements for all Associate's Degrees

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 2.000 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 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.

## Certificate

## MRI Certificate Program

### Magnetic Resonance Imaging (MRI) Program

The program provides comprehensive didactic and clinical education in Magnetic Resonance Imaging with graduates meeting the eligibility requirements for the ARRT's post-primary exam in MRI. **Candidates must be graduates or pending graduates from a JRCERT accredited program in Radiography.** In addition, candidates must be registered by the ARRT by the beginning of the Spring semester.

Students have two options to continue their studies in MRI:

1. Bachelor of Liberal Arts with a MRI concentration – Students would complete the required general core courses in addition to the required MRI didactic/clinical courses for a total of 120 credit hours. Depending on the amount of transfer credit hours and the additional core courses taken during each semester, this option may take longer than the traditional two years. At the completion of the course of studies, students will receive their bachelor's degree and be eligible to apply to sit for the ARRT advanced registry examination for MRI. **OR**
2. MRI Certificate Program – The applicant must be a graduate of an accredited radiologic technology program to be accepted into the MRI program. College credit hours will be awarded for the MRI didactic and clinical courses following successful completion of each course. At the completion of the program (17 credit hours), students will receive a certificate of completion and be eligible to apply to sit for the ARRT examination for MRI. Students would be able to apply these course credit hours towards the Bachelor Degree of Liberal Arts in the future.

#### Note(s):

- A grade of "C-" or better must be attained in all RADT courses.
- Courses with prerequisites cannot be taken until the prerequisite courses have been successfully completed with a grade of "C-" or better.
- All students must present evidence of the following **prior to entrance in all clinical courses:**
  1. Liability insurance (\$2,000,000/\$4,000,000), purchased through the University and billed to student's account.
  2. Health history and required physical examination form
  3. MMR immunization
  4. Yearly tuberculosis skin test (two-step)
  5. Hepatitis B series
  6. Proof of current health care coverage
  7. Verification of history of varicella (chicken pox)
  8. Tetanus-Diphtheria-Acellular Pertussia (Tdap)
  9. CPR certification
- Students are responsible for these expenses as well as for uniforms, and transportation costs to the clinical sites. Students must provide their own transportation between campus and clinical sites.

#### August - Pre-Semester

- RADT 300 - Introduction to MRI (This course must be completed with a "C-" or better before entering the Fall Semester and the clinical aspects of the program.)

#### Total (1)

#### Fall Semester: Begins with the regular Fall Semester

- RADT 310 - MRI Imaging Procedures
- RADT 311 - MRI Practicum I
- RADT 320 - Physical Principles of MRI I
- RADT 330 - Advance Sectional Anatomy

Total (8)

## Spring Semester

- RADT 313 - MRI Practicum II
- RADT 321 - Physical Principles of MRI II
- RADT 340 - MRI Pathology
- RADT 350 - Management of a MRI Center

Total (8)

Total of 17 credit hours

## NOTE:

A grade of "C-" or higher must be attained in all MRI courses in order to advance to the next semester.

# Social Work

The Department of Social Work offers the Bachelor of Science in Social Work.

## Bachelor of Science in Social Work

### Social Work, B.S.W.

Social workers are licensed professionals helping people and society with complex interpersonal and social problems. Social Work is a profession with both educational and licensure requirements 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 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 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 both a consumer and producer of research informed practice and practice informed research.
- **Human Behavior & Diversity:** students will know and utilize social work cultural competency standards and theories of human behavior grounded in a

person-in-environment perspective.

- **Ethics & Values:** students will engage in an ethical decision making process based on the core values and ethical principles of social work including identifying personal and professional values that play a role in that process.
- **Policy & Social Justice:** students will 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.
- **Professional Practice:** students will identify as professional social workers and become leaders in shaping the areas of engagement, assessment, intervention, and evaluation to effectively address societal trends.

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.

## Requirements for the Social Work Major

### Undergraduate core curriculum requirements: 48-63 Credit Hours dependent on courses taken

- 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 or BIOL 132 and earn a grade of "C" or better; and take 3 hours of another science.

#### 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, Poverty and Society
- SOCW 316 - Soc Policy & Contemporary Issu
- SOCW 320 - Communication Skills Seminar
- SOCW 352 - Research Methodology
  - SOCW Upper Level Diversity Course (Choose either SOCW 318 Trends in Modern Soc: Race Rel, or SOCW 325 Women/Men: Myth & Reality)
- 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
- SOCW 424 - Research Paper

## 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
- SOCW 204 - Contemporary Social Problems
- CJUS 260 - Current Issues in Crim Justice
- CJUS 321 - Juvenile Justice
- COMM 101 - Oral Communication
- COMM 209 - Group Dynamics
- POLI 140 - American Government and Politi
- POLI 301 - Political Philosophy
- PSYC 261 - Social Psychology

or

- SOCW 261 - Social Psychology
- PSYC 277 - Abnormal Psychology
- SOCW 318 - Trends in Modern Soc: Race Rel
- SOCW 325 - Women/Men: Myth & Reality
- SOCW 402 - Child Abuse & Family Violence
- SOCW 444 - Addictive Behaviors
- PSYC 367 - Psychology of Aging
- SOCW 310 - Family and Society



- SOCW 330 - Community Organizing
- SOCW 338 - Lesbian Gay BTQ Studies

## 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
  - Foreign Language Elective (3)
  - CORE 100 - First Year Seminar
- SOCW 167 - Survey of Society Social Work (fulfills core Diversity Curriculum Requirement)

Total (15)

### Second Semester

- THEO 111 - Theological Foundations

- Foreign Language Elective (3)
- SOCI 101 - Introduction to Sociology or
- PSYC 101 - General Psychology
  - Creative Perspectives Elective

Total (15)

## Sophomore Year

### First Semester

- SOCW 299 - Child Welfare and Development (fulfills core curriculum Social Science Requirement)
  - SOCW 206 - Intro to Gender & Diversity St
    - PHIL 200 - Philosophical Perspectives
    - Scientific Perspectives Elective
  - CLAS 205 - Classical Lit & Moral Imagina
- or
- ENGL 205 - Literature & Moral Imagination
- or
- SPAN 205 - Hispanic Lit & Moral Imagin

Total (15)

### Second Semester

- SOCW 300 - Adolescence - Older Adulthood
- BIOL 102 - Life: Human Biology
  - BIOL 132 - Life: Human Biology Lab (fulfills core curriculum Natural Science Requirement)
- SOCW 208 - Economics of Society
  - Humanities Elective
  - Oral Communication Elective

Total (15)

## Junior Year

### First Semester

- SOCW 315 - Values, Poverty and Society +
- SOCW 392 - Practice I: Individuals
  - SOCW Elective
- MATH 116 - Elementary Statistics or
  - MATH 157 - General Statistics (fulfills core curriculum Mathematical Perspectives Requirement)
- PSYC 101 - General Psychology or
- SOCI 101 - Introduction to Sociology

Total (15)

### Second Semester

- SOCW 316 - Soc Policy & Contemporary Issu
  - SOCW Upper Level Diversity Course (Choose from SOCW 318 Trends in Modern Soc: Race ReI,or SOCW 325 Women/Men: Myth & Reality
  - SOCW Elective
  - Quantitative Elective
- SOCW 320 - Communication Skills Seminar
- SOCW 393 - Practice II: Groups & Families

Total (16)

## 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
- SOCW 404 - Rel/Ethics & Profession Pract (Fulfills core curriculum Theological Perspectives or Humanities requirement) +

Total (15)

## Second Semester

- SOCW 418 - Social Work Field Instruction
- SOCW 420 - Social Work Seminar
  - SOCW Elective
  - Writing Intensive Elective
  - General Elective
- SOCW 424 - Research Paper

Total (16)

## 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, Poverty and Society; SOCW 404 Rel/Ethics & Profession Pract; and SOCW 206 - Intro to Gender and Diversity Studies

## Sport Studies

The sport studies department offers undergraduate degrees in sport management, sport marketing, and exercise science, as well as master's degrees in sport administration, athletic training and coaching education and athlete development.

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.

## 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 Core Exercise Science courses
- A minimum grade of "C" in all Exercise Science Elective courses
- A minimum cumulative GPA of 3.0 in all Exercise Science Elective courses
- A minimum grade of "C-" in all required Science courses
- A minimum cumulative GPA of 2.50 in all required Science courses

## 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: Introduction Exercise Science 3 CR
- EXSC 200: Kinesiology 3 CR
- EXSC 300: Exercise Physiology 3 CR
- EXSC 320: Fitness Training Principles 3 CR
- EXSC 325: Resistance Training 1 CR
- EXSC 360: Nutrition for Sport & Exercise 3 CR
- EXSC 380: Fitness Assessment & Design 3 CR
- EXSC 381: Fitness Assessment & Design Lab 1 CR
- EXSC 460: Exercise Science Practicum 6 CR

### Exercise Science Electives - 9 hours from the following options:

- BIOL 204: Functional Neuroscience 3 CR
- BIOL 370: Endocrinology 3 CR
- EXSC 160: Group Fitness 1 CR
- EXSC 260: Sports Medicine 3 CR
- EXSC 261: Sports Medicine Lab 1 CR
- EXSC 340: International Exercise Science 3 CR
- EXSC 400: Biomechanics 3 CR
- EXSC 420: Cardiopulmonary Fitness 3 CR
- EXSC 440: Fitness in Special Populations 3 CR
- SPMG 322: Facility and Event Mgmt 3 CR
- SPMG 348: Legal and Ethical Issues in Sprt 3 CR
- SPMG 377/PSYC477: Sport Psychology 3 CR

- SPMG 410: Sport Ethics 3 CR

## Mathematics Requirements:

- MATH 116 - Elementary Statistics
- or
- 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

or

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- PHYS 140 - Technical Physics
- PHYS 142 - Technical Physics Lab

or

- 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 - Hum 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 142 - 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 - Hum 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 142 - 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 and Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

## Fourth Year

### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Intervention 1
- ATTR 540 - Evidence-Based Practice
- ATTR 550 - Interprofessional Collaboration
- ATTR 561 - Clinical Experience 1

### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Intervention 2
- ATTR 541 - Research 1
- ATTR 562 - Clinical Experience 2

## Fifth Year

### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts in AT
- ATTR 633 - Therapeutic Intervention 3
- ATTR 642 - Research 2
- 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.**

See Sport Management/Marketing, B.S.

## **Sport Marketing, B.S.**

See Sport Management/Marketing, B.S.

## Master of Education

### Coaching Education and Athlete Development, M.Ed.

The Master in Coaching Education and Athlete Development is a 33 hour cohort program. The students will complete 33 hours of coursework online and which will include two one-week summer residencies.

Contact the Department of Sport Studies for additional information 513 745-4291 or [www.xavier.edu/coaching](http://www.xavier.edu/coaching)

## Course Sequence

### Year One

- SPMG 570 - Psycho-Social Aspects of Sport
- SPMG 610 - Sport Ethics
  - SPMG 620 - Sport Leadership and Team Building
- SPMG 625 - High School Athletic Admin
  - SPMG 640 - Sports Safety, Risk Management and Injury Prevention
  - SPMG 680 - Residency I: Special Topics (Summer, 4 weeks; 1 week in residence)

### Year Two

- SPMG 630 - Sport Pedagogy and Coaching Analysis
- SPMG 650 - Long-term Athlete Development I: Youth and Novice Athletes
- SPMG 660 - Long-term Athlete Development II: Elite and Senior Athletes
- SPMG 670 - Research In Coaching
- SPMG 681 - Residency II

## Sport Administration, M.Ed.

The degree of Master of Education with a concentration in Sport Administration is designed to prepare an individual for a career within the expanding sport industry. The program was designed utilizing the guidelines recommended by the North American Society for Sport Management (NASSM).

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. Classes are held in the evenings. Students may be admitted to the program in any semester.

## Requirements for the M.Ed. in Sport Administration:

This M.Ed. 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 Administraion Seminar
- SPMG 570 - Psycho-Social Aspects of Sport
- SPMG 610 - Sport Ethics
- SPMG 622 - Personnel Issues in Sport Mgmt
- SPMG 625 - High School Athletic Admin
- SPMG 632 - Sport Event Mgmt & Promotion
- SPMG 642 - Sport Fund-Raising
- 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

## Master of Science

## Athletic Training, M.S.

Athletic training is an allied health profession within the American Medical Association. 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 <http://www.xavier.edu/master-of-athletic-training-program/Admission.cfm> for current information pertaining to accreditation, program admission, technical standards, graduation requirements and the curriculum.

The Masters in Athletic Training program operates on a rolling admissions basis. We welcome complete applications as early as August; however, the deadline is February 15th. Students may apply after the deadline, and we will review applications on a rolling basis as space permits in the cohort.

Students with incomplete prerequisites may apply; however, they must state how they will satisfy the prerequisites prior to the start of the program. A student with deficiencies may be considered for conditional admission to the program if he or she fails to meet any of the requirements, however, all requirements must be met prior to the start of the program.

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. After the fourth year at XU, students will earn an undergraduate degree in Exercise Science and after the fifth year, students will earn a Master of Science in Athletic Training.

## Program Admission Requirements

## MS in AT (5 year option): Conditional Graduate Program Admission Requirements

Prospective students in the XU-Exercise Science major, interested in pursuing the Masters of Science in Athletic Training degree program must meet the pre-requisites listed below.

### Pre-requisites:

- Completion of Xavier University's core and Exercise Science degree requirements
- Completion of a minimum of 97 credits
- Overall 3.0 GPA
- Minimum grade of "C" in each pre-requisite course (C- is not acceptable)
- Minimum cumulative GPA of 3.0 in all pre-requisite courses

Pre-requisite Courses:

- Anatomy & Physiology (BIOL 140-143)
- Students changing their major from Biology can petition to use BIOL 160-163

- Exercise Physiology (EXSC 225)
- Chemistry + Lab (CHEM 150 & 151)
- Physics + Lab (PHYS 140 & 141)
- Nutrition (EXSC 330)
- Statistics (MATH 116 or 156)
- English Composition (ENGL 101) or Rhetoric (ENGL 115)

- Completion of 40 hours of Professional exploration: a minimum of two athletic training practice settings addressing the needs of distinct patient populations
- CPR Certification (AHA ACLS, AHA BLS Healthcare Provider, or ARC CPR/AED for the Professional Rescuer).
- First Aid Certification (ARC)

**Prospective students will be asked to submit the following along with an online application form by the Admission Deadline (February 15th for the following summer semester).**

- One official transcript sent directly from the college/university to the Office of the Graduate School, of all previous undergraduate and graduate course work. Transcripts must demonstrate that the GPA, and pre-requisite course requirements have been met.
- Documentation of 40 hours of Professional exploration: a minimum of two athletic training practice settings addressing the needs of distinct patient populations
- Proof of current CPR Certification (AHA ACLS, AHA BLS Healthcare Provider, or ARC CPR/AED for the Professional Rescuer)
- Proof of current First Aid Certification (ARC)
- Read the Technical Standards and submit the signed Technical Standards Verification Form.
- A one-page statement of your career goals and how Xavier's Athletic Training Program fits with your goals.
- Two letters from professional and/or academic references who are able to assess your potential for success in this program

\*\* Once all pre-requisites have been meet, qualified students will complete an Interview with an Athletic Training Faculty member (in person or over the phone).

## **MS in AT (2 year option): Admission Requirements**

Prospective students with a bachelors degree interested in pursuing the Masters of Science in Athletic Training degree program must meet the pre-requisites listed below.

### **Pre-requisites:**

- A bachelors degree from a regionally accredited college or university.
- Overall 3.0 Undergraduate GPA
- Minimum grade of "C" in each pre-requisite courses (C- is not acceptable)
- Minimum cumulative GPA of 3.0 in all pre-requisite courses

Pre-requisite Courses:

- Human Anatomy & Physiology
- Human Anatomy & Physiology Lab
- Anatomy & Physiology can be combined or separate
- Exercise Physiology
- Chemistry + Lab
- Physics + Lab
- Nutrition
- Statistics
- English Composition (Writing course)

- Completion of 40 hours of Professional exploration: a minimum of two athletic training practice settings addressing the needs of distinct patient populations
- CPR Certification (AHA ACLS, AHA BLS Healthcare Provider, or ARC CPR/AED for the Professional Rescuer)
- First Aid Certification (ARC)



**Prospective students will be asked to submit the following along with an online application form by the Admission Deadline (February 15th for the following summer semester).**

- One official transcript sent directly from the college/university to the Office of the Graduate School, of all previous undergraduate and graduate course work. Transcripts must demonstrate that the GPA, and pre-requisite course requirements have been met.
- Documentation of 40 hours of Professional exploration: a minimum of two athletic training practice settings addressing the needs of distinct patient populations
- Proof of current CPR Certification (AHA ACLS, AHA BLS Healthcare Provider, or ARC CPR/AED for the Professional Rescuer)
- Proof of current First Aid Certification (ARC)
- Read the Technical Standards and submit the signed Technical Standards Verification Form.
- A one-page statement of your career goals and how Xavier's Athletic Training Program fits with your goals.
- Two letters from professional and/or academic references who are able to assess your potential for success in this program

\*\* Once all pre-requisites have been meet, qualified students will complete an Interview with an Athletic Training Faculty member (in person or over the phone).

## Progression & Retention Requirements

- Students must maintain a minimum grade of "B-" in all graduate athletic training 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 maintain current First Aid and CPR certification. Students are not allowed to participate in clinical experiences without current CPR & First Aid credentials. Students without current credentials will be suspended from all clinical experiences until this requirement is met.
- Students must follow all program policies & procedures and adhere to the National Athletic Trainers' Association's Code of Ethics. Violations will be dealt with on an individual bases, but could result in probation, suspension, or expulsion of the program depending on the severity.
- A code of ethical behavior and conduct has been developed to ensure professional behavior of all students enrolled in the Master's in Athletic Training. The Program Director will review cumulative code infractions at the end of each academic semester. A student who exceeds the maximum cumulative infraction points as outlined in the student handbook will be deemed unprofessional and will not be permitted to continue in the program.
- Students must receive satisfactory clinical evaluations from their assigned preceptors. Students receiving unsatisfactory evaluations will be required to meet with the Program Director and Clinical Education Coordinator to devise a plan intended to improve the student's clinical success. The student has one semester to improve their clinical evaluation ratings. Failure to follow the agreed upon plan may result in probation, suspension, or expulsion of the program depending on the case.

## 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 of the required Clinical Integration Proficiencies.
- Students must pass a Xavier University Athletic Training comprehensive exam.

## Course Sequence

### Summer Semester - 9 credit hours

- ATTR 500: Care and Prevention
- ATTR 501: Athletic Training Skills
- ATTR 510: Anatomical Kinesiology

## First Year

### Fall Semester - 12 credit hours

- ATTR 521: Lower Extremity Injuries
- ATTR 531: Therapeutic Intervention 1
- ATTR 540: Evidence-Based Practice
- ATTR 550: Interprofessional Collaboration
- ATTR 561: Clinical Experience 1

### Spring Semester - 12 credit hours

- ATTR 522: Upper Extremity Injuries
- ATTR 523: Head, Spine & Thorax Injuries
- ATTR 532: Therapeutic Intervention 2
- ATTR 541: Research 1
- ATTR 562: Clinical Experience 2

## Second Year

### Fall Semester - 12 credit hours

- ATTR 600: Medical Issues in AT
- ATTR 610: Administrative Concepts in AT
- ATTR 633: Therapeutic Intervention 3
- ATTR 642: Research 2
- ATTR 663: Clinical Experience 3

### Spring Semester - 9 credit hours

- ATTR 650: Contemporary Issues in AT
- ATTR 664: Clinical Experience 4

## 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 - Hum 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 142 - 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 and Prevention
- ATTR 501 - Athletic Training Skills
- ATTR 510 - Anatomical Kinesiology

## Fourth Year

### Fall Semester

- ATTR 521 - Lower Extremity Injuries
- ATTR 531 - Therapeutic Intervention 1
- ATTR 540 - Evidence-Based Practice
- ATTR 550 - Interprofessional Collaboration
- ATTR 561 - Clinical Experience 1

### Spring Semester

- ATTR 522 - Upper Extremity Injuries
- ATTR 523 - Head, Spine & Thorax Injuries
- ATTR 532 - Therapeutic Intervention 2
- ATTR 541 - Research 1
- ATTR 562 - Clinical Experience 2

## Fifth Year

### Fall Semester

- ATTR 600 - Medical Issues in AT
- ATTR 610 - Administrative Concepts in AT
- ATTR 633 - Therapeutic Intervention 3
- ATTR 642 - Research 2
- ATTR 663 - Clinical Experience 3

### Spring Semester

- ATTR 650: Contemporary Issues in AT
- ATTR 664: Clinical Experience 4

## 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 and Montessori 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. See the "Master of Education" section for the list of options.

## Bachelor of Science

### Special Education - Concentration in Early Childhood Intervention Specialist and Early Childhood Education with Montessori Credentialing (Double Major), B.S.

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:

38 credit hours, as follows

Specific education courses, take

- EDFD 110 - Human Development & Learning
  - EDEL 260 - Cultural Diversity In Educ
  - EDME 376 - Phonics Skills for Early Chldh
- or
- EDME 362 - Phonics and Orton-Gillingham
- or
- EDRE 269 - Phonics & Foundation of Litera
  - EDME 377 - Early Childhood Math & Science
  - EDME 354 - Mont Language Arts & Read Meth
- or
- EDRE 312 - Reading Methods for Early Chld

- EDMS 350 - Technology & Topics for Educat

or

- EDEL 251 - Instructional Technology
- EDRE 471 - Content Area Literacy
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDSP 205 - Foundations in ECSPED
- EDSP 401 - Teaching Seminar

## Note(s):

- Grade of "B-" in curriculum courses.

## Concentration requirements:

- 34-40 additional credit hours to fulfill a concentration area.

## Early Childhood Intervention Specialist

40 hours required - take

- EDSP 364 - DAP Instructional Materials
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 372 - Communication Strategies & Tec
- EDSP 376 - M/I Support Services
- EDEC 230 - Play in Early Childhood Educ
- EDSP 391 - Ecsped Learning Theories
- EDME 350 - Methods of Observation of Chld
- EDSP 393 - ECSPED: Curriculum Practices
- EDSP 403 - ECSPED Student Teaching
- EDCH 324 - Children's Lit for Early Child

## Early Childhood with Montessori Credentialing

- EDEL 100 - Introduction To Education
- EDEC 210 - Early Childhood Development
- 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 377 - Early Childhood Math & Science
- EDME 473 - Mont Early Childhood Pract I
- EDME 474 - Mont Early Chilhood Pract II

## Note(s):

- A 2.70 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.
- OAE Tests: 001, 013, 038, 039
- TPA (Teacher Performance Assessment) during Student Teaching.

## 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 credit hours in one of the following areas:

Administration, Art, Biology, Business Education, Chemistry, Classics, Elementary Education, English, French, German, History, Political Science, Mathematics, Montessori Education, Multi-cultural Literature for Children, Music, Philosophy, Psychology, Reading, Secondary Education, Spanish, Special Education, Theology.

Students should consult with the 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 department chair. 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 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 and Literacy**

Xavier University's Department of Childhood Education and Literacy is 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, Middle Childhood, Montessori and Literacy 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 and Literacy preparation 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 the Childhood Education and Literacy Department 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.

The Department of Childhood Education and Literacy 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, as well as American Montessori Society certification in Montessori pre-primary and primary teaching. 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.

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 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 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.
- 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.
- 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.
- Candidates electronic portfolio reflects education foundation and block courses.
- Annual BCI/FBI background check on file in Department of Childhood Education and Literacy.
- 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; 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 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.
- 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. Another OAE exam is required for licensure and may be completed during the internship.
- 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 internship in early or middle childhood classroom, with goals, midterm appraisal and final letters of evaluation on file in Department of Childhood Education and Literacy 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

### Early Childhood Education (Pre-K To 3), 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 level.

## 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."

72 hours of courses: EDFD 110, EDEL 100, 251, 260, 351; EDSP 205; EDEC 210, 230, 325, 330, 335, 450, 451; EDME 359; ARTS 222; EDRE 269, 312, 471, 478; EDCH 324.

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.

## B.S. Early Childhood Education

**\*\*This block serves as a guideline only, not a required sequence. See your academic advisor. Subject to change \*\***

### Freshman Year

#### First Semester

- CORE 101 GOA
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  
- EDFD 110 - Human Development & Learning
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
  - Second Language I
  
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar

Total (15)

## Second Semester

- CORE 102 GOA
- EDEL 100 - Introduction To Education
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
  - Historical Perspectives Elective
  - Second Language II
  - General Elective
  
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar

Total (18)

## Sophomore Year

### First Semester

- EDEC 210 - Early Childhood Development
- EDEL 251 - Instructional Technology
- PHIL 100 - Ethics as Intro to Philosophy
- EDEL 260 - Cultural Diversity In Educ
  - Math I

- Theological Perspectives Elective

Total (18)

## Second Semester

- EDCH 324 - Children's Lit for Early Child
- EDRE 269 - Phonics & Foundation of Litera
- EDRE 312 - Reading Methods for Early Chld
- EDSP 205 - Foundations in ECSPED
- EDME 359 - Community & Advocacy in Educ
  - Math II

Total (18)

## Junior Year

### First Semester

- ENGL 205 - Literature & Moral Imagination
- EDEC 325 - Methods of Observation/Collabo
- EDEC 330 - Math/Science Block-Early Chld
- ARTS 222 - Art in Early Childhood Educ

Total (15)

### Second Semester

- EDEC 230 - Play in Early Childhood Educ
- EDRE 471 - Content Area Literacy
- EDEC 335 - Lang Arts/Social St-Early Chd
- EDEL 351 - Instruct Strat for Engl Lang L

Total (15)

Senior Year

First Semester

- EDEC 450 - Student Teaching:Early Childho
- EDEC 451 - Seminar: Current Issues/Early

Total (12)

Second Semester

- PHIL 200 - Philosophical Perspectives
- EDRE 478 - Diagnosis/Correct of Read Disa
  - General Elective
  - Creative Perspectives Elective
  - E/RS Focus Elective (cross count - see advisor)

Total (15)

Scheduling Notes:

- Course sequence shown above is realistic only for the student who declares the Early Childhood major as a freshman. It is not the only advisable sequence.
- A minimum of 120 credit hours is required for the degree.
- The sequence of courses in the program is subject to change.
- Addition of a minor is possible. Consult with advisor early in the program.
- Study Abroad is possible - consult with advisor early in program
- Student teaching/internship may take place fall or spring semester.
- Students may add Grades 4-5 Endorsement courses when feasible during senior year.
- All students must elect one each of oral communication, quantitative reasoning and writing intensive flagged courses, many of these are available within the core or major.

**Middle Childhood Education (Grades 4 - 9), 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 21-24 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:

See "Steps for Admission and Continual Progress for Licensure in Middle Childhood." Also see "Student Handbook for Early & Middle Child."

60 hours of education courses: EDFD 110, EDEL 100, 251, 260; EDSP 200; EDMC 212, 325, 340, 345; EDRE 269, 314, 471, 478; EDCH 326; two courses from EDMC 351-354, and EDMC 455, 456. 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.

## 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 120 - Elementary Functions
  - 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

- CORE 102 GOA
- EDEL 260 - Cultural Diversity In Educ
  - Second Language II
- EDEL 100 - Introduction To Education
- MATH 150 - Elements of Calculus I
- 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 Litera
  - PHIL 200 - Philosophical Perspectives
  - Historical Perspectives Elective

Total (18)

## Junior Year

### First Semester

- EDMC 340 - Middle School Phil & School Or
  - Theological Perspectives Elective
- MATH 116 - Elementary Statistics
- MATH 213 - Algebra Concepts -MCED
- 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
- EDMC 325 - Arts in Ed: Middle Childhood
  - Choose two of the following:
- 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

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
- Science Elective
- 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 (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.
- 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 207 - Interpersonal 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
- HIST 105 - World Civilizations I
- EDSP 200 - Sp Ed: Identification & Issues
  - Math I

Total (18)

### Second Semester

- HIST 106 - World Civilizations II
- EDRE 269 - Phonics & Foundation of Litera
- 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
- HIST 143 - U.S. History I
- EDRE 314 - Reading Methods for Middle Chd
- EDMC 345 - Middle Child Class Mgmt Assess
- POLI 140 - American Government and Politi
  - Theological Perspectives Elective

Total (18)

## Second Semester

- ENGL 205 - Literature & Moral Imagination
- HIST 144 - U.S. History II
- SOCI 180 - Culture & Society
- EDMC 325 - Arts in Ed: Middle Childhood

Choose 2 of the following:

- 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

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

- THTR 120 - Acting I
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDEL 351 - Instruct Strat for Engl Lang L
- EDMS 207 - World & Cultural Geography
  - 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.
- 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.
- ER/S Focus elective should fulfill another core requirement.

## Middle Childhood Generalist Endorsement

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

## **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.**

### Undergraduate Programs in Montessori Education

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

Early Childhood Education  
Ohio Four Year Resident Educator License for PreK-3  
American Montessori Society Credential for Ages 2 1/2 to 6 Years

### Requirements for the Early Childhood / 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 Lit for Early Child.
- 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:

66 credit hours, as follows:

39 hours of education courses from:

- EDEL 100 - Introduction To Education
  - EDEL 110 - Human Development & Learning
- EDEL 251 - Instructional Technology
- EDEL 260 - Cultural Diversity In Educ
- EDEC 210 - Early Childhood Development
- EDEC 230 - Play in Early Childhood Educ
- EDME 350 - Methods of Observation of Chld
- EDME 351 - Montessori Ed: Phil Approach
- EDME 354 - Mont Language Arts & Read Meth
- EDME 359 - Community & Advocacy in Educ
- EDME 376 - Phonics Skills for Early Chldh
- EDRE 312 - Reading Methods for Early Chld
- EDSP 205 - Foundations in ECSPED

3 hours of literature from:

- EDCH 324 - Children's Lit for Early Child

24 hours of Ohio License requirements, as follows:

Early Childhood Credential (ages 2 1/2 to 6)



- 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 377 - Early Childhood Math & Science
- EDME 473 - Mont Early Childhood Pract I
- 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.

## B.S. Montessori Education (Early Childhood program) with Ohio Four year resident educator License (PreK-3) and American Montessori Society Credential Early Childhood Ages 2 1/2 to 6

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

### Freshman Year

#### First Semester

- ENGL 101 - English Composition
  - EDEL 110 - Human Development and Learning
  - Foreign Language I Elective
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
- THEO 111 - Theological Foundations

or

- CORE 100 - First year seminar
- CORE 101 - First Year Co-curricular

Total (15)

## Second Semester

- EDEL 100 - Introduction To Education
  - Foreign Language II Elective
  - Historical perspective
- PHYS 114 - Our Universe: Physical Science
- PHYS 115 - Our Universe: Physical Sci Lab
- THEO 111 - Theological Foundations

or

- CORE 100 - First year seminar

Total (15)

## Sophomore Year

### First Semester

- EDEC 210 - Early Childhood Development
- EDME 351 - Montessori Ed: Phil Approach
- EDME 364 - Early Childhood/Mont Meth
- MATH 201 - Foundations of Arith. -ECED
- PHIL 100 - Ethics as Intro to Philosophy
  - Creative Perspectives

Total (18)

## Second Semester

- EDME 376 - Phonics Skills for Early Childh
- EDEL 251 - Instructional Technology
- EDSP 205 - Foundations in ECSPED
- MATH 202 - Geometry & Measurement -ECED
  - Theological Perspective elective

Total (15)

## Junior Year

## First Semester

- EDME 354 - Mont Language Arts & Read Meth
- EDME 359 - Community & Advocacy in Educ
- EDCH 324 - Children's Lit for Early Child
- EDRE 312 - Reading Methods for Early Chld
- EDEL 260 - Cultural Diversity In Educ
- CLAS 205 - Classical Lit & Moral Imagina

or

- ENGL 205 - Literature & Moral Imagination

or

- SPAN 205 - Hispanic Lit & Moral Imagin

Total (18)

## Second Semester

- EDME 350 - Methods of Observation of Chld
- EDME 377 - Early Childhood Math & Science
- EDEC 230 - Play in Early Childhood Educ
  - Philosophy Elective (3)
  - EDEL 260 - Cultural Diversity in Education

- EDRE 478 - Diagnosis/Correct of Read Disa

Total (15)

## Senior Year

### First Semester

- E/RS Focus Elective
- EDME 366 - Mont Curr Des&Te Strat I:Ea Ch
- EDME 473 - Mont Early Childhood Pract I

Total (12)

### Second Semester

- EDME 367 - Mont Curr Des&Te Strat II:Ea C
  - Elective
- EDME 474 - Mont Early Childhood Pract II
  - CORE 499 (no credit) - Reflection on XU Core

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 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.

## **Montessori Education (Early Childhood Program) for Ohio Four Year Resident Educator License (PreK-3) and American Montessori Society Credential Elementary**

## I, Ages 6-9, B.S.

### Undergraduate Programs in Montessori Education

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 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: You will be prepared to teach in Montessori public schools and traditional public and private schools for pre-Kindergarten through third grade.
2. Private schools: Our graduates teach in private Montessori schools all over the world. They are also teachers in traditional private schools.
3. Hospitals: Hospitals hire our graduates for special children's programs.
4. Child care centers: Our graduates are hired as administrators of child care centers.
5. Non-profit organizations hire graduates to 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

Early Childhood Education  
Ohio Four Year Resident Educator License for PreK-3  
American Montessori Society Credential for Ages 2 1/2 to 6 Years  
American Montessori Credential for Elementary I

### Requirements for the Early Childhood / Montessori Education Major

#### Undergraduate core curriculum requirements:

48 credit hours, including:

- Diversity Curriculum requirement: partially fulfilled in the major with EDEL 260 (Cultural Diversity in Education).
- 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.
- Science: must be met with physical (CHEM or PHYS 114 and PHYS 115) and biological (BIOL 130 and BIOL 131) sciences.
- Core 100 First Year Seminar
- Core 101 First year co-curricular program
- Core 499
- Social Sciences: included in the major requirements.
- The E/RS Focus Elective that meets another core requirement should be chosen.

#### Major requirements:

66 credit hours, as follows:

39 hours of education courses from:

- EDEL 100 - Introduction to Education
- EDEL 110 - Human Development & Learning
- EDEL 251 - Instructional Technology
- EDEL 260 - Cultural Diversity In Education
- EDEC 210 - Early Childhood Development
- EDEC 230 - Play in Early Childhood Educ
- EDME 350 - Methods of Observation of Chld
- EDME 351 - Montessori Ed: Phil Approach
- EDME 354 - Mont Language Arts & Read Meth
- EDME 359 - Community & Advocacy in Educ
- EDME 376 - Phonics Skills for Early Chldh
- EDRE 312 - Reading Methods for Early Chld
- EDSP 205 - Foundations in ECSPED

3 hours of literature from

- EDCH 324 - Children's Lit for Early Child

24 hours of Ohio License requirements, as follows:

Elementary I Credential (ages 6-9):

- EDME 352 - Mont Curr Des & Tch Strat I:Pr
- EDME 353 - Mont Math & Geometry Methods
- EDME 355 - Mont Cultural Subjects Method
- EDME 356 - Mont Integration of Curr: Prim
- EDME 470 - Mont Primary Practicum I
- EDME 471 - Mont Primary Practicum 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 the first semester of senior year.
- Students may add A.M.S. Elementary II by completing the EII required coursework.
- Students may add an Ohio Generalist endorsement for grades 4-5 by completing the Elementary II coursework, additional licensing exam, and online Middle Childhood development course.
- Students are able to pursue a Reading Endorsement

**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.

## B.S. Montessori Education (Early Childhood program) with Ohio Four Year Resident Educator License for PreK-3 and American Montessori Society Credential Elementary I, ages 6-9

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

### Freshman Year

#### First Semester

- ENGL 101 - English Composition
  - EDEL 110 - Human Development and Learning
- BIOL 130 - Intro to Life Sciences
- BIOL 131 - Intro to Life Sciences Lab
  - Foreign Language I Elective
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- Core 101 First Year Co-curricular Program

Total (15)

#### Second Semester

- PHYS 114 - Our Universe: Physical Science
- EDEL 100 - Introduction To Education
  - Foreign Language Elective II
  - Historical Perspective Elective
- PHYS 115 - Our Universe: Physical Sci Lab
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar

Total (15)

## Sophomore Year

### First Semester

- EDME 351 - Montessori Ed: Phil Approach
- EDME 376 - Phonics Skills for Early Chldh
  - Science Elective
- MATH 201 - Foundations of Arith. -ECED
- PHIL 100 - Ethics as Intro to Philosophy
  - EDEL 210 - Early Childhood development
  - Creative perspectives

Total (18)

## Second Semester

- EDEL 251 - Instructional Technology
- EDSP 205 - Foundations in ECSPED
- MATH 202 - Geometry & Measurement -ECED
- EDME 353 - Mont Math & Geometry Methods
  - Theology Perspective elective

Total (15)

## Junior Year

### First Semester



- EDME 354 - Mont Language Arts & Read Meth
- EDME 359 - Community & Advocacy in Educ
- EDRE 312 - Reading Methods for Early Chld
- EDEL 260 - Cultural Diversity In Educ
- EDCH 324 - Children's Lit for Early Child
- ENGL 205 - Literature & Moral Imagination

or

- CLAS 205 - Classical Lit & Moral Imagina

or

- SPAN 205 - Hispanic Lit & Moral Imagin

Total (18)

## Second Semester

- EDME 350 - Methods of Observation of Chld
- EDME 355 - Mont Cultural Subjects Method
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDEC 230 - Play in Early Childhood Educ
  - Philosophy Elective (3)

Total (15)

## Senior Year

### First Semester

- E/RS Focus Elective (see advisor)
- EDME 352 - Mont Curr Des & Tch Strat I:Pr
- EDME 470 - Mont Primary Practicum I

Total (12)

## Second Semester

- EDME 356 - Mont Integration of Curr: Prim
- EDME 471 - Mont Primary Practicum II
  - Elective
  - Core 499 (no credit) - Reflection on XU Core

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 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 requirement may be used to satisfy other elements of the core or major.

## Adding Elementary II Ages 9-12 to an Elementary I Credential

Students may add A.M.S. Elementary II by completing the coursework listed below. Students may add an Ohio Generalist endorsement for grades 4-5 by completing the Elementary II coursework, additional licensing exam, and online Middle Childhood development course.

Montessori credentialing at the Elementary II level may be added along with the Generalist Endorsement 4-5 (See Program Advisor).

- EDME 370 - Mont 9-12 Math Curr
- EDME 371 - Mont 9-12 Geometry Curr
- EDME 372 - Mont 9-12 Geography and Hist Curr
- EDME 373 - Mont 9-12 Botany and Zoology Cur
- EDME 374 - Mont 9-12 Physical Science Cur
- EDME 375 - Mont 9-12 Lang and Children's Li

No Additional Internship is Required

## Generalist Endorsement Requirements:

- Current P-3 Ohio Resident Educator License
- One credit hour online course: Middle Childhood Transitions, Development, and Management
- Passing score on the Ohio Assessments for Educators Elementary Education/018 (Subtest I) and Ohio Assessments for Educators Elementary Education/019 (Subtest II)

## Associate of Science

## **Early Childhood Education, A.S.**

### 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 - Methods of Observation of Chld
- 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 Chilhood Pract II
- EDME 363 - Early Cognitive Development or
- EDFD 110 - Human Development & Learning

#### Student Teaching Year

#### Note(s):

- This program may be applied to a four year degree program.

#### Requirements for all Associate's Degrees

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 2.000 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 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.

## 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

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
  - EDEL 260/EDEL 560 - Cultural Diversity in Education

## 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 for Early Chil
- EDRE 569 - Phonics & Found of Literacy
- EDEC 558 - Play & Arts in Early Childhood

Total (9)

### Second Summer Session

- EDCH 524 - Children's Lit for Early Child
- EDEC 555 - Early Childhood Care/Practices

Includes field observation

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 - Diagnosis/Correct of Read Disa

Total (16)

## Spring Semester

- EDEC 454 - EC Cohort Student Teaching
- EDEC 455 - Cohort: Current Issues
- 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 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
  - EDEL 260/560 - Cultural Diversity in Education (3)
- 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 - Diagnosis/Correct of Read Disa

## 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

## **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 505 - Org of Ed Systems in U.S.
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper \*
- EDME 551 - Montessori Ed: Phil Approach
- EDME 563 - Early Cognitive Development
- EDME 550 - Methods of Observation of Chil
- EDSP 505 - Foundations in ECSPED
- EDFD 500 - History/Philosophy of Am Educ

The other twelve (12) hours can be taken from the following courses:

- EDME 553 - Mont Math & Geometry Methods
- EDME 554 - Mont Language Arts & Read Meth
- EDME 555 - Mont Cultural Subject Method
- EDME 559 - Community & Advocacy in Educ
- EDME 564 - Early Childhood/Montessori Met
- EDME 576 - Phonics Skills for Early Child
- EDME 577 - Early Childhood Math & Science
- EDME 570 - Mont 9-12 Math Curr
- EDME 571 - Mont 9-12 Geometry Curr
- EDME 572 - Mont 9-12 Geography& Hist Curr
- EDME 573 - Mont 9-12 Botany & Zoology Cur
- EDME 574 - Mont 9-12 Physical Science Cur
- EDME 575 - Mont 9-12 Lang & Children's Li

### 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 550 - Methods of Observation of Chil
- EDME 551 - Montessori Ed: Phil Approach
- 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 - Early Cognitive 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 PreK-3 and American Montessori Society Elementary I Credential – Ages 6-9 and Elementary II Credential - Ages 9-12) M.Ed.**

### Master of Education Degree in Montessori Education

The Xavier University Montessori teacher education programs grant an American Montessori Credential and an Ohio Pre-Kindergarten or Kindergarten to Grade 3 Resident Educator 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, 559, 550 and is an integral part of all of the courses. An Ohio four year resident educator licensure for Pre-K-3, and American Montessori Society Early Childhood and Elementary credentials are available within the master's degree. 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.

## Requirements for the M.Ed. in Montessori Education (with Ohio Early Childhood License Pre-K and K-3 and with American Montessori Elementary I Credential – ages 6-9 )

54 total credit hours 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 550 - Methods of Observation of Chil \*\*
- EDME 551 - Montessori Ed: Phil Approach \*
- EDME 552 - Mont Curr Des & Te Strat: Pri \*\*
- EDME 553 - Mont Math & Geometry Methods \*
- EDME 554 - Mont Language Arts & Read Meth \*
- EDME 555 - Mont Cultural Subject Method \*
- EDME 556 - Mont Integration of Curr: Prim \*\*
- EDME 559 - Community & Advocacy in Educ
- EDME 563 - Early Cognitive Development
- EDME 576 - Phonics Skills for Early Child \*
- EDME 670 - Mont Primary Practicum I \*\*
- EDME 671 - Mont Primary Practicum II \*\*
- EDSP 505 - Foundations in ECSPED

### Reading Courses:

- EDRE 512 - Reading Methods for Early Chil
- EDRE 678 - Diagnosis/Correct of Read Disa

### Adding Elementary II to an Elementary I Credential:

Students may add A.M.S. Elementary II by completing the coursework listed below. Students may add an Ohio Generalist endorsement for grades 4-5 by completing the Elementary II coursework, additional licensing exam, and online Middle Childhood development course.

- EDME 570 - Mont 9-12 Math Curr
- EDME 571 - Mont 9-12 Geometry Curr
- EDME 572 - Mont 9-12 Geography & Hist Curr
- EDME 573 - Mont 9-12 Botany & Zoology Cur
- EDME 574 - Mont 9-12 Physical Science Cur
- EDME 575 - Mont 9-12 Lang & Children's Li

## Elementary II Coursework

- EDME 570 - Mont 9-12 Math Curr
- EDME 571 - Mont 9-12 Geometry Curr
- EDME 572 - Mont 9-12 Geography & Hist Curr
- EDME 573 - Mont 9-12 Botany & Zoology Cur
- EDME 574 - Mont 9-12 Physical Science Cur
- EDME 575 - Mont 9-12 Lang & Children's Li
  - No Additional Internship is Required

## Generalist Endorsement Requirements:

- Current P-3 Ohio License
- One credit hour online course: Middle Childhood Transitions, Development, and Management
- Passing score on the Ohio Assessments for Educators Elementary Education/018 (Subtest I) and Ohio Assessments for Educators Elementary Education/019 (Subtest II)

## Additional Requirements:

- Student must complete BCI/FBI background checks in the first semester and each subsequent academic year.
- Application for student teaching must be turned in by the semester prior to internship.
- Application and fees for American Montessori Society Credentialing, MACTE and NAEYC must be turned in prior to the start of internship.
- State licensing exams must be taken the first semester of internship year.

## Note(s):

- Students seeking Ohio Resident Educator's Licensure for P-3 must meet general education background requirements.

\* Must be completed before beginning your practicum.

\*\* Courses taken during practicum.

\*\*\* The educational research paper (EDFD 507/508) 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 department library.

## **Montessori Education (for Ohio four year resident educator License PreK-3 and With American Montessori Society Early Childhood Credential - Ages 2.5 To 6), M.Ed.**

### Master of Education Degree in Montessori Education

The Xavier University Montessori teacher education programs grant an American Montessori Credential and Ohio Pre-Kindergarten or 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, 559, 550 and is an integral part of all the courses. An Ohio four year resident educator licensure for Pre-K-3, and American Montessori Society Early Childhood and Elementary credentials are available within the master's degree. 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.

## Requirements for the M.Ed. in Montessori Education (with Ohio four year resident educator License PreK-3 and with American Montessori Society Early Childhood Credential - ages 2.5 to 6)

54 total credit hours required, as follows

- EDFD 500 - History/Philosophy of Am Educ
- EDFD 505 - Org of Ed Systems in U.S.
- EDSP 505 - Foundations in ECSPED
- EDFD 507 - Educational Research
- EDFD 508 - Educational Research Paper \*\*\*
- EDME 550 - Methods of Observation of Chil \*\*
- EDME 551 - Montessori Ed: Phil Approach \*
- EDME 554 - Mont Language Arts & Read Meth
- EDME 566 - Mont Curr Des&Te Strat I: Ea C \*\*
- EDME 567 - Mont Curr Des&Te Strat II:Ea C \*\*
- EDME 559 - Community & Advocacy in Educ
- EDME 563 - Early Cognitive Development
- EDME 564 - Early Childhood/Montessori Met \*
- EDME 576 - Phonics Skills for Early Child \*
- EDME 577 - Early Childhood Math & Science \*
- EDME 673 - Mont Early Childhood Pract I \*\*
- EDME 674 - Mont Early Childhood Pract II \*\*

### Reading Courses:

- EDRE 512 - Reading Methods for Early Chil
- EDRE 678 - Diagnosis/Correct of Read Disa

### Additional Requirements:

- Student must complete BCI/FBI background checks in first semester and each subsequent academic year.
- Application for student teaching must be turned in by the semester prior to internship.

- Application and fees for American Montessori Society Credentialing, MACTE and NAEYC must be turned in prior to the start of internship.
- State licensing exams must be taken the first semester of internship year.

## Note(s):

- Students wishing Ohio four year resident educator license for PreK-3 must meet general education background requirements.

\* Must be completed before beginning your practicum.

\*\* Courses taken during practicum.

\*\*\* The educational research paper (EDFD 507/508) 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.

## Multi-Cultural Literature For Children and Young Adults, 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 503 - Advanced Educational Psych or
- EDFD 510 - Adv Human Develop & Learning
  
- 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 Lit for Early Child
- EDCH 525 - Analysis Child Lit Global Soc
- EDCH 526 - Children's Lit for Middle Chil
  - EDCH 528 \*\* (3)

## 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 Education, 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 as well as 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 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, and listening to classroom teaching and curriculum development.
2. The ability to work directly or indirectly with pupils who have either failed to benefit from regular classroom instruction in reading or those pupils who could benefit from advanced training in reading skills.
3. The ability to work with teachers, administrators, and other professionals to improve and coordinate the total reading program of the school.

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 for Early Chld or
- EDRE 512 - Reading Methods for Early Chil

or

- EDRE 314 - Reading Methods for Middle Chd or
- EDRE 514 - Reading Methods for Middle Chi

and

- EDRE 471 - Content Area Literacy or
- EDRE 671 - Content Area Literacy

## Note(s):

- And 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 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 - Diagnosis/Correct of Read Disa
- 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 510 - Writing & Publishing for Child
- EDCH 515 - Adolescent Literature
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDCH 524 - Children's Lit for Early Child
- EDCH 525 - Analysis Child Lit Global Soc
- EDCH 526 - Children's Lit for Middle Chil
- EDRE 676 - Teaching Writing Process
  - EDME 562 - Phonics and Orton Gillingham

0 to 6 more hours selected, if needed, from

- EDRE 675 - Current Research in Reading
- EDRE 685 - Teach Read Children w/SpC Need
  - (Please check current advising sheet for additional courses.)

### Note(s):

- Students completing their studies for the M.Ed. in Reading must pass a comprehensive examination and must be able to write knowledgeably on the following areas of reading: literacy development, holistic learning, reading theory, reading in the content area, and diagnosis and remediation of reading. The M.Ed. candidate may sit for the exam after 27 hours for the degree have been successfully completed.

## Reading Endorsement Requirements

Those completing the M.Ed. in Reading Education and hold a valid teaching license for Ohio may also want to add the reading endorsement to their teaching license. The endorsement has a 21 hr. 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 - Diagnosis/Correct of Read Disa or
- EDRE 678 - Diagnosis/Correct of Read Disa
- 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 Lit for Early Child or
- EDCH 326 - Children's Lit for Middle Chil
- EDCH 510 - Writing & Publishing for Child
  - EDCH 415 or
- EDCH 515 - Adolescent Literature
- EDCH 320 - Multi-Cultural Lit for Childrn or
- EDCH 520 - Multi-Cultural Lit for Childrn
- EDCH 525 - Analysis Child Lit Global Soc
- EDME 562 - Phonics and Orton-Gillingham
  - or any other Advanced Children's Literature course offered to complete the requirement.
  - Only six (6) undergraduate hours can be applied toward the reading endorsement.

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

# Teaching English to Speakers of Other Languages, M.Ed.

## Minors

### Montessori Education Minor

The Montessori Education minor has twelve (12) courses available to all Xavier undergraduates and compatible with any major. The program is designed to provide each student with academic and practicum experiences in the field of teaching young children. The student will receive an American Montessori Credential. This credential will allow the student to teach in **private** Montessori schools in the United States and other countries. Further information about this program can be obtained by calling 513 745-3424.

## Certificate

### Teaching English to Speakers of Other Languages Certificate

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. This program offers the necessary knowledge needed to work with English Language Learners and obtain a TESOL certificate. Eligibility for the TESOL certificate requires an undergraduate degree and acceptance into the Xavier graduate certificate program. Xavier University's TESOL certificate includes 18 graduate credit hours and requires 45 documented field hours.

## Curriculum

The following courses are required for the certificate.

- EDRE 569 - Phonics & Found of Literacy
- EDEL 650 - Foundations of TESOL
- EDEL 651 - Instr Strat For Engl Lang Lear
- EDEL 652 - Culturally Responsive Teaching
- EDEL 653 - Effective Assessment Pract
- EDEL 654 - Aspects of Language and Socio

## Endorsement

### 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

EDEL 550 and EDEL 551 are prerequisites for the subsequent classes.

- EDEL 552 - Trigonometry, Algebra and Geometry II (15 field hours)
- EDEL 553 - Geometry, Measurement and Probability (15 field hours)
- EDEL 554 - Number Theory for Teachers (15 field hours)
- EDEL 555 - Mathematics Specialist Practicum (15 field hours)
- EDEL 556 - Algebra and Geometry for Teachers III (15 field hours)
- EDEL 557 - Statistics, Action Research & Inquiry into Effective Practices (15 field hours)

## Generalist Endorsement for Grades 4-5

### Generalist Endorsement for Grades 4-5

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 .

- EDEL 440 Middle Childhood Transitions: Development and Management (1)
- EDEL 441 Mathematics Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 442 Science Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 443 Language Arts Content, Pedagogy, and Assessment Grades 4-5 (2)
- EDEL 444 Social Studies Content, Pedagogy, and Assessment Grades 4-5 (2)

## Middle Childhood Generalist Endorsement

### Middle Childhood Generalist Endorsement

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

## Ohio Licensure Generalist Endorsement Grades 4-5

## Reading Endorsement (K-12)

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 Diagnosis/Correct of Read Disa (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 Lit for Early Child (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>.

Individuals who successfully complete a Praxis Series Test required for licensure prior to September 1, 2013, may use the test results to satisfy the licensure testing requirements at the time license is sought.

### **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.

## Teaching English to Speakers of Other Languages Endorsement (K-12) - TESOL

The Teaching of English to Speakers of Other Languages (TESOL) Endorsement (K-12) coursework at Xavier University is an 18 graduate credit hour program. In addition to courses, 45 hours of documented field hours are required. Field hours are distributed across grade levels and are documented on XU



time sheets and signed by the supervising teacher or principal. Three semester hours of an approved phonics course from undergraduate studies can be applied toward the endorsement. Transcript reviews are completed for each students to determine course requirements.

TESOL Endorsement (K-12) Course Requirements. Field hours are distributed across coursework:

- EDRE 269/EDRE 569 Phonics & Found of Literacy (3 credit hours) (15 field hours)
- EDEL 650 - Foundations of TESOL (3 credit hours) (10 field hours)
- EDEL 651 - Instructional Strategies for English Language Learners (ELL) (3 credit hours) (10 field hours)
- EDEL 652 - Culturally Responsive Teaching (3 credit hours) (3 field hours)
- EDRE 653 - Effective Assessment Practices for English Language Learners (3 credit hours) (7 field hours) (Pre-requisite EDRE 269/569 and EDEL 650)
- EDEL 654 - Aspects of Language and Sociolinguistics (3 credit hours)
- Pass the OAE English to Speakers of Other Languages/021. For additional information, please visit <http://www.oh.nesinc.com>

Students may pursue a Master's degree in addition to the endorsement. The Master's degree requires 30 graduate credit hours. Students take 12 more hours: nine hours of professional foundation courses and three elective credit hours to complete the degree.

### **Application Process:**

If you are pursuing a TESOL endorsement only, the following documents are required:

- Xavier graduate application
- Official copy of college transcripts
- A copy of your teaching license

For candidates pursuing the M.Ed. degree:

- The 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 TESOL endorsement.

## **License**

## **Early Childhood Education**

### **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 Credential, ages 2.5 to 6, or ages 6 to 9, or ages 6 to 12

### 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

### 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

- o Grade of "B" or higher in required curriculum courses
- o Candidate's portfolio reflects key assignments from educational foundations and curriculum courses.
- o 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:
  - o Record of on-site visits by University supervisor.
  - o Midterm and final evaluations from cooperating teacher and field supervisor.
  - o 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.

Go to <http://www.xavier.edu/administration-grad/Licensure.cfm> to reference licensure requirements and details.

- EDAD 543 - Supervision of Instruction
- EDAD 548 - Principalship
- EDAD 562 - Political Structure & PR
- EDAD 563 - School Bus Affairs & Phys Faci
- EDAD 564 - Admin of Staff Personnel
- EDAD 565 - School Law I
- EDAD 566 - School Finance & Economics
- EDAD 570 - Policy Planning & Evaluation
- EDAD 660 - Curr Design & Teach Strategies
- EDAD 561 - Admin of Pupil Personnel Serv

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 - Internship:Spec-Research 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 - Internship:Spec-Research 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 15 semester credit hours of additional required coursework.
- Pass licensure exam 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.

# School of Education: Secondary and Special Education

The Department of Secondary and Special Education offers degree and teacher licensure programs approved by the Ohio Department of Education. All programs are accredited by the Teacher Education Accreditation Council.

At the undergraduate level the department awards the Bachelor of Science degree in Special Education. In Secondary Education the department offers a minor in Professional Education that combines with an appropriate Arts and Science Major leading to a teaching field.

At the graduate level the Master of Education degree in Special Education and Master of Education in Secondary Education are awarded. Concentrations are available in these programs that include Secondary Education (with concentrations available in art, biology, business, chemistry, classics, computer science, English, French, German, Spanish, history, mathematics, music, political science, theology, and health/physical education) and Special Education (Mild/Moderate Intervention Specialist, Moderate/Intensive Intervention Specialist, Early Childhood Intervention Specialist, Gifted/Talented Intervention Specialist and endorsements in Early Education of the Handicapped, Gifted/Talented, and Transition to Work).

Teacher licensure programs are offered at the undergraduate and graduate levels leading to licensure in Integrated Language Arts, Integrated Mathematics, Integrated Social Studies, Music, Physics, Chemistry, Life Sciences, Life/Physics, Life/Chemistry, Visual Art, Modern Languages, Classical Languages, Mild/Moderate Intervention Specialist, Moderate/Intensive Intervention Specialist, Early Childhood Intervention Specialist, Gifted/Talented Intervention Specialist.

The pages that follow outline the basic requirements for licensure. Specific brochures and rules for program admission on 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:

- Undergraduate student is accepted into the University based on high school grade point average and SAT or ACT scores.
- Graduate student is accepted base on undergraduate GPA and either GRE or MAT scores.
- 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.
- 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:

- 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) test must be passed and results on file in Licensure/Certification 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/Certification Office.
- Successful completion of any Ohio examination(s) that is/are required to be completed during the student teaching semester.

## Bachelor of Science

# Special Education - Concentration In Early Childhood Intervention Specialist, B.S.

## 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:

38 credit hours, as follows

#### Specific education courses, take

- EDFD 110 - Human Development & Learning
- EDEL 260 - Cultural Diversity In Educ
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 377 - Early Childhood Math & Science
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods for Early Chld
- EDMS 350 - Technology & Topics for Educat
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 204 - Read Assess & Strat-Lang Proc

- EDRE 478 - Diagnosis/Correct of Read Disa
- EDSP 205 - Foundations in ECSPED
- EDSP 380 - Classroom Management
- EDSP 401 - Teaching Seminar

### Note(s):

- Grade of "B-" in curriculum courses.

### Concentration requirements:

34-40 additional credit hours to fulfill a concentration area.

## Early Childhood Intervention Specialist

(40 hours required) - take

- 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

or

- EDEC 230 - Play in Early Childhood Educ
- EDSP 391 - Ecsped Learning Theories
- EDSP 392 - ECSPED: Observation & Asmt
- EDSP 393 - ECSPED: Curriculum Practices
- EDSP 403 - ECSPED Student Teaching
- EDCH 324 - Children's Lit for Early Child

### 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 Tests: 001, 013, 038, 039.
- TPA (Teacher Performance Assessment) during Student Teaching.

# Special Education - Concentration in Mild/Moderate Intervention Specialist, B.S.

## 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:

38 credit hours, as follows

#### Specific education courses, take

- EDFD 110 - Human Development & Learning
- EDEL 260 - Cultural Diversity In Educ
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 377 - Early Childhood Math & Science
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods for Early Chld
- EDMS 350 - Technology & Topics for Educat
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 204 - Read Assess & Strat-Lang Proc

- EDRE 478 - Diagnosis/Correct of Read Disa
- EDSP 205 - Foundations in ECSPED
- EDSP 380 - Classroom Management
- EDSP 401 - Teaching Seminar

### Note(s):

- Grade of "B-" in curriculum courses.

### Concentration requirements:

34-40 additional credit hours to fulfill a concentration area.

## Mild/Moderate Intervention Specialist

- EDSP 360 - M/M Characteristics & Strategi
- EDSP 362 - M/M Support Services
- EDSP 363 - Sp Ed: Assessment & Evaluation
- EDSP 364 - DAP Instructional Materials
- EDSP 365 - Curr Practices:Mild Disabiliti
- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 372 - Communication Strategies & Tec
- EDSP 374 - Curr Prac:Moderate Disabilitie
- EDSP 402 - M/I Student Teaching

### and 3 hours of a literature course

- EDCH 324 - Children's Lit for Early Child

### 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.
- OAE Tests: 004, 043, 038, 039, 030 (recommended)
- Teacher Performance Assessment (during Student Teaching)

## **Special Education - Concentration in Moderate/Intensive Intervention Specialist, B.S.**

## 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:

38 credit hours, as follows

#### Specific education courses, take

- EDFD 110 - Human Development & Learning
- EDEL 260 - Cultural Diversity In Educ
- EDME 376 - Phonics Skills for Early Chldh or
- EDME 362 - Phonics and Orton-Gillingham or
- EDRE 269 - Phonics & Foundation of Litera
- EDME 377 - Early Childhood Math & Science
- EDME 354 - Mont Language Arts & Read Meth or
- EDRE 312 - Reading Methods for Early Chld
- EDMS 350 - Technology & Topics for Educat
- EDRE 471 - Content Area Literacy
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 201 - Intro to Emotionally Dist Chld
- EDSP 203 - Sp Ed: Comm & Collaboration
- EDSP 204 - Read Assess & Strat-Lang Proc
- EDRE 478 - Diagnosis/Correct of Read Disa
- EDSP 205 - Foundations in ECSPED
- EDSP 380 - Classroom Management

- EDSP 401 - Teaching Seminar

### Note(s):

- Grade of "B-" in curriculum courses.

### Concentration requirements:

34-40 additional credit hours to fulfill a concentration area.

## Moderate/Intensive Intervention Specialist

(34 hours required) - take

- EDSP 367 - Sp Ed: Behav & Soc Skills Mgmt
- EDSP 370 - M/I Characteristics & Strateg
- EDSP 372 - Communication Strategies & Tec
- EDSP 373 - M/I Assessment & Evaluation
- EDSP 376 - M/I Support Services
- EDSP 389 - Prog Prac:Severe/Intensive Dis
- EDSP 402 - M/I Student Teaching

### and 3 hours of a literature course

- EDCH 324 - Children's Lit for Early Child

### 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.
- OAE Tests: 004, 043, 038, 039, 030 (recommended)

## Teaching Life Sciences and Chemistry, B.S.

### Requirements for the Teaching Life Sciences and Chemistry Major



## Undergraduate core curriculum requirements\*:

See Undergraduate Core Curriculum

## Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

Social science requirement completed within the professional courses.

Sciences requirement included within the major.

## Major Requirements:

### 31 hours of education courses:

- EDMS 131 - Professional Education
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDMS 470 - Student Teaching AYA
- EDRE 471 - Content Area Literacy
- EDFD 110 - Human Development & Learning
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

### 24 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

and five semester hours from:

- CHEM 220 - Principles of Physical Chem
- CHEM 221 - Analytical Chemistry
- CHEM 300 - Intro to Chem Research
- CHEM 340 - Instrumental Analysis
- CHEM 341 - Instrumental Analysis Lab
- CHEM 411 - Organic Synthesis & Analysis

24 hours of 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 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 230 - Genetics
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab

and four semester hours from:

- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab

10 hours of physics courses:

- PHYS 116 - Our Universe: The Earth

- PHYS 117 - Our Universe: The Earth Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I
- PHYS 162 - College Physics II
- PHYS 163 - Introductory Physics Lab II

## Note(s):

- A 2.700 cumulative average must be attained; a 2.700 GPA must also be attained in education courses and in each area of licensure.
- This program meets the State of Ohio licensure requirements for Grades 7-12. Course listing is subject to change according to State of Ohio regulations. See your advisor for current course requirements.
- \* The Undergraduate Core Curriculum must be fulfilled to meet State of Ohio regulations in general education for teacher licensure.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective is required, but one of the other core requirements may be selected to fulfill the requirement.
- Required: 2.700 overall GPA; 2.700 GPA in education courses; 2.700 GPA in sciences.
- This program meets the State of Ohio licensure requirements for Grades 7 through 12. Course listing is subject to change according to State of Ohio regulations. See your advisor for current course requirements.

## Teaching Life Sciences and Physics, B.S.

### Requirements for the Teaching Life Sciences and Physics Major

#### Undergraduate core curriculum requirements\*:

See Undergraduate Core Curriculum

#### Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

Social sciences requirement completed within the professional courses.

Science requirement included within the major.

## Major Requirements:

31 hours of education courses:

- EDMS 131 - Professional Education
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDMS 470 - Student Teaching AYA
- EDRE 471 - Content Area Literacy
- EDFD 110 - Human Development & Learning
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

24 hours of 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 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 230 - Genetics
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab

and four hours of biology electives:

- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab

or

- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab

### 7 hours of chemistry courses:

- CHEM 160 - General Chemistry I
- CHEM 161 - General Chemistry I Lab
- CHEM 162 - General Chemistry II

### 27 hours of physics courses:

- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab
- PHYS 161 - Introductory Physics Lab I
- PHYS 163 - Introductory Physics Lab II
- PHYS 170 - University 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
  - and six hours of physics electives (selected).

### Note(s):

- A 2.700 overall cumulative average must be attained; a 2.500 GPA must also be attained in education courses and in each area of licensure.
- The program meets the State of Ohio licensure requirements for Grades 7-12.
- \* The university core curriculum must be fulfilled to meet State of Ohio regulations in general education for teacher licensure.

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective is required, but one of the other core requirements may be selected to fulfill the requirement.
- Required: 2.500 overall GPA; 2.700 GPA in education courses; 2.700 GPA in sciences.
- This program meets the State of Ohio licensure requirements for Grades 7 through 12.

## **Teaching Life Sciences, B.S.**

### Requirements for the Teaching Life Sciences Major

## Undergraduate core curriculum requirements\* :

See Undergraduate Core Curriculum

### Mathematics:

- MATH 150 - Elements of Calculus I
- MATH 156 - General Statistics

Social sciences requirement completed within the professional courses.

Science requirement included within the major.

### Major Requirements:

#### 31 hours of education courses:

- EDMS 131 - Professional Education
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDMS 470 - Student Teaching AYA
- EDRE 471 - Content Area Literacy
- EDFD 110 - Human Development & Learning
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

#### 32 hours of 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 210 - General Botany
- BIOL 211 - General Botany Lab
- BIOL 230 - Genetics
- BIOL 250 - Ecology
- BIOL 251 - Ecology Lab
- BIOL 410 - Human Physiology
- BIOL 411 - Human Physiology Lab
- BIOL 450 - General Microbiology
- BIOL 451 - General Microbiology Lab

and four hours of biology electives:

- BIOL 222 - Immunology
- BIOL 240 - Evolution
- BIOL 244 - Animal Behavior
- BIOL 354 - Human and Comparative Anat
- BIOL 360 - Cell Biology
- BIOL 355 - Human and Comp Anat Lab
- BIOL 460 - Developmental Biology
- BIOL 461 - Developmental Biology Lab

8 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

7 hours of physics courses:

- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab
- PHYS 160 - College Physics I
- PHYS 161 - Introductory Physics Lab I

Note(s):

- A 2.500 overall cumulative average must be attained; a 2.700 GPA must also be attained in education courses and in each area of certification.
- The program meets the State of Ohio licensure requirements for Grades 7-12.
- \* The University core curriculum must be fulfilled to meet State of Ohio regulations in general education for teacher licensure.

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

### 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.
- Required: 2.500 overall GPA; 2.700 GPA in education courses; 2.500 GPA in sciences.
- This program meets the State of Ohio licensure requirements for grades 7 through 12.
- \* Diversity Curriculum Elective Requirement (6 credit hours) may be used to satisfy other elements of the core or the major. Courses must be taken from two different departments.
- \*\* 4 hours from BIOL 222, BIOL 240, BIOL 244, BIOL 354, BIOL 355, BIOL 360, BIOL 460, BIOL 461

## Teaching Physical Sciences (Chemistry and Physics), B.S.

### Requirements for the Teaching Physical Sciences Major

#### Undergraduate core curriculum requirements\* :

See Undergraduate Core Curriculum

#### Mathematics:

- MATH 170 - Calculus I
- MATH 171 - Calculus II

Social sciences requirement completed within the professional courses.

Science requirement included within the major.



## Major Requirements:

### 31 hours of education courses:

- EDMS 131 - Professional Education
- EDMS 332 - Meth/Curr/Asmt in Science
- EDMS 350 - Technology & Topics for Educat
- EDMS 411 - Clinical Experiences
- EDMS 470 - Student Teaching AYA
- EDRE 471 - Content Area Literacy
- EDFD 110 - Human Development & Learning
- EDSP 200 - Sp Ed: Identification & Issues
- EDSP 380 - Classroom Management

### 24 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 320 - Physical Chemistry I
  - and five elective chemistry hours (see advisor).

### 9 hours of biology courses:

- BIOL 160 - General Biology I
- BIOL 161 - General Biology I Lab
- BIOL 162 - General Biology II
- BIOL 163 - General Biology II Lab

### 24 hours of physics courses:

- PHYS 161 - Introductory Physics Lab I
- PHYS 163 - Introductory Physics Lab II
- PHYS 170 - University Physics I
- PHYS 172 - University Physics II
- PHYS 242 - Circuit Analysis
- PHYS 330 - Modern Physics I
- PHYS 331 - Modern Physics I Lab
- PHYS 350 - Theoretical Mechanics I
  - and six selected physics electives (see advisor).

In addition, the following are required:

- PHYS 116 - Our Universe: The Earth
- PHYS 117 - Our Universe: The Earth Lab

## Note(s):

- A 2.500 overall cumulative average must be attained; a 2.700 GPA must also be attained in education courses and in each area of licensure.
- The program meets the State of Ohio licensure requirements for Grades 7-12.
- \* The University core curriculum must be fulfilled to meet State of Ohio regulations in general education for teacher licensure.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- The E/RS Focus Elective is required, but one of the other core requirements may be selected to fulfill the requirement.
- Required: 2.500 overall GPA; 2.700 GPA in education courses; 2.700 GPA in sciences.
- This program meets the State of Ohio licensure requirements for Grades 7 through 12.

## 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

consist of 12 hours taken from graduate level professional education or subject content courses (e.g. art, biology, business, chemistry, classics, computer science, English, French, German, 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.

## 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 503 - Advanced Educational Psych
- EDSP 500 - Sp Ed: Identification & Issue
- EDRE 671 - Content Area Literacy
- EDMS 550 - Technology & Topics for Teache
  - Methods / Curriculum for content area (3-6)
- EDSP 580 - Classroom Management
- EDMS 100 - Field Experience \*
- EDMS 411 - Clinical Experiences \*
- EDMS 470 - Student Teaching AYA \*

### 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 Degree with a concentration 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.

### Requirement for the M.Ed. with a concentration in Special Education

The Master Degree in Education that has a concentration 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. These courses will be planned from special education licensure areas, special education independent study and research areas, and/or limited courses that are required for licensure in the area of special education (for example: required reading courses for licensure). These courses could meet the requirements for the State of Ohio standards for licensure as an Intervention Specialist.

### M.Ed. Special Education 12 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

### M.Ed. 18 hour concentration in Special Education

Students with an advisor from the Special Education Programs will plan an 18 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, Early Childhood, 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 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.

## 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:

16 hours required from:

- EDFD 110 - Human Development & Learning

- EDMS 131 - Professional Education
- 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 325 - Meth/Curr/Asmt in Foreign 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
- EDMS 335 - Meth/Curr/Asmt in Ancient Lang

and take

- EDMS 350 - Technology & Topics for Educat
- EDMS 470 - Student Teaching AYA

### 2. Languages (pre-K - 12):

15 hours required, take:

- EDMS 325 - Meth/Curr/Asmt in Foreign Lang or
- EDMS 335 - Meth/Curr/Asmt in Ancient Lang
- EDMS 350 - Technology & Topics for Educat
- EDMS 471 - Student Teaching: Multi-Age

### 3. Music (pre-K - 12):

18-20 hours required, take:

- MUSC 221 - Elementary Methods

- MUSC 320 - Instrumental Methods
- MUSC 321 - Choral Methods
- EDMS 350 - Technology & Topics for Educat
- EDMS 471 - Student Teaching: Multi-Age

#### 4. Theater (pre K-12):

- THTR 301: Teaching Methods Elementary
- THTR 302: Teaching Methods Secondary

#### 5. Visual Art (pre-K - 12):

18 hours required, take:

- ARTS 221 - Early & Middle Childhood Art
- ARTS 223 - Secondary School Art
- EDMS 350 - Technology & Topics for Educat
- EDMS 471 - Student Teaching: Multi-Age

#### Note(s):

- **Caution:** Please consult with the Director of Secondary Education for exact program details and specific State of Ohio teaching licensure requirements.

## 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 - Human Development & Learning
- 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 - Human Development & Learning
- 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 Elective

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

### 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.

## Special Education Licensure

### Teacher Licensure

The School of Education offers teacher licensure programs, approved by the State of Ohio Department of Higher Education, for early childhood, 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 (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 2.7 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 Nursing

The School of Nursing at Xavier University has as its goal the preparation of professional nurses educated to meet the health care needs of diverse populations in an ever-changing highly technical health care environment. Graduates of Xavier nursing are prepared to practice nursing today and be leaders of tomorrow. The philosophy of the school is to prepare nurses to be holistic leaders in healthcare delivery with an educational foundation grounded in Jesuit values.

The School of Nursing offers two pre-licensure degrees: the BSN and the Master of Science Nursing: Direct Entry as a Second Degree (MIDAS program) for individuals with baccalaureate degrees in other disciplines.

In addition to the pre-licensure BSN and MSN, a Master of Science in Nursing (MSN) is available for registered nurses with a choice of tracks. The tracks offered for registered are administration, clinical nurse leader, education, family nurse practitioner, forensics, general studies, health care law, and informatics. 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: 1) clinical nurse leader or 2) family nurse practitioner. Students completing the program are eligible to sit for the clinical nurse leader or family nurse practitioner certification exam.

The Doctor of Nursing Practice (DNP) in Population Health Leadership program is a 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.

Once admitted to one of the School of Nursing's programs, all students must present evidence of the following **prior to entrance in all clinical/practicum courses**:

1. Liability insurance (\$2,000,000/\$4,000,000), purchased through the University and billed to student's account.
2. Current CPR certification
3. Health history and required physical examination form
4. MMR immunization

5. Yearly tuberculosis skin test (two-step)
6. Tdap (Adacel)
7. Hepatitis B series
8. Proof of current health care coverage
9. Verification of history of varicella (chicken pox)
10. 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 or MSN MIDAS program.

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, for uniforms for clinicals and background checks as required.

Go to <http://www.xavier.edu/msn/Admission.cfm> to reference graduate admission requirements for registered nurses.

Go to <http://www.xavier.edu/msn/midas.cfm> to reference MSN MIDAS graduate admission requirements.

## Bachelor of Science in Nursing

### Nursing, B.S.N.

The Bachelor of Science in Nursing program is designed for the student who is interested in becoming a professional nurse. The graduate is prepared as a generalist to meet the health care needs of diverse populations in an ever-changing, highly technical health care environment. The program is focused on an innovative holistic health and wellness model and educates nurses in the skills of communication, coordination and cooperation with other health care professionals, in a variety of community 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 four years. Pre-licensure students will be qualified to sit for the NCLEX-RN following their successful completion of the program. In addition, all BSN students are eligible to sit for the American Holistic Nurses' Certification examination.

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. Nursing courses begin during the freshman year.

Nursing is a selective admission program. Go to <http://www.xavier.edu/undergraduate-admission/Selective-Admission-Programs.cfm> to review admission requirements specific to nursing.

#### Hispanic Focus

Students enrolled in the BSN program have the opportunity to add the Hispanic Focus to their course of study. This focus is a selection of interdisciplinary courses and selected nursing assignments intended to enhance the student's understanding of, and nursing practice with, the ever-growing Hispanic population. Additional information about the Hispanic Focus is at <http://www.xavier.edu/nursing-school/Hispanic-Focus.cfm>.

#### BSN-MSN Honors Program

Students enrolled in the BSN program have the opportunity to complete a master's degree in any track other than family nurse practitioner within one calendar year and one practicum semester following graduation from the BSN program. Students may apply for this program during spring semester of junior year. Contact the School of Nursing for details and admission criteria.

### B.S. in Nursing

The 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..

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 A&P I for Allied Health <sup>1c</sup>
- BIOL 141 - Hum A&P I Lab Allied Health <sup>1c</sup>
  - Second Language I <sup>c</sup>
- SOCI 101 - Introduction to Sociology <sup>1c</sup> or
- SOCW 167 - Survey of Society Social Work
- NURS 130 - Ways of Knowing
- THEO 111 - Theological Foundations or
  - CORE 100 - First Year Seminar <sup>2c</sup>
  - CORE 101 - First Year Co-Curriculum Program I

Total (16)

### Second Semester

- BIOL 142 - Hum A&P II for Allied Health <sup>1c</sup>
- BIOL 143 - Hum A&P II Lab Allied Health <sup>1c</sup>
  - Second Language II <sup>c</sup>
  - Mathematics Elective <sup>2</sup> (Required for Nursing)
- NURS 132 - Health and Culture I +
- THEO 111 - Theological Foundations <sup>2c</sup> or
  - CORE 100 - First Year Seminar
  - CORE 102 - First Year Co-Curricular Program II

Total (16)

## Sophomore Year

## First Semester

- CHEM 150 - Physiological Chemistry <sup>1</sup>
- CHEM 151 - Physiological Chemistry Lab <sup>1</sup>
- NURS 224 - Nurs Therapeutics I: Asmt
- NURS 225 - Nurs Therapeutics I:Practicum
- PHIL 100 - Ethics as Intro to Philosophy
  
- ENGL 101 - English Composition <sup>c</sup> or
- ENGL 115 - Rhetoric <sup>c</sup>

Total (16)

## Second Semester

- NURS 364 - Pathophysiology
- BIOL 200 - Microbiology <sup>1</sup>
- BIOL 201 - Microbiology Lab <sup>1</sup>
- NURS 230 - Nurs Theapeutics II
- NURS 231 - Nurs Therapeutics II Practicum
  - Historical Perspectives Elective <sup>c</sup>

Total (16)

## Junior Year

### First Semester

- Theological Perspectives Elective <sup>c</sup>
  
- MATH 116 - Elementary Statistics \*\* or
- MATH 156 - General Statistics \*\* (Mathematical Perspectives Electives):<sup>c</sup>
  
- ENGL 205 - Literature & Moral Imagination <sup>c</sup> or



- CLAS 205 - Classical Lit & Moral Imagina<sup>c</sup> or
- SPAN 205 - Hispanic Lit & Moral Imagin<sup>c</sup>
  
- NURS 360 - Adults in Transitions
- NURS 361 - Adult in Transitions Practicum

Total (17)

## Second Semester

- Philosophical Perspectives Elective<sup>c</sup>
- PSYC 277 - Abnormal Psychology<sup>c</sup>
- NURS 370 - Intro to Nursing Research (prereq Statistics)
- NURS 372 - Families in Transitions
- NURS 373 - Families Transitions Practicum

Total (17)

## Senior Year

### First Semester

- Humanities Elective<sup>c</sup>
- Creative Perspectives Elective<sup>c</sup>
- NURS 450 - Mental Health Nursing
- NURS 451 - Mental Health Nursing Pract
- NURS 470 - Community Health Nursing
- NURS 471 - Community Health Nursing Pract

Total (14)

### Second Semester

- NURS 472 - Care of the Complex Client

- NURS 473 - Care of Complex Client Practic
- NURS 498 - Senior Seminar
  - Nursing Elective

Total (14)

## Scheduling Notes:

- <sup>1</sup> These courses must be taken in the semester indicated.
- <sup>2</sup> These core courses must be taken freshman year
- <sup>C</sup> Meets university core requirement
- All students must satisfy 5 flags in addition to the University core curriculum. The 5 flags include: Diversity (NURS 132 fulfills), E/RS, Oral Communication (NURS 130 fulfills), Quantitative Reasoning, Writing (NURS 370 fulfills). Nursing students may be able to fulfill the remaining 2 flags via choice of core courses or nursing courses.
- <sup>3</sup> Nursing students should choose a course that fulfills the E/RS elective.
- <sup>4</sup> 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

### MSN MIDAS (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 model 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.

## Nursing Core (20 semester hours, 17 semester hours FNP, MIDAS)

- NURS 500 - Health Care Ethics-Nurse Leaders
- NURS 501 - Theoretical Bases for Nursing Practice
- NURS 502 - Nursing Research
- NURS 754 - Leadership/Management Concepts (not required for FNP)
- NURS 854 - Advanced Informatics (CNL, FNP, MIDAS instead of NURS 505)
- 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 Family Nursing Practicum
- NURS 564 - Art & Science & Adult Nursing
- NURS 565 - Art & Science & Adult Nursing Practice
- NURS 650 - Art & Science of Advanced Nursing
- NURS 651 - Art & Science 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
- NURS 851 - Leadership Practicum
- NURS 852 - Leadership for Quality

## 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

## Nursing, M.S.N.

The Master of Science in Nursing is available for pre- and post-licensure students.

The second degree pre-licensure MSN (MIDAS program) 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](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 ten are elective credits. Students may customize their course of study or select their electives from a focused track of study.

## 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

The point of entry into the MSN for registered nurses is determined by educational background:

1. Direct entry for RNs with a BSN
2. Direct entry for associate degree or diploma prepared registered nurses with a bachelor's degree in another field via the Educational Mobility Option, or
3. Entry via the RN to MSN program for associate or diploma prepared registered nurses without a bachelor's degree. This entry point requires the completion of bridge courses prior to matriculation 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 (20 semester hours, 17 semester hours FNP, MIDAS)

- NURS 500 - Health Care Ethics-Nurse Leads
- NURS 501 - Theoretical Bases for Nurs Pra
- NURS 502 - Nursing Research
  
- NURS 505 - Health Care Informatics OR
- NURS 854 - Advanced Informatics (CNL, FNP, MIDAS)
  
- NURS 864 - Epidemiologic Methods
- NURS 690 - Healthcare Policy-Nurse Leader (not required for MIDAS)
- NURS 754 - Ldrshp/Management Concepts (not required for FNP)

## Synthesis & Application for Registered Nurses (6 semester hours)

- NURS 703 - Graduate Nursing Practicum I \*
- NURS 705 - Graduate Nursing Practicum II \*
- NURS 779 - Applied Interprofession Collab \*
- NURS 797 - Scholarly Project

\* CNL track requires NURS 853 & NURS 855 instead of NURS 703, 705, 779 & 797

\* FNP requires NURS 777 & NURS 778 instead of NURS 703 & 705

\* MIDAS is a pre-licensure program not requiring NURS 703, 705, 779 & 797. See curriculum.

## Track (Minimum of 10 semester hours)

### Administration 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:

- NURS 556 - Introduction to CNL for RNs
- NURS 602 - Applying CNL Concepts to RNs
- NURS 658 - Clinical Pharmacology
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN

- NURS 853 - Ldrshp Practicum For RNs \*
- NURS 855 - CNL Leadership Scholarly Proj \*

\* NURS 853 & NURS 855 instead of NURS 703, 705, 779 & 797

## Education Track:

- NURS 580 - PathoPharm and Assessment for the Nurse Educator
- NURS 660 - Adult Learner in Healthcare Or
- NURS 662 - Adv Technology & Simulation (Optional Elective Course)
- NURS 664 - Teaching Strategies
- NURS 670 - Roles of the Nurse Educator

## Family Nurse Practitioner Track:

Courses restricted to FNP students.

- NURS 658 - Clinical Pharmacology
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN
- NURS 770 - Primary Care Fam Pract Role
  - NURS 771 - Childbearing Family Care Practicum
- NURS 772 - Childbearing Family Care
  - NURS 773 - Pediatric and Adolescent Family Care Practicum
  - NURS 774 - Pediatric and Adolescent Family Care
- NURS 775 - Adult & Geriatric Fam Care Pra
- NURS 776 - Adult & Geriatric Family Care
- NURS 777 - FNP In Practice
- NURS 778 - FNP Integration Seminar
- NURS 779 - Applied Interprofession Collab

## 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.
- NURS 777 & NURS 778 are required instead of NURS 703 & NURS 705 (See MSN General Curriculum)

## Forensics Track:

- NURS 642 - Psycho/Social/Legal Forensics
- NURS 648 - Found of Forensic Nursing
  
- CJUS 439 - Criminalistics II or
- CJUS 449 - Criminalistics III
  
- NURS 779 - Applied Interprofession Collab

## General Studies 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:

- 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:

- 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.

## RN to MSN Program

The RN to MSN curriculum is designed for experienced registered nurses who are goal directed leaders and seek a high quality program that efficiently meets their need to obtain a MSN degree in a timely manner. Students in this program are registered nurses without a baccalaureate degree in any field, but have a minimum of two years of full-time nursing practice as registered nurses. Applicants must demonstrate leadership potential, motivation, specific career goals and an excellent academic record. It is expected applicants will already have completed foundational courses in their basic training prior to entering the program. These courses would include content in the following areas: anatomy and physiology, microbiology, chemistry, sociology, general psychology, developmental psychology, English composition and health assessment skills. Foundational content will be validated through the essay and resume.

Registered nurses applying to the MSN or RN to MSN program must be graduates of a nursing program accredited by the Accrediting Commission for Education in Nursing (ACEN), formerly NLNAC or the Commission on Collegiate Nursing Education (CCNE). Graduates of an associate degree academic program must have obtained a degree from a college or university accredited by the Commission on Institutions of Higher Education from one of the six regional accrediting bodies (MSA, NASC, NCA, NEASC, SACS, or WASC).

Students enrolled in the RN to MSN program complete 18 semester hours of prerequisite courses. These prerequisite courses build upon previous education and are required as preparation for the graduate program. Once prerequisites are met, students may matriculate into the graduate program. Admission to the graduate courses is contingent upon completion of all prerequisite courses and a minimum 3.000 cumulative grade point average in courses completed at Xavier.

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)

## RN to MSN Program Pre-requisite Courses:

- ENGL 101 - English Composition
- NURS 490 - Analysis of Healthcare Info \*
- PHIL 100 - Ethics as Intro to Philosophy
- THEO 111 - Theological Foundations
- NURS 442 - The Community as Partner
- NURS 496 - Professional Development II

### Note(s):

\* NURS 490 meets the statistics requirement. Alternately, this requirement may be met by a previously completed statistics course or XU's MATH 116 or MATH 156.

The MSN program consists of a minimum of 36 semester hours.

## Doctor of Nursing

### Doctor of Nursing Practice (DNP) in Population Health Leadership

The Doctor of Nursing Practice (DNP) degree program within the Xavier University School of Nursing is a 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 21<sup>st</sup> century. Through the lens of the Jesuit tradition, the student will build on a previously earned advanced practice of nursing 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 health of the nation will be the capstone focus.

Intense immersion experiences in a variety of environments will occur throughout the curriculum and will 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 will also be a part of the immersion experience. Using conceptual and analytical skills, students will provide leadership in clinical scholarship, will 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 40-43 variable credit program is a face to face educational offering for students who will move through the eight semester program on a part-time basis. 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 credit for a similar epidemiology course from their master's curriculum will not be required to repeat the course, thus the variable credit hours.

Application requirements and how to apply: [www.xavier.edu/MSN/DNP-Admission.cfm](http://www.xavier.edu/MSN/DNP-Admission.cfm)

## Program Goals

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 improvements and systems thinking.
3. Provide leadership in clinical scholarship and analytical methods for evidence-based practice.
4. Utilize information systems/technology and patient care technology for the holistic improvement and transformation of health care.
5. Influence health care policy for advocacy in health care.
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 synthesize relationships among practice, organizations, diverse populations, fiscal resources, and policy concerns and to advance nursing practice.

## Curriculum

Course scheduling is designed to enable students to take two courses in one late afternoon/evening per week for the first five semesters followed by one course per semester for the final three courses. Scheduling is subject to change.

- [NURS 864 Epidemiologic Methods](#)
- NURS 900 DNP Foundations (3)
- NURS 902 Advanced Evidence Based Practice (3)
- NURS 903 Nursing Leadership in Complex Population-Based Healthcare Systems (4)
- NURS 904 Application of Advanced Research Methodologies (3)
- NURS 905 Healthcare Finance and Economics for Nurse Leaders (4)
- NURS 906 Informatics for Advanced Nursing Practice in Complex Health Systems (3)
- NURS 907 Evaluation and Analysis of Outcomes in Health Care (4)
- NURS 908 Health Care Policy (3)
- NURS 910 Scholarship of Advanced Application and Innovation (3)
- NURS 911 Advanced Practice Application (4)
- NURS 915 Immersion and DNP Project I (3)
- NURS 917 Immersion and DNP Project II (3)

## Dual Degree

### MSN/MBA

Xavier University's College of Social Science, Health, and Education and Williams College of Business offer an outstanding opportunity for nursing leaders to receive a dual degree in a creative, integrated program that unites these two nationally recognized colleges. More and more nurse administrators are finding the health care industry has become a business that requires both the application of professional nursing and business theories. The joint MSN/MBA program uses a cohort approach, which enhances networking and collegiality among students. Flexible scheduling is an opportunity provided with MBA courses.

This degree requires 59 credits or more depending on the student's choice of courses. Students may be required to take foundational business courses or demonstrate knowledge of the following courses by previous academics, professional credentials or through examination. Two capstone courses measure the accomplishment of each program's objective.

Admission Requirements: [www.xavier.edu/msn/Admission.cfm](http://www.xavier.edu/msn/Admission.cfm)

## Requirements for the Dual Degree MSN/MBA

### Nursing Core/Graduate Support (17 semester hours):

- NURS 500 - Health Care Ethics-Nurse Leaders
- NURS 501 - Theoretical Bases for Nurse Practitioner
- NURS 502 - Nursing Research
- NURS 505 - Health Care Informatics
- NURS 690 - Healthcare Policy-Nurse Leader
- NURS 864 - Epidemiologic Methods

### Concentration (12 semester hours)

- NURS 634 - Nurse Administration in Complex Health  
or
- MGMT 550 - Strategy and Organizations
- NURS 764 - Administrative Informatics  
or
- INFO 550 - Business Information Systems
  - MBA Elective
  - MBA Elective

### MBA Foundational Skills (2 semester hours)

- ACCT 500 - Foundations of Financial Accounting

### MBA Core (21 semester hours):

- ACCT 550 - Managerial Accounting
- BLAW 550 - Business Law and Ethics
- BUAD 550 - International Business
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MKTG 550 - Marketing Strategy
- MGMT 551 - Operational Analysis

### Synthesis & Application (4 semester hours):

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 779 - Applied Interprofession Collab

### Capstone Courses (5 semester hours):

- BUAD 690 - Corporate Governance or
- BUAD 691 - Global Strategic Thinking or
- BUAD 694 - Bond Portfolio Management
  
- NURS 797 - Scholarly Project

## MSN/MEd

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 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 (e.g., CE providerships, in-service educators and nurse educators).

The curriculum consists of a minimum of 61 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 (17 hours)

- NURS 660 - Adult Learner in Healthcare Or
- NURS 664 - Teaching Strategies
- NURS 658 - Clinical Pharmacology
- NURS 670 - Roles of the Nurse Educator
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN

### MEd Courses required (9 semester hours):

- EDFD 503 - Advanced Educational Psych or
- EDFD 510 - Adv Human Develop & Learning
  
- EDAD 660 - Curr Design & Teach Strategies

### 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
- EDAD 562 - Political Structure & PR
- EDAD 564 - Admin of Staff Personnel
- EDAD 565 - School Law I
- EDAD 570 - Policy Planning & Evaluation
- EDAD 572 - Educational Technology
- EDFD 504 - Psych & Learn Theory & Practic
- EDFD 505 - Org of Ed Systems in U.S.
  - EDFD 512 - Psychology for Learning and Tech
- EDSP 500 - Sp Ed: Identification & Issue

### Synthesis & Application (6 semester hours):

- NURS 703 - Graduate Nursing Practicum I
- NURS 705 - Graduate Nursing Practicum II
- NURS 797 - Scholarly Project
- NURS 779 - Applied Interprofession Collab

## MSN/MSCJ

The MSN/MSCJ 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/MSCJ 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/MSCJ 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 439 - Criminalistics II or
- CJUS 449 - Criminalistics III
  
- CJUS 610 - Basic Const Law & Amer Justice
- 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 779 - Applied Interprofession Collab
- NURS 797 - Scholarly Project

## Post Master's Certificate

### Clinical Nurse Leader Post-Master's Certificate

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)

### Requirements for Post Master's Certificate in Clinical Nurse Leader:

- NURS 556 - Introduction to CNL for RNs
- NURS 602 - Applying CNL Concepts to RNs
- NURS 658 - Clinical Pharmacology
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN

- NURS 853 - Ldrshp Practicum For RNs

## Note(s):

- A total of 21 credit hours is required, with a minimum overall cumulative GPA of 3.000.

## 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)

## Pre-requisite courses for FNP core courses:

## Nurse Practitioner Core

(9 semester hours)

- NURS 658 - Clinical Pharmacology
- NURS 680 - Adv Pathophysiology for RN
- NURS 756 - Advanced Health Assess RN

- Individuals who have completed the required nurse practitioner core courses are eligible to enroll in the family nurse practitioner core courses.

## Family Nurse Practitioner Core

(19 semester hours)

- NURS 770 - Primary Care Fam Pract Role
  - NURS 771 - Childbearing Family Care Practicum
- NURS 772 - Childbearing Family Care
  - NURS 773 - Pediatric and Adolescent Family Care Practicum
  - NURS 774 - Pediatric and Adolescent Family Care
- NURS 775 - Adult & Geriatric Fam Care Pra
- NURS 776 - Adult & Geriatric Family Care
- NURS 777 - FNP In Practice
  - NURS 778 - FNP Integration Synthesis Seminar

### Note(s):

Each practicum credit hour is eight clinical hours: 1:8. The total number of practicum hours required for the FNP is 600.

## 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 9 different majors, at the undergraduate level. Offered at the graduate level are a Master of Business Administration (MBA) degree with 7 different concentrations, a full time day Emerging Leaders 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, a Certificate in Pre-MBA Studies, a Certificate in Information Technology, a minor in Business, a minor in Advanced Technology, a minor in Economics, a minor in Entrepreneurship, a minor in Information Technology, a minor in International Business, and a minor in 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.

Business students in the University Scholars program may also elect to participate in the Business Scholars Program. The program provides advanced



coursework in economics, finance, management and business law.

Like the University Scholars program, students take specific classes - designated as "*honors*" sections-in the business curriculum. The classes fulfill classes required of all business majors. Honors courses are smaller in size and focus more attention on in-depth analysis, critical thinking, discussion and writing. Business scholars follow the same curriculum guidelines as all other University Scholars.

Beyond that, business scholars must take four business courses at honors level. Many of the business honors sections will also serve as Honors Seminars, another requirement in the University Scholars program.

## The BSBA degree program consists of:

### Undergraduate core curriculum:

48-63 Credit Hours dependent on courses taken, including

#### Mathematics:

- [MATH 150 - Elements of Calculus I](#) or
- [MATH 170 - Calculus I](#)
  
- [STAT 210 - Statistics For Business I](#)

#### Social sciences:

- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)

### Business Core Requirements:

42 hours

A 2.000 grade point average must be attained in the business core which includes ECON 200 & ECON 201. And at least half of the 42 total credit hours must be taken at Xavier.

- [ACCT 200 - Introductory Financial Acct](#)
- [ACCT 201 - Introductory Managerial Acct](#)
- [BLAW 300 - Legal Environment](#)
- [ECON 200 - Microeconomic Principles](#)
- [ECON 201 - Macroeconomic Principles](#)
- [ECON 300 - Int'l Trade & Bus Environment](#)
- [FINC 300 - Business Finance](#)
- [INFO 120 - Introduction to Business Tech](#)
- [INFO 220 - Mgmnt of Info Tech](#)

- [MGMT 300 - Managerial Behavior](#)
- [MGMT 301 - Managerial Communications](#)
- [MGMT 302 - Quality & Product in Operation](#)
- [MKTG 300 - Principles of Marketing](#)
- [STAT 211 - Statistics For Business II](#)
- [SHRM 200 - Human Resources In a Diverse S](#) (Fulfills Cultural Diversity requirement)

## Major Requirements:

18-21 hours are 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 Pre-Business Core

The Pre-Business Core is designed to ensure students have the quantitative skills necessary to be successful in the upper- and major-level courses in business.

Undergraduate students are eligible to declare business-undecided or any specific business major at any time. However, students will be coded as “provisional status” until they have completed the Business Pre-Core requirements. Once students have completed the Pre-Business Core, the “provisional status” will be lifted and students may proceed to take major-level courses in their intended field of study.

Regardless of “provisional status”, all business students will have access to faculty advisors in their major; they will be encouraged to follow the block scheduled sequence of classes; they will be invited to club activities and will participate in all career development activities provided by the college.

## Pre-Business Core Requirements:

16-17 total credit hours, as follows:

- [INFO 120 - Introduction to Business Tech](#)
- [ACCT 200 - Introductory Financial Acct](#)
- [ECON 200 - Microeconomic Principles](#)
  
- [MATH 150 - Elements of Calculus I](#) or
- [MATH 170 - Calculus I](#)
  
- [STAT 210 - Statistics For Business I](#)
- [STAT 211 - Statistics For Business II](#)

### Note(s):

- Achieve a 2.500 combined grade point average in these courses.
- Earn a minimum of 30 credit hours toward degree requirements.
- Achieve an overall cumulative grade point average of 2.500.

## Business Scholars & University Scholars Program

Business students in the University Scholars program may also elect to participate in the Business Scholars Program. The program provides advanced coursework in economics, finance, management and business law.

Like the University Scholars program, students take specific classes - designated as "*honors*" sections-in the business curriculum. The classes fulfill classes required of all business majors. Honors courses are smaller in size and focus more attention on in-depth analysis, critical thinking, discussion and writing. Business scholars follow the same curriculum guidelines as all other University Scholars.

Beyond that, business scholars must take four business courses at honors level. Many of the business honors sections will also serve as Honors Seminars, another requirement in the University Scholars program.

## Requirements for Business Scholars Program

Students must complete all University Scholars requirements, plus:

1. Micro- or Macroeconomic Principles (ECON 200 and/or ECON 201) at honors level.
2. Managerial Behavior (MGMT 300) at honors level (seminar course).

3. Business Finance (FINC 300) at honors level (seminar course).
4. Legal Environment (BLAW 300) at honors level (seminar course and E/RS Focus Elective).

# Business Scholars/University Scholars Program

## Freshman Year

### First Semester

- [MATH 150 - Elements of Calculus I](#) -Honors
- History I Elective \* (3)
- [ENGL 115 - Rhetoric](#) -Honors
- Foreign Language I \*\* (3)
- [THEO 111 - Theological Foundations](#) -Honors
- [BUAD 101 - The Business Profession I](#)

Total (15)

### Second Semester

- [STAT 210 - Statistics For Business I](#)
- History II Elective \* (3)
- [MKTG 300 - Principles of Marketing](#)
- Foreign Language II \*\* (3)
- [PHIL 100 - Ethics as Intro to Philosophy](#)
- [BUAD 102 - The Business Profession I](#)
- [INFO 120 - Introduction to Business Tech](#)

Total (16)

## Sophomore Year

### First Semester

- [STAT 211 - Statistics For Business II](#)
- [ACCT 200 - Introductory Financial Acct](#)
- [ECON 200 - Microeconomic Principles](#) \*
- Literature Elective SEM (3)
- [INFO 220 - Mgmnt of Info Tech](#)
- [BUAD 201 - The Business Profession II](#)

Total (15)

## Second Semester

- [SHRM 200 - Human Resources In a Diverse S](#) EPU
- [ACCT 201 - Introductory Managerial Acct](#)
- [ECON 201 - Macroeconomic Principles](#)
- [PHIL 290 - Theory of Knowledge](#)
- [MGMT 300 - Managerial Behavior](#) -Honors
- [BUAD 202 - The Business Profession II](#)

Total (15)

## Junior Year

### First Semester

- [ECON 300 - Int'l Trade & Bus Environment](#)
- Science Elective-Honors (major level) (3)
- MAJOR (3)
- [MGMT 301 - Managerial Communications](#)
- [ENGL 205 - Literature & Moral Imagination](#)
- Theo Scrip/Hist or Christ Sys Elect SEM (3)
- [BUAD 301 - The Business Profession III](#)

Total (17)

## Second Semester

- MAJOR (3)
- Science Elective I (4)
- [BLAW 300 - Legal Environment](#) SEM \*\*\*
- [MGMT 302 - Quality & Product in Operation](#)
- [FINC 300 - Business Finance](#) -Honors
- [BUAD 302 - The Business Profession III](#)

Total (16)

## Senior Year

### First Semester

- MAJOR (3)
- MAJOR (3)
- Bus Elective-Honors or Cooperative Ed (3)
- Science Elective (3)
- Theology Ethics or Rel/Cult Elective SEM (3)
- [BUAD 401 - The Business Profession IV](#)

Total (15)

### Second Semester

- MAJOR (3)
- MAJOR (3)
- Gen Elect(or ACCT Elect for ACCT majors) (3)
- Fine Arts Elective \*\*\*\* (3)
- Philosophy Elective SEM (3)
- [BUAD 402 - The Business Profession IV](#)

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- \* Scholars must take one history course at honors level. Scholars must also take either ECON 200 or ECON 201 at honors level.
  - Beyond THEO 111 and PHIL 100, scholars must also take one course in either area at honors level.
  - Student must take either STAT 210 or second science elective at honors or major level.
- \*\* Students must demonstrate intermediate foreign/second language proficiency (202 level or above).
- \*\*\* BLAW 300 at honors level also fulfills E/RS Focus Elective requirement.
- \*\*\*\* Students must complete a studio or performance course for the fine arts elective.
- EPU SHRM 200 fulfills the Cultural Diversity Elective. (Business scholars need not take an additional E Pluribus Unum course).
- SEM Possible Seminar Elective. Students must complete a minimum of three seminars.

Freshman Year	31 hours
Sophomore Year	30 hours
Junior Year	33 hours
Senior Year	30 hours
Total Hours	124 credit hours

## The Business Profession Program (BPP)

The Business Profession Program is a non-credit program for business students at Xavier. The program provides students with career education and professional training to help them more smoothly transition into their business career. The program is required for all business students and supplements their academic studies.

Business students will attend workshops and events each semester on topics such as career assessment and selection, resume writing, interviewing, time management, professional etiquette, networking and others. Students will also have the opportunity to meet with business executives to discuss their career goals.

## Internship Program

The Williams College of Business offers Internship opportunities to qualified students. Cooperative Education 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 registered for any Internship class will be considered full-time status. Interested students should contact the Coordinator of Internship Programs, The Williams College of Business, 1002 Francis Xavier Way, Cincinnati, Ohio 45207-1221, 513 745-4869, for further details or to apply for the program.

Internship eligibility requirements:

- Have 55 or more earned credit hours; junior status.\*
- Have a minimum overall GPA of 2.750 with no repeated course in the major below a "C".\*
- Have a formally declared business major or minor.
- Have successfully completed MGMT 301, Managerial Communications, with a "C" or better or have attended the WCB Business Professions Program's "Resume Workshop" and "Interviewing Workshop."

\* May be waived in certain circumstances, consult the internship director.

## 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.

Our Ranking: 24th in the International Business, graduate programs in the nation, U.S. News & World Report (2011)

## **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. Its accomplishments include:

- A ranking of No. 24 among the most entrepreneurial campuses in America by *The Princeton Review*.
- An internationally recognized faculty with established reputations for research and teaching.
- An entrepreneurship major for business students and a minor for business and non-business students.
- A student learning lab at the Hamilton County Business Center, which provides startup space and contact with entrepreneurs.
- Six student-managed-and-operated businesses on campus.

## **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
- ECON 200 - Microeconomic Principles



- FINC 300 - Business Finance
- MKTG 300 - Principles of Marketing
- MGMT 300 - Managerial Behavior

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
- BLAW 300 - Legal Environment
- ECON 201 - Macroeconomic Principles
- ECON 300 - Int'l Trade & Bus Environment
- MGMT 301 - Managerial Communications
- 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.

## Other Programs

### Business Scholars & University Scholars Program

Business students in the University Scholars program may also elect to participate in the Business Scholars Program. The program provides advanced coursework in economics, finance, management and business law.

Like the University Scholars program, students take specific classes - designated as "*honors*" sections-in the business curriculum. The classes fulfill classes required of all business majors. Honors courses are smaller in size and focus more attention on in-depth analysis, critical thinking, discussion and writing. Business scholars follow the same curriculum guidelines as all other University Scholars.

Beyond that, business scholars must take four business courses at honors level. Many of the business honors sections will also serve as Honors Seminars, another requirement in the University Scholars program.

### Requirements for Business Scholars Program

Students must complete all University Scholars requirements, plus:

1. Micro- or Macroeconomic Principles (ECON 200 and/or ECON 201) at honors level.
2. Managerial Behavior (MGMT 300) at honors level (seminar course).
3. Business Finance (FINC 300) at honors level (seminar course).
4. Legal Environment (BLAW 300) at honors level (seminar course and E/RS Focus Elective).

### Business Scholars/University Scholars Program

## Freshman Year

### First Semester

- MATH 150 - Elements of Calculus I -Honors
  - History I Elective \* (3)
- ENGL 115 - Rhetoric -Honors
  - Foreign Language I \*\* (3)
- THEO 111 - Theological Foundations -Honors
- BUAD 101 - The Business Profession I

Total (15)

### Second Semester

- STAT 210 - Statistics For Business I
  - History II Elective \* (3)
- MKTG 300 - Principles of Marketing
  - Foreign Language II \*\* (3)
- PHIL 100 - Ethics as Intro to Philosophy
- BUAD 102 - The Business Profession I
- INFO 120 - Introduction to Business Tech

Total (16)

## Sophomore Year

## First Semester

- STAT 211 - Statistics For Business II
- ACCT 200 - Introductory Financial Acct
- ECON 200 - Microeconomic Principles \*
  - Literature Elective SEM (3)
- INFO 220 - Mgmt of Info Tech
- BUAD 201 - The Business Profession II

Total (15)

## Second Semester

- SHRM 200 - Human Resources In a Diverse S<sub>EPU</sub>
- ACCT 201 - Introductory Managerial Acct
- ECON 201 - Macroeconomic Principles
- PHIL 290 - Theory of Knowledge
- MGMT 300 - Managerial Behavior -Honors
- BUAD 202 - The Business Profession II

Total (15)

## Junior Year

### First Semester

- ECON 300 - Int'l Trade & Bus Environment
  - Science Elective-Honors (major level) (3)
  - MAJOR (3)
- MGMT 301 - Managerial Communications
- ENGL 205 - Literature & Moral Imagination
  - Theo Scrip/Hist or Christ Sys Elect SEM (3)
- BUAD 301 - The Business Profession III

Total (17)

## Second Semester

- MAJOR (3)
- Science Elective I (4)
- BLAW 300 - Legal Environment SEM \*\*\*
- MGMT 302 - Quality & Product in Operation
- FINC 300 - Business Finance -Honors
- BUAD 302 - The Business Profession III

Total (16)

## Senior Year

### First Semester

- MAJOR (3)
- MAJOR (3)
- Bus Elective-Honors or Cooperative Ed (3)
- Science Elective (3)
- Theology Ethics or Rel/Cult Elective SEM (3)
- BUAD 401 - The Business Profession IV

Total (15)

### Second Semester

- MAJOR (3)
- MAJOR (3)

- Gen Elect(or ACCT Elect for ACCT majors) (3)
- Fine Arts Elective \*\*\*\* (3)
- Philosophy Elective SEM (3)
- BUAD 402 - The Business Profession IV

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- \* Scholars must take one history course at honors level. Scholars must also take either ECON 200 or ECON 201 at honors level.
  - Beyond THEO 111 and PHIL 100, scholars must also take one course in either area at honors level.
  - Student must take either STAT 210 or second science elective at honors or major level.
- \*\* Students must demonstrate intermediate foreign/second language proficiency (202 level or above).
- \*\*\* BLAW 300 at honors level also fulfills E/RS Focus Elective requirement.
- \*\*\*\* Students must complete a studio or performance course for the fine arts elective.
- EPU SHRM 200 fulfills the Cultural Diversity Elective. (Business scholars need not take an additional E Pluribus Unum course).
- SEM Possible Seminar Elective. Students must complete a minimum of three seminars.

Freshman Year	31 hours
Sophomore Year	30 hours
Junior Year	33 hours
Senior Year	30 hours
Total Hours	124 credit hours

## Accountancy

### Bachelor of Science in Business Administration

#### Accounting, B.S.B.A.

The Department of Accountancy offers the Bachelor of Science in Business Administration degree in Accounting. Also, it offers a Professional Accountancy Program to meet the law that is in effect in most states, including Ohio, that generally requires candidates to complete 150 semester credit hours of college coursework prior to sitting for the CPA examination.

The BSBA in Accounting is a four-year program that may be a terminal degree for students not interested in pursuing the CPA certificate, as well as a step toward fulfilling the 150-hour requirement for CPA candidates. An elective Internship experience is available to either student category.

#### Requirements for the BSBA Accounting Major

## Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including

### Mathematics:

- MATH 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Business core requirements:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Major Requirements:

21 hours of specific accounting courses above the business core:

- ACCT 304 - Acct Info Systems
- ACCT 305 - Financial Reporting & Analysis
- ACCT 306 - Finan Reporting & Analysis II
- ACCT 311 - Introduction to Taxation
- ACCT 490 - Auditing
- ACCT 415 - Nonprofit and Govt Acct

or

- ACCT 425 - Cost Accounting

or

- ACCT 485 - Financial Modeling

## Electives:

- 3 hours of business electives.

## Note(s):

- A 2.000 average must be attained in these accounting major courses.
- Ethical issues and professional responsibilities of accountants are integrated throughout these courses.
- Any course taken at another institution must be from an AACSB accredited business school and approved by the department.

## 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

- MATH 150 - Elements of Calculus I
- ENGL 101 - English Composition

or

- ENGL 115 - Rhetoric
- BUAD 101 - The Business Profession I
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- PHIL 100 - Ethics as Intro to Philosophy
  - CORE 101 (0 hours)
  - Second Language I

Total (15)

#### Second Semester

- INFO 120 - Introduction to Business Tech
- ECON 200 - Microeconomic Principles
- BUAD 102 - The Business Profession I
  - CORE 102 (0 hours)
  - Historical Perspectives Elective
  - Second Language II or approved study abroad course
  - Scientific Perspectives Elective or Natural Sciences Elective
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar

Total (16)

## Sophomore Year

### First Semester

- ACCT 200 - Introductory Financial Acct
- ECON 201 - Macroeconomic Principles
- SHRM 200 - Human Resources In a Diverse S
- BUAD 201 - The Business Profession II
- STAT 210 - Statistics For Business I
  - PHIL 200 - Philosophical Perspectives

Total (15)

### Second Semester

- ACCT 201 - Introductory Managerial Acct
- FINC 300 - Business Finance
- BUAD 202 - The Business Profession II
- INFO 220 - Mgmnt of Info Tech
- STAT 211 - Statistics For Business II
  - Scientific Perspectives Elective or Natural Sciences Elective

Total (15)



## Junior Year

### First Semester

- ACCT 304 - Acct Info Systems
- BUAD 301 - The Business Profession III
- ACCT 305 - Financial Reporting & Analysis
- MGMT 300 - Managerial Behavior
- MGMT 301 - Managerial Communications
  - Theological Perspectives Elective

Total (15)

### Second Semester

- ACCT 306 - Finan Reporting & Analysis II
- BUAD 302 - The Business Profession III
- MKTG 300 - Principles of Marketing
- ECON 300 - Int'l Trade & Bus Environment
- ENGL 205 - Literature & Moral Imagination
  - Humanities Elective

Total (16)

## Senior Year

### First Semester

- ACCT 311 - Introduction to Taxation
- BLAW 300 - Legal Environment
- BUAD 401 - The Business Profession IV
  - ACCT Elective or Business Elective
  - Creative Perspectives Elective
  - General Elective

Total (16)

## Second Semester

- ACCT 490 - Auditing
- MGMT 302 - Quality & Product in Operation
- BUAD 402 - The Business Profession IV
  - ACCT Elective or Business Elective
  - Writing Intensive Elective
  - General Elective

Total (15)

## Scheduling Notes:

- All students must complete an oral communication, writing-intensive and quantitative reasoning flagged course. Many are included within the business core or major.
- Approved study abroad courses may be substituted for 201-level language
- Take six hours of science - but must include at least 3 hours of Scientific Perspectives Electives and 3 hours of Natural Sciences Electives (such as BIOL, CHEM or PHYS)
- Business students must take ECON 200 as the Social Science Elective
- Humanities include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS).

## 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. Graduates of the program will demonstrate competency in the primary functional areas of accountancy: financial accounting, managerial accounting, audit, taxation, and commercial law. Students will complete intensive and challenging coursework to prepare them for careers in assurance, tax, financial accounting, managerial tax accounting, and advisory services. They will have a solid understanding of the impact of complex accounting issues on the organizations they serve as well as the impact to both internal and external stakeholders.

## Curriculum

Students must have completed the following: ACCT 300 Intermediate Financial Acct I and ACCT 301 Intermediate Financial Acct II or their equivalent, prior to admission to the program. In addition, students admitted to the program must have completed a course in the areas listed below prior to graduation from the MACC program.

- ACCT 311 Introduction to Taxation (cross-listed as MACC 511)

- ACCT 321 Cost Accounting or ACCT 550 Managerial Accounting
- ACCT 421 Auditing (cross-listed as MACC 542)
- ACCT 495 Analysis of Accounting Systems (cross-listed as MACC 595)

Students may take up to three of the four courses listed above in the free elective component of the MACC curriculum. More curriculum details that depend on the undergraduate degree of the applicant are described below.

Students with an **undergraduate degree in accounting** will be required to complete 30 credit hours from the three primary program components:

- Six required MACC courses (two may be cross-listed).
- One MACC elective course.
- Three other graduate course electives as listed in a later section.

Students with an **undergraduate degree in business (other than accounting)** will be required to complete about 42 credit hours:

- Two courses in Intermediate Financial Accounting (pre-requisite for conditional admission, undergraduate credit)
- Six required MACC courses (two may be cross-listed).
- One MACC elective course.
- Three other graduate course electives as listed in a later section. Students may use up to three of these electives to fulfill the four cross-listed undergraduate accounting course requirements.
- One graduate-only course (ACCT 550) to complete the four cross-listed undergraduate accounting course requirements.
- One additional course to complete the graduate-only seven course requirement.

Students with a **non-business undergraduate degree** will be required to complete about 48 credit hours:

- Two courses in Intermediate Financial Accounting (pre-requisite for conditional admission, undergraduate credit).
- Six required MACC courses (two may be cross-listed).
- One MACC elective course.
- Three other graduate course electives as listed in a later section. Students may use up to three of these electives to fulfill the four cross-listed undergraduate accounting course requirements.
- One additional course to satisfy the four cross-listed undergraduate accounting course requirements.
- Three specific graduate-only business courses:
  - Economics (ECON 550)
  - Finance (FINC 550)
  - Statistics (STAT 500)

## CPA Exam Eligibility Considerations

Students without a business undergraduate degree may need additional courses to meet the criteria to be eligible to take the CPA exam in Ohio. In general 150 semester credit hours are required to take the CPA exam. For CPA exam candidates with an undergraduate degree only, 30 semester hours of accounting are required in addition to 24 hours of general business courses. Alternatively, CPA exam eligibility can be met by completing 150 semester hours of coursework including a master's degree in accounting. It is important to note that CPA exam eligibility criteria vary on a state by state basis. Eligibility criteria for each state can be found at [www.nasba.org](http://www.nasba.org). Ohio requirements can be found at <http://acc.ohio.gov/CPAExam.aspx>.

## Core Accounting Requirements

Students are required to complete the six accounting courses listed below. Students who have previously completed an equivalent course may be required to waive the course and replace it with a MACC elective. Students may not take courses marked with an \* for credit if they have an undergraduate equivalent.

- MACC 515\*- Nonprofit and Governmental Accounting (cross-listed with ACCT 315)
- MACC 531\*- Advanced Financial Accounting (cross-listed with ACCT 431)
- MACC 611 - Corporate Income Tax Reporting and Compliance
- BLAW 620 - Commercial Law and Professional Ethics
- MACC 622 - Fraud Examination
- MACC 625 - Current Topics in Accounting Practice

## MACC Accounting Electives

Students are required to complete one of the following accounting electives:

- MACC 603 - Accounting Internship (subject to approval)
- MACC 616 - Taxation of Flow-Through Entities
- MACC 632 - Advanced Managerial Accounting
- MACC 690 - Corporate Governance (cross-listed with BUAD 690)
- MACC 696 - Special Topics in Accounting I
- MACC 697 - Special Topics in Accounting II
- MACC 695 - Individual Reading and Research

## Free Electives

Students must complete nine hours of free electives from the courses listed below or remaining courses not yet taken in the MACC course electives section above. Students may not take courses marked with an \* for credit if they have an undergraduate equivalent.

- MACC 511\*- Auditing Concepts and Practices (cross-listed with ACCT 311 and taken for three graduate credit hours)
- MACC 542\*- Auditing Concepts and Practices (cross-listed with ACCT 421)
- MACC 595\*- Analysis of Accounting Systems (cross-listed with ACCT 495)
- ACCT 550 - Managerial Accounting
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance (test waiver option available)
- FINC 600 - Managerial Finance
- FINC 602 - Investment Management
- FINC 607 - Portfolio and Hedge Fund Construction
- FINC 621 - Options and Futures Markets
- FINC 632 - Multinational Financial Management
- FINC 640 - Purchase, Sale and Valuation of Closely-Held Entities
- FINC 645 - Mergers and Acquisitions
- FINC 651 - Money and Capital Markets
- FINC 663 - Fixed Income and Debt Management
- FINC 664 - Bond Fund
- FINC 675 - Real Estate Finance
- FINC 684 - Financial Modeling
- INFO 550 - Business Information Systems
- INFO 626 - Knowledge Management
- INFO 655 - Business Intelligence
- INFO 672 - Computer and Network Security
- INFO 674 - Database Management
- INFO 680 - Introduction to Data Mining for Managers
- STAT 500 - Business Statistics

NOTE: Students who **do not have an undergraduate degree in accounting** will need to complete courses in introductory taxation, cost accounting, auditing, and accounting information systems. The following courses fulfill these requirements: MACC 511, ACCT 550, MACC 542, and MACC 595.

NOTE: Student who **do not have an undergraduate degree in business** will need to enroll in ECON 550, FINC 550, and STAT 500 as part of their degree. Additional courses will need to be selected as electives.

## Dual Degree

## The Professional Accountancy Program, B.S.B.A/M.B.A.

This is a five-year program, which some students complete in less than five years, that enables a student to earn a BSBA in Accounting and an MBA while satisfying the 150-hour requirement to be eligible to take the CPA exam. Students are allowed to seek admission to 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: The 150 hour requirement may also be satisfied by a double undergraduate major; such as, Accounting and Information Systems, or Accounting and Finance. This approach requires a student to take an additional three credit hour Accounting elective to meet the 30 credit hours of Accounting courses required under law in the State of Ohio.)

## Requirements:

- Same as the requirements for BSBA in Accounting except that six hours of MBA credit may be taken in the senior year and fall under the undergraduate tuition which covers up to 18 credit hours of classes in an academic term.
- Same as requirements for all MBA students.
- Nine credit hours of graduate electives which may include one or more courses in Accounting/Taxation, beyond ACCT 602.

## B.S.B.A. Accounting and MBA

This block serves as a guideline for progress toward a degree. Through a combination of summer work and/or taking 18 hours per semester, many students complete their program in four or four and one-half years. See your academic advisor.

### Freshman Year

#### First Semester

- MATH 150 - Elements of Calculus I
  - History I Elective (3)
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  - Foreign Language Elective (3)
- BUAD 101 - The Business Profession I
- INFO 120 - Introduction to Business Tech
- MKTG 300 - Principles of Marketing

Total (16)

#### Second Semester

- STAT 210 - Statistics For Business I
  - History II Elective (3)
  - Foreign Language Elective (3)
- BUAD 102 - The Business Profession I
- ECON 200 - Microeconomic Principles
- INFO 220 - Mgmt of Info Tech

Total (15)

## Sophomore Year

### First Semester

- STAT 211 - Statistics For Business II
- ACCT 200 - Introductory Financial Acct
- BUAD 201 - The Business Profession II
- ECON 201 - Macroeconomic Principles
- THEO 111 - Theological Foundations
- SHRM 200 - Human Resources In a Diverse S \*

Total (15)

### Second Semester

- MGMT 300 - Managerial Behavior
- BUAD 202 - The Business Profession II
- ACCT 201 - Introductory Managerial Acct
  - Literature Elective (3)
- PHIL 100 - Ethics as Intro to Philosophy
- FINC 300 - Business Finance
- MGMT 301 - Managerial Communications

Total (17)

## Junior Year

### First Semester

- ACCT 311 - Introduction to Taxation
- BUAD 301 - The Business Profession III
- MGMT 302 - Quality & Product in Operation

Total (16)

### Second Semester

- ACCT 321 - Cost Accounting
- BUAD 302 - The Business Profession III
  - Science Elective (3)
- PHIL 290 - Theory of Knowledge
- ECON 300 - Int'l Trade & Bus Environment
- BLAW 300 - Legal Environment \*

Total (18)

## Senior Year

### First Semester

- Theology Ethics or Rel/Cult Elective (3)
- BUAD 401 - The Business Profession IV
  - Science Elective (3)
- ENGL 205 - Literature & Moral Imagination

Total (18)

## Second Semester

- BUAD 402 - The Business Profession IV

Total (15)

## Fifth Year

### First Semester

- BLAW 550 - Business Ethics and Law or another approved Ethics course chosen in conjunction with the MBA Program Director.
- ACCT 550 - Managerial Accounting
- MKTG 550 - Marketing Strategy
- MGMT 551 - Operational Analysis
- FINC 550 - Fundamentals of Finance

Total (15)

### Second Semester

- BUAD 550 - International Business or International Business Elective
- BUAD 690-694 - Capstone
- Electives (9) \*\*\*

Total (15)



## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- \* SHRM 200 fulfills the Core Curriculum Diversity Requirement Elective.
- \*\* BLAW 300 fulfills the Core Curriculum Diversity Requirement and the Ethics, Religion and Society (E/RS) focus.
- The E/RS focus elective requirement may be used to satisfy another element of the Core Curriculum or the major requirements.
- The BSBA degree program typically requires 124 total credit hours, with 120 hours as the absolute minimum. An overall GPA of 2.000 is required.
- ### Students completing an undergraduate accounting degree may choose any 600 level accounting course to meet the accounting requirement.
- The undergraduate business elective can be waived for students admitted to the MBA program prior to completion of their undergraduate degree if they successfully complete an MBA 600 level core course.

Freshman Year	31 hours
Sophomore Year	32 hours
Junior Year	34 hours
Senior Year	33 hours
Fifth Year	27 hours
Total Hours	157

## Business Administration

## 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

## Mathematics:

- MATH 150 - Elements of Calculus I or
- MATH 170 - Calculus I
- STAT 210 - Statistics For Business I

## Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, See Undergraduate Core Curriculum

## Business core requirements:

Including:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles
- STAT 211 - Statistics For Business II
- ECON 300 - Int'l Trade & Bus Environment

## Major Requirements:

18 total credit hours required, as follows:

### 21 hours of economics courses above the business core:

- ECON 305 - Microeconomic Analysis
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
  - 12 hours of economics electives, at least 6 hours of which must be at the 400-level.

## Electives:

- 3 hours of business electives.
- 3 hours of general electives.

## 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 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

- MATH 150 - Elements of Calculus I
  - First Year Seminar
- ENGL 115 - Rhetoric
  - Foreign Language Elective
- PHIL 100 - Ethics as Intro to Philosophy
- BUAD 101 - The Business Profession I

**Total (15)**

## Second Semester

- THEO 111 - Theological Foundations
- ENGL 205 - Literature & Moral Imagination
- ECON 200 - Microeconomic Principles
  - Foreign Language Elective
  - Scientific Perspectives
- BUAD 102 - The Business Profession I

Total (16)

## Sophomore Year

### First Semester

- ACCT 200 - Introductory Financial Acct
- INFO 120 - Introduction to Business Tech
- BUAD 201 - The Business Profession II
- ECON 201 - Macroeconomic Principles
- STAT 210 - Statistics For Business I

Total (16)

### Second Semester

- SHRM 200 - Human Resources In a Diverse S
- ECON 300 - Int'l Trade & Bus Environment
- STAT 211 - Statistics For Business II
- ACCT 201 - Introductory Managerial Acct
- BUAD 202 - The Business Profession II

Total (15)

## Junior Year

### First Semester

- ECON 305 - Microeconomic Analysis
- MGMT 300 - Managerial Behavior
- FINC 300 - Business Finance
- BUAD 301 - The Business Profession III
  - Economics Elective
  - Historical Perspectives

Total (17)

### Second Semester

- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic
- MGMT 301 - Managerial Communications
- MGMT 302 - Quality & Product in Operation
- MKTG 300 - Principles of Marketing
  - Theological Perspectives
- BUAD 302 - The Business Profession III

Total (17)

## Senior Year

### First Semester

- ECON 492 - Capstone Experience in Economics I
- Economics Elective
- Economics Elective

- Writing Intensive Flag
- Humanities Perspectives
- General Elective
- BUAD 401 - The Business Profession IV

Total (16)

## Second Semester

- BLAW 300 - Legal Environment
  - ECON 493 - Capstone Experience in Economics II
  - Economics Elective
  - Business Elective
  - Creative Perspectives
  - General Elective
- BUAD 402 - The Business Profession IV

Total (17)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog.
- ECON 200 fulfills the social science elective.
- BLAW 300 fulfills the E/RS elective.
- SHRM 200 fulfills the diversity flag.
- ECON 307 fulfills the quantitative flag.
- ECON 492 plus ECON 493 fulfills the oral communication flag
- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major requirements.

## Minors

### 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:

12 hours specifically required:

- SHRM 200 - Human Resources In a Diverse S
- SHRM 345 - Compensation
- SHRM 360 - Staffing
- SHRM 370 - Training and Development

3 hours from electives:

- SHRM 303 - Human Resources Internship I or
- SHRM 403 - Human Resources Internship II
  
- SHRM 302 - Labor Relations
- SHRM 309 - Change Management
- SHRM 325 - International Human Resources
- SHRM 404 - Advanced Topics In SHRM
- SHRM 495 - SHRM Capstone

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.

## 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:**

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

#### **Major Requirements:**

21 total credit hours required, as follows:

#### **15 hours of required finance courses:**

- FINC 350 - Financial Statement Analysis or
- ACCT 306 - Finan Reporting & Analysis II
- FINC 365 - Investments
- FINC 401 - Intermediate Financial Mgmt
- FINC 485 - Financial Modeling
- FINC 488 - Applied Financial Strategy or
- FINC 492 - Portfolio Management II or
- FINC 495 - Cases & Problems in Finance

#### **6 hours from a finance major elective:**



- FINC 306-499 (except 403) (refer to Course Descriptions.)

## Electives:

- 3 hours of business electives.

## 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

- THEO 111 - Theological Foundations or
  - First Year Seminar
- MKTG 300 - Principles of Marketing
- MATH 150 - Elements of Calculus I
- ENGL 101 - English Composition or
- ENGL 115 - Rhetoric
  - Second Language I
- BUAD 101 - The Business Profession I
  - First Year Co-Curricular Program

Total (16)

### Second Semester

- THEO 111 - Theological Foundations <sup>1</sup> or
  - First Year Seminar
- INFO 120 - Introduction to Business Tech <sup>3</sup>
- STAT 210 - Statistics For Business I <sup>+</sup>
  - Historical Perspectives Elective
  - Second Language II
- ECON 200 - Microeconomic Principles <sup>2</sup>
- BUAD 102 - The Business Profession I

Total (16)

## Sophomore Year

### First Semester

- ECON 201 - Macroeconomic Principles
- STAT 211 - Statistics For Business II
- ACCT 200 - Introductory Financial Acct
- BUAD 201 - The Business Profession II
- MGMT 301 - Managerial Communications
- PHIL 100 - Ethics as Intro to Philosophy

Total (14-15)

### Second Semester

- ACCT 201 - Introductory Managerial Acct
- MGMT 300 - Managerial Behavior
- FINC 300 - Business Finance
- INFO 220 - Mgmt of Info Tech
  - Scientific Perspectives Elective
- BUAD 202 - The Business Profession II

Total (15)

## Junior Year

### First Semester

- FINC 350 - Financial Statement Analysis or ACCT 301 or ACCT 306
- SHRM 200 - Human Resources In a Diverse S<sup>DCR</sup>
  - PHIL 200 - Philosophical Perspectives
- ENGL 205 - Literature & Moral Imagination
- BUAD 301 - The Business Profession III

Total (15)

### Second Semester

- FINC 401 - Intermediate Financial Mgmt
  - Theological Perspectives
- BUAD 302 - The Business Profession III
- FINC 485 - Financial Modeling
- ECON 300 - Int'l Trade & Bus Environment
  - Humanities Elective<sup>4</sup>

Total (15)

## Senior Year

### First Semester

- BUAD 401 - The Business Profession IV
  - Creative Perspectives Elective
  - Natural Science Elective
  - Elective Writing<sup>+</sup>
  - FINC Elective

ERS

## BLAW 300 - Legal Environment

Total (15)

## Second Semester

- FINC 495 - Cases & Problems in Finance
  - FINC Elective
  - Business Elective
  - Elective - Oral Communication<sup>+</sup>
- BUAD 402 - The Business Profession IV <sup>5</sup>
- MGMT 302 - Quality & Product in Operation

Total (15)

## Scheduling Notes:

DCR\*SHRM 200 counts as DCR elective

ERS\*\*BLAW 300 counts as ERS elective (also DCR)

<sup>1</sup> Take the First Year Seminar in one of the two semesters and THEO 111 in the other

<sup>2</sup> Business students must take ECON 200 as Social Science Elective

<sup>3</sup> Take INFO 120 in fall or spring semester

<sup>4</sup> Humanities include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS)

<sup>5</sup> Students complete required Financial Planning module

+ May double count with other courses

## 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 Studies

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, B.A. ; the Bachelor of Arts in Economics, Sustainability and Society, B.A. ; the Master of Arts in Urban Sustainability, M.A. , 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 Science in Business Administration

### Sustainability: Economics and Management, B.S.B.A.

The Bachelor of Science in Business Administration, Sustainability: Economics and Management will be a 127 credit hour program, with a combination of classroom-based and experiential on-site learning, and key inter-disciplinary components, in the context of a Jesuit education. Sustainability is typically defined as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs," and economic sustainability involves the integration of economic and organizational goals with environmental and social goals. This degree will allow student to holistically investigate the complex sustainability challenges of our era, where the economy and the organizations associated with it are seen as a component of the ecosystem, not vice versa. Students will be encouraged to imagine and assist in creating new ways of thinking about sustainability in our economies and organizations. Values-based and ethical issues will be regularly examined, including social justice questions related to distribution of economic products and resources, both within and across generations.

### Requirements for the Sustainability: Economics and Management Major

#### Core Curriculum

Consult the Undergraduate Core Curriculum requirements of the Catalog.

#### Major Requirements:

- ECON 305 - Microeconomic Analysis
- ECON 320 - Natural Resource Economics
  - ECON - Environment, Economics and Policy
  - ECOS Capstone: Experiential Integrative Project
- MGMT 300 - Managerial Behavior
- MGMT 301 - Managerial Communications
- MGMT 302 - Quality & Product in Operation
- MGMT 309 - Change Management
  - MGMT 322 - Managing for Sustainability
- MGMT 333 - Global Supply Chain Mgmt
- SHRM 200 - Human Resources In a Diverse S

#### Recommended Business Elective:

Choose one of the following:

- BIOL 398 - SEM: Environmental Studies
- ECON 306 - Macroeconomic Analysis
- ECON 307 - Empirical Analysis In Economic

- ECON 315 - History of Economic Thought
- ECON 395 - Economics of Poverty
- ECON 341 - Econ of Developing Countries
- ECON 420 - Urban and Regional Economics
- ECON 440 - Public Economics
- ECON 450 - International Economics
- ECON 460 - Labor Economics
- ECON 495 - Markets, Strategy & Rivalry
  - ECON - Sustainable Economic Development
- ENTR 305 - Creativity & Innovation
- ENTR 311 - New Venture Planning
  - ENTR - Entrepreneurial Cooperatives
- MGMT 314 - Leadership
- MGMT 325 - International Management
  - MGMT 385 - Project Management
  - Internship: Junior/Senior

TOTAL Minimum Hours Required for Degree: 120-121 Semester Hours

## B.S.B.A. Sustainability: Economics and Management

### Freshman Year

#### Fall Semester

- ECON 200 - Microeconomic Principles
- ENGL 101 - English Composition OR
- ENGL 115 - Rhetoric
- THEO 111 - Theological Foundations

or

- CORE 100
- INFO 120 - Introduction to Business Tech
- BUAD 101 - The Business Profession I
  - CORE 101
  - Second Language I
  - Mathematical Perspectives (MATH 140, 150 or 170)

TOTAL (16)

### Spring Semester

- ECON 201 - Macroeconomic Principles
- THEO 111 - Theological Foundations

or

- CORE 100
- BUAD 102 - The Business Profession I
  - Scientific Perspectives
  - Historical Perspectives
  - Second Language II
  - CORE 102

TOTAL (15)

## Sophomore Year

### Fall Semester

- ECON 320 - Natural Resource Economics
- STAT 210 - Statistics For Business I
- PHIL 100 - Ethics as Intro to Philosophy
- MKTG 300 - Principles of Marketing
- MGMT 300 - Managerial Behavior
- BUAD 201 - The Business Profession II

TOTAL (15)

### Spring Semester

- ACCT 200 - Introductory Financial Acct
- INFO 220 - Mgmt of Info Tech
- BUAD 202 - The Business Profession II
- STAT 211 - Statistics For Business II
  - Theological Perspectives
  - MGMT 322 - Managing For Sustainability

TOTAL (15)



## Junior Year

### Fall Semester

- ACCT 201 - Introductory Managerial Acct or
- FINC 300 - Business Finance
- MGMT 301 - Managerial Communications
- ECON 305 - Microeconomic Analysis
- BUAD 301 - The Business Profession III
  - PHIL 200 - Philosophical Perspectives
  - Natural Science Elective

TOTAL (15)

### Spring Semester

- ACCT 201 - Introductory Managerial Acct or
- FINC 300 - Business Finance
- ECON 300 - Int'l Trade & Bus Environment
- BUAD 302 - The Business Profession III
- SHRM 200 - Human Resources In a Diverse S
  - ECON 421 - Environment, Economics and Policy
  - Humanities Elective

TOTAL (15)

## Senior Year

### Fall Semester

- ENGL 205 - Literature & Moral Imagination
- MGMT 309 - Change Management

- General Elective
- SUST Capstone
- BUAD 401 - The Business Profession IV
- MGMT 302 - Quality & Product in Operation

TOTAL (15)

## Spring Semester

- BLAW 300 - Legal Environment
- MGMT 333 - Global Supply Chain Mgmt
- BUAD 402 - The Business Profession IV
  - Creative Perspectives Elective
  - Business Elective (SUST Practicum or Internship)
  - General Elective
  - CORE 499

TOTAL (14-15)

## Scheduling Notes:

- E/RS Focus Elective requirement may be used to satisfy another element of the core or the major.
- Diversity Curriculum Requirement electives may be used to satisfy other elements of the core or the major.

# Management, Entrepreneurship, and Human Resources

## Bachelor of Science in Business Administration

### Entrepreneurial Studies, B.S.B.A.

The Department of Management and Entrepreneurship offers the Bachelor of Science in Business Administration in Entrepreneurial Studies.

Xavier's undergraduate major in Entrepreneurial Studies 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 Entrepreneurial Studies

Since successful entrepreneurs and those with an entrepreneurial mindset need to have an integrative and interdisciplinary set of skills, the Entrepreneurial Studies 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
- STAT 210 - Statistics For Business I

#### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Business Core Requirements:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Major Requirements:

21 total credit hours required, as follows:

12 hours specifically required:

- ENTR 305 - Creativity & Innovation
- ENTR 311 - New Venture Planning

- ENTR 303 - Co-Op Education/Entrep St: JR or
- ENTR 403 - Co-Op Education/Entrep St: SR
  
- MGMT 495 - Strategic Management

### 3 hours as Marketing elective:

- MKTG 302 - Marketing Research
- MKTG 345 - Integrated Mktg. Comm
- MKTG 361 - Professional Selling

### 6 hours as a major elective:

- Select from a list of approved courses in FINC, INFO, MGMT, MKTG or SHRM.

### Electives:

- 3 hours of business electives.
- 3 hours of general electives.

### Note(s):

- All students declaring a major in Entrepreneurial Studies must consult the Director of the Xavier Entrepreneurial Center at the time they declare.
- 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.

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- \* SHRM 200 fulfills the Cultural Diversity Elective.
- \*\* BLAW 300 fulfills the E/RS Focus Elective requirement of the Core, also.

Freshman Year	31 hours
Sophomore Year	33 hours
Junior Year	35 hours
Senior Year	30 hours
Total Hours	123 credit hours are typical, with 120 as the absolute minimum.

## **International Business, B.S.B.A.**

The Dept of Management and Entrepreneurship offers the degree of Bachelor of Science in Business Administration in International Business. 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
- STAT 210 - Statistics For Business I

#### **Social science:**

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

#### **Foreign/Second Language:**

- Through the 202 course level (the Intermediate level).

#### **Business core requirements:**

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

21 total credit hours required, as follows:

### 12 hours of Global Business Skills:

- MKTG 320 - International Marketing
- MGMT 325 - International Management
- FINC 476 - International Finance

and one of the following:

- SHRM 325 - International Human Resources
- ECON 450 - International Economics
- ECON 341 - Econ of Developing Countries
- BUAD 303 - Co-op Education/Intl Bus:JR or
- BUAD 403 - Co-op Education/Intl Bus:SR

### 3 hours of International Business Capstone:

- BUAD 495

### 6 hours of Global Cultural Knowledge:

- A history course — not used to satisfy university core requirements — that addresses the history of a country or region of the world except the U.S.
- A modern language course at the 300-400 level in the language used to fulfill the modern language skill requirement of the major.
- A course in a modern language that is not being used to fulfill the modern language skill requirement in the major.

## Electives:

- 3 hours of business electives.

## 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.

## Scheduling Notes:

- \* SHRM 200 fulfills the Cultural Diversity Elective.
- \*\*\* BLAW 300 fulfills the E/RS Focus Elective requirement of the Core, also.

Freshman Year	31
Sophomore Year	30
Junior Year	32
Senior Year	30
Total Hours	123 credit hours are typical, with 120 as the absolute minimum.

## 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
- STAT 210 - Statistics For Business I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Business core requirements:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### 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 - Strategic Management

#### 12 hours of major electives:

Select from

- MGMT 310-499 (Refer to Course Descriptions.)



- ENTR 311 - New Venture Planning
  - ENTR 341
- MGMT 305 - Creativity & Innovation or
- ENTR 305 - Creativity & Innovation

## Electives:

3 hours of business electives, with suggested courses of:

- SHRM 321
- SHRM 495
- 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.

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- \* SHRM 200 fulfills the Cultural Diversity Elective.
- \*\* BLAW 300 fulfills the E/RS Focus Elective requirement of the Core, also.

Freshman Year	31 hours
Sophomore Year	30 hours
Junior Year	32 hours
Senior Year	30 hours
Total Hours	123 credit hours are typical, with 120 as the absolute minimum.

## **Strategic Human Resource Management, B.S.B.A.**

The Department of Management, Entrepreneurship and Strategic Human Resources offers the degree of Bachelor of Science in Business Administration in Strategic Human Resource Management.

In today's increasingly complex business world, there is a need for Human Resources Practitioners or Functional Specialists with well-rounded professional training to be leaders in the ethical and strategically effective employment of people in organizations. Although the primary goal of the program is to provide the professional training necessary for graduates to obtain human resources jobs, the major should be especially appealing to students with broad interests. Reflecting this broad approach, the field of human resources is studied from a strategic approach encompassing a wide range of business areas as well as legal, economic, and political perspectives. The core program provides students the opportunity to take advanced courses that are both theoretical and practical in nature from the human resources functional areas, including staffing, compensation, training and development, change management, international human resources, and labor relations; additionally, students take the strategic HRM capstone course that emphasizes the strategic importance of HRM in organizational effectiveness and the internal assessment of HRM systems for alignment with organizational goals.

Outside of the classroom, students may 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 Major

### Undergraduate core curriculum requirements:

See the Undergraduate Core Curriculum in the catalog.

### Mathematics:

- MATH 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Business Core Requirements:

- 42 hours includes
- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

### Major Requirements:

21 total credit hours required, as follows:

12 hours specifically required:

- SHRM 345 - Compensation
- SHRM 360 - Staffing
- SHRM 370 - Training and Development
  
- SHRM 495 - SHRM Capstone (preferred) or
- MGMT 495 - Strategic Management

9 hours from electives:

- SHRM 303 - Human Resources Internship I or
- SHRM 403 - Human Resources Internship II
  
- SHRM 302 - Labor Relations
  
- SHRM 309 - Change Management or
- MGMT 309 - Change Management
  
- SHRM 325 - International Human Resources
- SHRM 404 - Advanced Topics In SHRM
- MGMT 314 - Leadership
- MGMT 385 - Project Management
- SHRM 495 - SHRM Capstone

Electives:

- Three (3) hours of business electives.

Note(s):

- No more than six (6) hours may double count between MGMT major and SHRM major (excluding SHRM 200).
- A 2.000 cumulative average must be attained in these major courses.

## **Associate of Business Administration**

### **General Business, A.B.A.**

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
- MGMT 302 - Quality & Product in Operation
- 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

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 2.000 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 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

### Entrepreneurship Minor

The Department of Management and Entrepreneurship offers the minor in Entrepreneurship.

This minor is available to business and non-business undergraduate students.

18 total credit hours are required, as follows:

9 hours of required entrepreneurial studies courses:

- ENTR 305 - Creativity & Innovation
- ENTR 311 - New Venture Planning
- MGMT 495 - Strategic Management

6 hours of required business courses:

- 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.

## International Business Minor

The Department of Management and Entrepreneurship offers the minor in International Business.

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:

- COMM 224 (3)
- FREN 315 - Business French I
- GERM 315 - Business German
- SPAN 306 - Business Spanish
  - Or courses from HIST & POLI.

## 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 Information Systems

## Bachelor of Science in Business Administration

### Business Analytics, B.S.B.A.

The BSBA. in Business Analytics 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 Major

### University Core Curriculum

See Undergraduate Core Curriculum

### BSBA Degree and Business Core Requirements

See Williams College of Business

### Major Requirements:

21 credit hours, as follows

- INFO 358 - Data Modeling and Management
- INFO 365 - Business Analytics
- INFO 329 - Data Mining

or

- MKTG 329 - Data Mining
- MKTG 302 - Marketing Research
  - MKTG 315 - Principles of Category Management

or

- MKTG 370 - Consumer Behavior
  - BANL 495 - Business Analytics Capstone
  - Any INFO 300-499 (excluding 403) or MKTG 300-499 course not used toward the completion of a separate degree. In addition, analytically focused courses in other disciplines will be considered at the discretion of the MIS Department Chair. At most, 3 double counts will be allowed in this major.

## B.S.B.A. Business Analytics

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

### Freshman Year

#### Fall Semester

- THEO 111 - Theological Foundations
- or
- CORE 100 - First Year Seminar
- MATH 150 - Elements of Calculus I
- or
- MATH 140 - Concepts of Calculus
- ENGL 101 - English Composition
- or
- ENGL 115 - Rhetoric
  - MKTG 300 - Principles of Marketing
    - Second Language I
    - CORE 101
  - BUAD 101 - The Business Profession I

Total (15)

#### Spring Semester

- STAT 210 - Statistics For Business I
    - Quantitative Reasoning Elective
    - Second Language II
    - Historical Perspectives Elective
    - CORE 102
  - THEO 111 - Theological Foundations
- or
- CORE 100 - First Year Seminar



- ECON 200 - Microeconomic Principles
- INFO 120 - Introduction to Business Tech
- BUAD 102 - The Business Profession I

Total (16)

## Sophomore Year

### Fall Semester

- PHIL 100 - Ethics as Intro to Philosophy
- ECON 201 - Macroeconomic Principles
- ACCT 200 - Introductory Financial Acct
- STAT 211 - Statistics For Business II
- INFO 220 - Mgmt of Info Tech
- BUAD 201 - The Business Profession II

Total (15)

### Spring Semester

- SHRM 200 - Human Resources In a Diverse S
- MGMT 300 - Managerial Behavior
- MGMT 301 - Managerial Communications
- BUAD 202 - The Business Profession II
- ACCT 201 - Introductory Managerial Acct

or

- FINC 300 - Business Finance
  - Scientific Perspectives or Natural Sciences Elective

Total (15)

## Junior Year

### Fall Semester

- FINC 300 - Business Finance

or

- ACCT 201 - Introductory Managerial Acct
- MKTG 302 - Marketing Research
- INFO 358 - Data Modeling and Management

BUAD 301 - The Business Profession III

- PHIL 200 - Philosophical Perspectives
- Humanities Elective

Total (15)

## Spring Semester

- BLAW 300 - Legal Environment
- ECON 300 - Int'l Trade & Bus Environment
- BUAD 302 - The Business Profession III
- MKTG 370 - Consumer Behavior
- MKTG 329 - Data Mining

or

- INFO 329 - Data Mining
  - Theological Perspectives Elective

Total (15)

## Senior Year

### Fall Semester

- ENGL 205 - Literature & Moral Imagination
- INFO 365 - Business Analytics
- BUAD 401 - The Business Profession IV
  - Natural Science Elective or Scientific Perspectives
  - Business Analytics Elective
  - Business Elective or Internship for Credit

Total (15)

### Spring Semester

- MGMT 302 - Quality & Product in Operation
- BUAD 402 - The Business Profession IV
  - Creative Perspectives Elective
  - Business Analytics Capstone
  - Writing Intensive Elective
  - General Elective (2-3 hours)
  - CORE 499

Total (14-15)

## Scheduling Notes:

- Total for degree is 120-121 hours. Major is 21 hours plus business elective or internship for credit.
- Business majors must take ECON 200 as Social Science Elective
- Students can take any six hours of science but must include at least 3 hours of Natural Science, such as BIOL, CHEM or PHYS.

## Information Systems, B.S.B.A.

The Department of Management Information Systems offers the Bachelor of Science in Business Administration degree in Information Systems.

The objectives of the Information Systems program are to facilitate good management by:

1. Providing specialized professional training in information systems principles and techniques.
2. Stimulating the application of sound information systems to the wide range of business activities.
3. Aiding in the development of the student's intellect, communication skills, and analytic ability to prepare for the dynamic field of computer-information systems.

This degree is designed for individuals who aspire to a career as an analyst, or information systems manager or programmer. The major is conducive to a double major or as a minor to another major in the University since technology is critical to any profit or non-profit business.

## Requirements for the Information Systems Major

### Undergraduate core curriculum requirements:

48-63 Credit Hours dependent on courses taken, including

#### Mathematics:

- MATH 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

#### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Business Core Requirements:

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

18 total credit hours required, as follows:

### 9 hours of information systems courses:

- INFO 358 - Data Modeling and Management
- INFO 360 - Intro to Application Developmt
- INFO 495 - System Development Project

### 9 hours of major elective:

Select from

- INFO 304-499 (excluding INFO 403). Students may also choose ACCT495 or FINC 495 at the discretion of course instructors. (Refer to Course Descriptions.)

## Electives:

### 3 hours of business electives:

Preferably an Internship via

- ENTR 303 - Co-Op Education/Entrep St: JR or
- ENTR 403 - Co-Op Education/Entrep St: SR

## Note(s):

- A 2.000 average must be attained in the information systems courses.

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

### Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.

## Minors

### Advanced Technology Minor

The Department of Management Information Systems offers the minor in Advanced Technology. This minor is available to business and non-business undergraduate students.

18 total credit hours are required, as follows:

15 hours from specific required courses:

- CSCI 170 - Computer Science I
- INFO 362 - Adv Application Development
- INFO 368 - Intro to Enterprise Systems

3 hours from elective courses:

- Select from upper division courses in INFO and CSCI.

### 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 Minor

The Minor in Business Analytics 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.

## 9 credit hours of required prerequisites

- INFO 220 - Mgmnt of Info Tech
- STAT 211 - Statistics For Business II
- MKTG 300 - Principles of Marketing

## 15 credit hours from:

- INFO 358 - Data Modeling and Management
- INFO 365 - Business Analytics
  
- INFO 329 - Data Mining or
- MKTG 329 - Data Mining
  
- MKTG 302 - Marketing Research
  - MKTG 315 - Consumer Centric Category Management or
- MKTG 370 - Consumer Behavior

## Information Technology (IT) Minor

The Department of Management Information Systems offers the minor in Information Technology.

This minor is available to business and non-business undergraduate students.

## 15 total credit hours are required, as follows:

### 6 hours from two required courses:

- INFO 220 - Mgmnt of Info Tech
- INFO 358 - Data Modeling and Management

## 9 hours from elective courses:

- INFO 303 - Internship / Info Syst Jr
- INFO 328 - Database Management
- INFO 329 - Data Mining
- INFO 357 - Telecommunications & Networkin
- INFO 358 - Data Modeling and Management
- INFO 359 - Hardware & Software Overview
- INFO 360 - Intro to Application Developmt
- INFO 362 - Adv Application Development
- INFO 368 - Intro to Enterprise Systems
- INFO 374 - Intro to Web Site Development
- INFO 378 - E-Business
- INFO 403 - Internship / Info Syst Sr
- INFO 450 - Systems Analysis and Design
- INFO 490 - Contemp Issues in Info Systems
- INFO 495 - System Development Project
- INFO 499 - Tutorial Course
- FINC 485 - Financial Modeling
- MKTG 329 - Data Mining

## 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.

# 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 150 - Elements of Calculus I
- STAT 210 - Statistics For Business I

### Social science:

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Business core requirements

42 hours includes

- ECON 200 - Microeconomic Principles
- ECON 201 - Macroeconomic Principles

## Major Requirements:

18 total credit hours required (in addition to MKTG 300), as follows:

### 6 hours of foundations specifically required:

- MKTG 302 - Marketing Research
- MKTG 495 - Mktg Planning & Analysis

### 12 hours of electives required:



Select from MKTG 306-494 (except MKTG 403) (Refer to Course Descriptions.)

- INFO 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).
- 3 hours of general electives.

## 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.
- For MKTG 495, a student must complete 9 hours of Marketing course work (above 300) before taking MKTG 495 and must be taken in their last semester. Also, MKTG 302, ACCT 200 and FINC 300 must be completed. MKTG 495 must be taken in the last semester at Xavier.
- STAT 211 must be completed before MKTG 302

## B.S.B.A. Marketing

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

### Freshman Year

#### First Semester

- ENGL 101 - English Composition
- MATH 150 - Elements of Calculus I
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- BUAD 101 - The Business Profession I
- MKTG 300 - Principles of Marketing
  - Second Language I
  - CORE 101 - First Year Experience

Total (15)

## Second Semester

- BUAD 102 - The Business Profession I
- INFO 120 - Introduction to Business Tech
- STAT 210 - Statistics For Business I
- THEO 111 - Theological Foundations

or

- CORE 100 - First Year Seminar
- ECON 200 - Microeconomic Principles
  - Second Language II
  - Historical Perspectives Elective
  - CORE 102 - First Year Experience

Total (16)

## Sophomore Year

### First Semester

- ECON 201 - Macroeconomic Principles
- ACCT 200 - Introductory Financial Acct
- MGMT 300 - Managerial Behavior
- STAT 211 - Statistics For Business II
- PHIL 100 - Ethics as Intro to Philosophy
- BUAD 201 - The Business Profession II

Total (15)

## Second Semester

- ACCT 201 - Introductory Managerial Acct

or

- FINC 300 - Business Finance
- SHRM 200 - Human Resources In a Diverse S
- BUAD 202 - The Business Profession II
- INFO 220 - Mgmt of Info Tech
- MGMT 301 - Managerial Communications
  - Scientific Perspectives Elective

Total (15)

## Junior Year

### First Semester

- FINC 300 - Business Finance

or

- ACCT 201 - Introductory Managerial Acct
- ENGL 205 - Literature & Moral Imagination
  - PHIL 200 - Philosophical Perspectives
  - Marketing Elective
  - Marketing Elective
- BUAD 301 - The Business Profession III

Total (15)

### Second Semester

- ECON 300 - Int'l Trade & Bus Environment
  - Marketing Elective
  - Marketing Elective
  - Theological Perspectives Elective
  - Humanities Elective
- BUAD 302 - The Business Profession III

Total (15)

## Senior Year

### First Semester

- MKTG 302 - Marketing Research
- BUAD 401 - The Business Profession IV
- BLAW 300 - Legal Environment
  - Creative Perspectives Elective
  - Natural Science Elective
  - General Elective

Total (15)

### Second Semester

- MKTG 495 - Mktg Planning & Analysis
- MGMT 302 - Quality & Product in Operation
  - General Elective
  - Business Elective
  - Writing Intensive Elective
- BUAD 402 - The Business Profession IV

Total (15)

## Scheduling Notes:

- Consult the "Undergraduate Core Curriculum" requirements of the Catalog or website.
- All students must complete an oral communication, writing-intensive and quantitative reasoning flagged course. Many are included within the business core or major.
- A minimum total hour for an undergraduate degree is 120 hours.
- Total credit hours needed for the business degree (BSBA) is 121-123 hours-depending on your major.
- If students wish to complete two degrees 150 hours is required. A double major in business may be fewer hours.
- Students must take six hours of science - but must include 3 hours of Scientific Perspective electives and 3 hours of Natural Sciences such as BIOL,

CHEM or PHYS

- Humanities include any Literature (except 205), CLAS, HIST 200+, THEO 300+, PHIL 300+ (but cannot also double count as ERS).
- For 18-hour business majors, you may substitute a free elective for the major elective.

## Master of Science

### Customer Analytics, M.S.

The Master of Science in Customer Analytics trains and develops future problem-solving leaders. Through the utilization of real-world data sets, students will 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.

### Prerequisites

- Undergraduate or Graduate Introduction to Statistics
- INFO 550 (or its equivalent)
- Excel Bootcamp
- SAS Bootcamp

### Course Sequence (Once prerequisites are satisfied)

#### Year One

##### Fall Semester

- MKTG 550 - Marketing Strategy
- MKTG 602 - Marketing Research

##### Spring Semester

- MKTG 605 - Applied Multivariate Analysis
- BUAD 501 - Ldrshp and Communication

##### Summer Semester

- INFO 674 - Database Management

## Year Two

### Fall Semester

- MKTG 664 - Consumer Behavior Theory
- INFO 680 - Intro Data Mining for Managers

### Spring Semester

- MKTG 640 - Consumer-Centric Category Mgmt
  - INFO 665 - Spreadsheet Applications Decision Making

### Summer Semester

- BUAD 605 - Internship (This is a practicum that involves hands on analysis with real world data)

## Notes

- Graduate business courses level 600 and above may be used to complete the required 30 hours of graduate level work where waivers have been granted (with approval of program director).
- Students transferring from a Masters' program of an AACSB accredited school may transfer in up to six credit hours that are deemed the equivalent of courses in the Xavier MS in Customer Analytics program.
- At least seven courses that are open only to graduate students must be completed at Xavier.
- Students with significant previous experience or course work may be waived out of specific classes on a case-by-case basis and can take elective courses in their place.
- Xavier undergraduate students during their senior year may take up to six hours of graduate courses in the program with approval of the program director.

## MBA Office

### Master of Business Administration

### Emerging Leaders MBA

The Emerging Leaders MBA (ELMBA) is designed to be a 1-year, full-time, Master of Business Administration program for recent 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 3-credit courses and ideally nine hours of experiential focused electives. 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 will be 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 STAT 500: Business Statistics must be taken before the start of the program. Consult with a MBA advisor before registering for equivalents.

The ELMBA requires a mandatory professional development program that will run throughout the entire course of the program. Professional development programming will take place on Fridays. Participation in a global immersion experience, an internship, the Executive Mentor program, and other experiential opportunities is highly encouraged.

## Fall Semester

- BLAW 550 - Business Law and Ethics
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance
- MGMT 550 - Strategy and Organizations
- MKTG 550 - Marketing Strategy

## Spring Semester

- MGMT 551 - Operational Analysis
- INFO 550 - Business Information Systems
  - ACCT 550: Managerial Accounting
  - International Business: BUAD
  - Experience based Electives (**choose one**):

International Immersion trip over Spring Break **OR**

ENTR 668: Small Business Consulting **OR**

MGMT 654: Project Management

## Summer Semester

- Capstone
- Experience based Electives (**choose one**):

MBA Internship

ENTR 668: Small Business Consulting

Independent Study or Research

## 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 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.

The MBA program is also offered in a 20 month evening cohort format in West Chester, Ohio.

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.

MBA program applicants may take the Graduate Management Admission Test (GMAT) prior to admission. Test information may be obtained on-line at [www.mba.com](http://www.mba.com). The Graduate Record Exam (GRE) is also accepted for MBA admission consideration. Persons holding a doctoral level degree are waived from taking the GMAT or GRE. Information regarding the MBA program may be obtained from the MBA Office Coordinator at 513 745-4800 or email [mbaadmit@xavier.edu](mailto:mbaadmit@xavier.edu).

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 of the Ethics Policy.

Xavier MBA participates in a unique partnership with other AACSB accredited Jesuit universities' MBA programs, which are located in major American metropolitan areas. 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.

Participating institutions include the following:

Boston College, Boston MA  
Canisius College, Buffalo NY  
Creighton University, Omaha NE  
Fairfield University, Fairfield CT  
Fordham University, New York NY  
Gonzaga University, Spokane WA  
John Carroll University, Cleveland OH  
LeMoyne College, Syracuse NY  
Loyola College in Maryland, Baltimore MD  
Loyola Marymount Univ., Los Angeles CA  
Loyola University Chicago, Chicago IL  
Loyola Univ. New Orleans, New Orleans LA  
Marquette University, Milwaukee WI  
Rockhurst University, Kansas City MO  
Santa Clara University, Santa Clara CA  
Seattle University, Seattle WA  
St. Joseph University, Philadelphia PA  
St. Louis University, St. Louis MO  
University of Dayton, Dayton OH \*  
University of Detroit Mercy, Detroit MI  
University of Portland, Portland OR \*  
University of San Diego, San Diego CA \*  
Univ. of San Francisco, San Francisco CA  
University of Scranton, Scranton PA

\* Non Jesuit School

## 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

(5 semester hours)

**These courses can be waived or tested out.**

- ACCT 500 - Foundations of Financial Acct
- STAT 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 Xavier-based waiver exam is available for STAT 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 (Pre-req: ACCT 500)
- BLAW 550 - Business Ethics & Law
- BUAD 550 - International Business or any other International Business Elective
- ECON 550 - Managerial Economics
- FINC 550 - Fundamentals of Finance (Pre-req: ACCT 500, STAT 500)
- INFO 550 - Business Information Systems
- MGMT 550 - Strategy and Organizations
- MGMT 551 - Operational Management (Pre-req: STAT 500)
- 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

**Elective Areas of Concentration and minimum 9 credit hours required**

- Business Administration (9)
- Business Intelligence (9)
- Finance (12)
- Innovation, Change & Entrepreneurship (9)
- International Business (9)
- Marketing (9)
- Pricing Strategy (9)
- Values-Based Leadership (9)

Contact the M.B.A. office for further details and developments. Some concentrations have required courses. Consult with your academic advisor and the Degree Evaluation report that is available on the Xavier Student Hub.

Students may tailor electives in the area(s) 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 must be made to the MBA office. Opportunities for international study trips, independent study tutorials, and experimental courses are often available for students and do count toward the Business Administration (MBAN) concentration. Such opportunities must be discussed with an MBA advisor.

## MBA Plus Concentration

A student with an MBA degree earned from any accredited school may participate in the MBA Plus concentration program earning a certificate in any of the above areas of concentration or take graduate level business courses in line with personal interests. The MBA Plus program is a non-degree program.

## Executive MBA Program

The Executive MBA Program develops a student's executive presence so that upon graduation the student will be:

A strategic decision maker

Board member ready

A team player

Globally Focused & Ready

An Influential Communicator

A Developed Leader

Entrepreneurial & Innovative

The Xavier EMBA program will be ready to lead in a variety of business models & with an enterprise wide lens. As a result of their experience, students will identify the difference between creating & adding value, all the while successfully navigating a professional network.

This holistic development is created by immersion, foundation, advanced business focus, and a capstone

Immersion will require a week long residency in which case study methodology, strategic planning, team building, and personal assessment & leadership are achieved.

Foundation will master executive competencies and focus on value creation and/or value capturing and on leadership within functional area, all the while honing executive competencies that span & engage culturally, ethically, entrepreneurially, innovatively, and organizationally in addition to in-depth exploration of accounting, economics, financial management, talent management, information systems, CSR, and marketing. These foundations can be applied in any sector and are not inclusive just to business. These include: manufacturing, business to business, business to consumer, service, public sector, non-profit, start-up, mid-size, and large corporations.

Advanced business focus will be multi-dimensional, cross-functional, and experiential. It will develop advanced leadership understanding as skills & knowledge are tested via case study and experiential learning. Consulting projects will vary in scope and size.

The Capstone experience is to design and execute a strategic business plan that creates and captures value. In it, all previous studies will be channeled into Local/National/International consultancy projects, Board membership projects, or other integrative projects.

The Executive MBA experience will be fast-paced and have a condensed-learning format, mandatory team projects and collaborative learning. Class size will be limited for maximum exposure & information absorption. There will be special events to promote deeper learning experiences. There will be networking opportunities. A global immersion, 12-14 days, experience is required for the program.

The EMBA is run separately from Xavier's traditional MBA Program and once a year in September and runs for 16 months. Classes are concentrated into a two day a week format (Friday and Saturday) twice a month. Class time is between 8:00 am till 5:00 pm mandatory international trip occurs in the program. Admission is based on significant managerial and corporate leadership and business experience in addition to undergraduate academic records, GMAT scores, essays, letters of recommendation, a personal interview and evidence of strong organizational support.

Information regarding the Executive MBA Program may be obtained from the MBA Admissions Coordinator, at 513-745-4800 or mbaabmit@xavier.edu

## Online MBA

The On-Line MBA is designed to meet the needs of working professionals who cannot easily attend on-campus classes. Ideally, the program begins once a year in the fall semester. Classes are offered in an 8 week 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 13 courses. The program format makes it possible for students to finish their on-line MBA in two years.

**All Foundation Skill courses (ACCT 500 and STAT 500) must be completed to be eligible for admission.**

On-line MBA students are required to work with a MBA advisor before beginning classes.

## Weekend MBA Program

The Weekend MBA is designed to meet the needs of working professionals who cannot easily attend classes on weekday evenings. The program begins once a year in the fall semester. Morning and afternoon classes are offered on Saturday. Students follow an established curriculum of 13 courses that are offered for six sequential semesters (including summers). The program format makes it possible for students to finish their MBA in two years.

Students participate in a cohort-like program yet only meet for class once a week. **All Foundation Skill courses (ACCT 500 and STAT 500) must be completed to be eligible for admission.**

The following is a typical schedule for the Weekend MBA program, with 39 total credit hours required.

### Fall Semester Year 1

- ACCT 550 - Managerial Accounting
- MGMT 550 - Strategy and Organizations

### Spring Semester Year 1

- ECON 550 - Managerial Economics

- MGMT 551 - Operational Analysis

## Summer Session Year 1

- BLAW 550 - Business Ethics and Law
- Elective (5 week block) (3)
- INFO 600 (On-line)

## Fall Semester Year 2

- FINC 550 - Fundamentals of Finance
- Elective

## Spring Semester Year 2

- MKTG 550 - Marketing Strategy
- BUAD 550 - International Business or International study trip option

## Summer Session Year 2

- Capstone Course (3)
- Elective (5 week block) (3)

## Non-Degree

### Pre-MBA Studies Plan

This plan satisfies the foundation courses required for the Xavier evening and weekend M.B.A. 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.

### Requirements for Pre-MBA Studies Plan:

Plan is 9 hours.

Required courses include:

- ACCT 200 - Introductory Financial Acct
- STAT 210 - Statistics For Business I
- STAT 211 - Statistics For Business II

## 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.
- At least half of the credit hours must be taken at Xavier.

## Course Descriptions

### 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

*Williams College of Business Accountancy*

### 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

*Williams College of Business Accountancy*

## **ACCT 304 - Acct Info Systems**

# **ACCT 304 - Acct Info Systems**

### **3 Credit Hours**

The primary focus of this course is illustration of how technology enables key accounting activities. 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 enterprise based systems.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of B- and Undergraduate level ACCT201 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 305 - Financial Reporting & Analysis**

# **ACCT 305 - Financial Reporting & Analysis**

### **4 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 two course sequence.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of B- and Undergraduate level ACCT201 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 306 - Finan Reporting & Analysis II**

# **ACCT 306 - Finan Reporting & Analysis II**

### **4 Credit Hours**

The second of a two course sequence focusing on the study of financial accounting theory and principles.

**Prerequisites:** Undergraduate level ACCT305 Minimum grade of C or Undergraduate level ACCT300 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 311 - Introduction to Taxation**

# ACCT 311 - Introduction to Taxation

## 4 Credit Hours

An introduction to individual tax law as well as the tax implications of business formation, income and expenses, and distributions for Sole Proprietorships, C-corporations, Partnerships and S-corporations. This course includes compliance, planning, tax research and ethical issues.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of C

**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

*Williams College of Business Accountancy*

## 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

*Williams College of Business Accountancy*

## ACCT 315 - Nonprofit & Gov't Accounting

# ACCT 315 - Nonprofit & Gov't Accounting

## 3 Credit Hours

This course is designed to introduce students to accounting for nonprofit organizations and state and local governmental (SLG) entities. Students will learn the basics of a nonprofit and SLG business model from a business process prospective and how that applies to financial and managerial accounting principles. Accounting systems and reporting practices used by nonprofit and SLG organizations are also examined. Service learning may also be used in this course and

will provide students with an opportunity to work on accounting-related projects that will benefit nonprofit organizations.

**Prerequisites:** Undergraduate level ACCT201 Minimum grade of C

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **ACCT 321 - Cost Accounting**

# **ACCT 321 - Cost Accounting**

### **3 Credit Hours**

The study of the process of measuring, interpreting, and communicating information that assists managers in achieving organizational goals.

**Prerequisites:** ACCT200 and ACCT201 and STAT211 and FINC300

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## **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

*Williams College of Business Accountancy*

## **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 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 nonprofit organizations as well as governmental entities at the municipal, state and federal level.

**Prerequisites:** Undergraduate level ACCT305 Minimum grade of B or Undergraduate level ACCT300 Minimum grade of B

**Levels:** Undergraduate

*Williams College of Business Accountancy*

## ACCT 425 - Cost Accounting

# ACCT 425 - Cost Accounting

## 3 Credit Hours

The study of the process of measuring, interpreting, and communicating information that assists managers in achieving organizational goals.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of B- and Undergraduate level ACCT201 Minimum grade of B- and FINC300 and STAT211

**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\2019 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) 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 ACCT306 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**

**2 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 503 - Financial Reporting & Analysis**

# **ACCT 503 - Financial Reporting & Analysis**

**3 Credit Hours**

This course provides an introduction to the concepts of the collection, processing, reporting and analysis of accounting data. Students will be able to read, comprehend and use published financial statements in a variety of decision-making contexts. (This course is only offered in the MBA on-site programs.)

**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 units 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 551 - Managerial Accounting**

# **ACCT 551 - Managerial Accounting**

**3 Credit Hours**

**Prerequisites:** ACCT500

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Accountancy*

## **ACCT 600 - Financial Reporting & Analysis**

# **ACCT 600 - Financial Reporting & Analysis**

**3 Credit Hours**

The study of corporate financial accounting, including financial statement presentation, disclosure, and analysis.

**Prerequisites:** (Graduate level ACCT500 Minimum grade of C or Accounting 500 Financial 500) and (Graduate level ACCT501 Minimum grade of C or Accounting 501 Managerial 501) and (Graduate level FINC500 Minimum grade of C or Finance 500 500)

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Accountancy*

## **ACCT 603 - Managerial Acctg Strategic M&C**

# **ACCT 603 - Managerial Acctg Strategic M&C**

**4 Credit Hours**

This course provides an introduction to product and service costing and the use of accounting information to enhance value across a supply chain. In addition, the role of accounting information in support of management decision making and the evaluation of business units are considered. (This course is only offered in the MBA on-site programs.)

**Prerequisites:** ACCT503

**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 611 - Corp Inc Tax Rpt & Compliance**

# **ACCT 611 - Corp Inc Tax Rpt & Compliance**

**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*

## **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

*Williams College of Business Accountancy*

## **ACCT 750 - Financial Accounting**

# **ACCT 750 - Financial Accounting**

**2 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

**Levels:** Graduate

*Williams College of Business Accountancy*

## **ACCT 751 - Managerial Accounting**

# **ACCT 751 - Managerial Accounting**

**2 Credit Hours**

**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*

**ACCT 803 - Accounting Concepts & Analysis**

# ACCT 803 - Accounting Concepts & Analysis

**(3) Credit Hours**

A foundation course which emphasizes the preparation, analysis, and interpretation of accounting statements.

**Levels:** Graduate

*Williams College of Business Accountancy*

**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*

**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' writings and work. Students are guided in the process of writing formal visual analyses about art as well as personal reflections. Mentoring students' creative initiative, artistic growth and commitment within the department's tracks and for future careers is emphasized.

**Co-requisites:** ARTS101

**Restrictions:** Must be enrolled in one of the following Majors: Art Art

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## 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. Although this is primarily a studio course, 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. This studio course offers an introduction to a variety of media and techniques. 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 the artist's intent and success of idea. Projects focus on line, rhythm, shape & rotation, value, and color. Arts Majors/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 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## ARTS 104 - Printmaking I

# ARTS 104 - Printmaking I

### 3 Credit Hours

An introduction to print media in one of the following areas: relief (i.e., collagraph, woodcut, linoleum cut), lithography (stone and plate), intaglio (etching), monotype, or screenprinting. Emphasis is on technical mastery alongside content development, edition printing, print suites, shop etiquette, and personal growth.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**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

**Course Attributes:** Fine Arts Old/Transition Core

**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, Fine Arts Old/Transition Core

**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, Fine Arts Old/Transition Core

**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 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. An introduction to digital techniques and digital photographic printing will also be covered in this course. The act of seeing and photographic composition will be developed in this class.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## **ARTS 111 - The Art Experience**



# ARTS 111 - The Art Experience

## 3 Credit Hours

An especially designed course to fulfill the university core fine art requirement which gives insight into the visual art experience. For non-Art majors only.

**Restrictions:** May not be enrolled in one of the following Majors: Art Art

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## ARTS 112 - The Aesthetic Experience

# ARTS 112 - The Aesthetic Experience

## 3 Credit Hours

An especially designed course to fulfill the university core fine art requirement which gives insight into the aesthetic experience. For non-art majors only.

**Restrictions:** May not be enrolled in one of the following Majors: Art Art

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**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 Basilica, the Borghese, Capitoline, Doria Pamphilj, and Barberini galleries! Students who are not drawing will be writing visual analyses (kept in a journal) at each site visit. Field visits to other Italian cities such as Florence, Siena and Assisi are included, and other visits are often arranged. Outside course work is assigned for completion upon return to the U.S.A turned in at the start of fall semester.

**Course Attributes:** Fine Arts Old/Transition Core

**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, Fine Arts Old/Transition Core

**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.

**Restrictions:** May not be enrolled in one of the following Majors: Art Art

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## **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: logo, type I & II, poster, 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, and final deliverables. Students begin developing critical thinking skills in order to develop creative solutions to their projects.

**Prerequisites:** Undergraduate level ARTS101 Minimum grade of C- or Graduate level EDMS999

**Course Attributes:** Creative Perspectives

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## **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

*College of Arts & Sciences Art*

## **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

*College of Arts & Sciences Art*

## **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 an area 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- or Graduate level EDMS999

**Restrictions:** Must be enrolled in one of the following Majors: Art Art

**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 the intermediate techniques of photography. Student projects include a range of photographic categories such as: descriptive, explanatory, interpretive, aesthetic, ethical, and theoretical. Emphasis is placed on aspects of design, composition, perception, and content. Some intermediate alternative digital techniques and beginning aspects of studio lighting will be covered.

**Prerequisites:** Undergraduate level ARTS108 Minimum grade of C-

**Course Attributes:** Fine Arts Old/Transition Core

**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, Fine Arts Old/Transition Core

**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 Photoshop and Dreamweaver to conceive, develop, layout, design, and implement their website and related media. Students are expected to have a beginning proficiency in Adobe Photoshop. Although these computer applications will be used extensively, emphasis will be on the design and aesthetic aspects of web design. 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:** Creative Perspectives, Fine Arts Old/Transition Core

**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. Students gain an intermediary understanding of typography, layout, and branding. Projects include: symbol mark, CD, historical poster, brochure, and group collaborative project. This course develops students' 2019 ability to work and collaborate with real clients as it involves local community partners and clients with every project. 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

**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, Fine Arts Old/Transition Core

**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, Fine Arts Old/Transition Core

**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 about 1900 to the present.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, 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 from the colonial period to the present with emphasis on significant styles originating in the 20th century.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, 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 Curriculum Require, Fine Arts Old/Transition Core, 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, Fine Arts Old/Transition Core

**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, Fine Arts Old/Transition Core

**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.

**Prerequisites:** Undergraduate level ARTS271 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Majors: Art Art

**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

*College of Arts & Sciences Art*

## **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

*College of Arts & Sciences Art*

## **ARTS 308 - Photography III**

# ARTS 308 - Photography III

## 3 Credit Hours

Photography III explores aspects of photojournalism and commercial photography as a career. The course is split into two parts during the course of the semester. The first half of the semester offers the opportunity for the students to begin developing skills in the area of photojournalism through hands-on experience in completing both spot news and short- and long-term essay assignments. During the second half of the semester students will explore the use of artificial lighting to create photographic illustrations in a controlled environment.

**Prerequisites:** Undergraduate level ARTS108 Minimum grade of C- and Undergraduate level ARTS208 Minimum grade of C-

**Restrictions:** Must be enrolled in one of the following Majors: Art Art

**Levels:** Undergraduate

*College of Arts & Sciences Art*

## 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

*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 course. Students learn how to design for packaging and 3-dimensional structures. Projects include: wordmark, book cover, experimental packaging, eco-friendly packaging, and restaurant branding. This course develops students' 2019 craftsmanship and 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

**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 leads students through an exploration of the use of the photographic medium for personal expression. Students devise and produce a photographic project that expands on the techniques and processes mastered in previous courses. Many alternative and mixed media techniques will be covered. Pre-requisite: ARTS 108, ARTS 208, and ARTS 308.

**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 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 - Senior Seminar**

# ARTS 441 - Senior 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

**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. The course completes the graphic design sequence with a culminating portfolio project. Projects include: magazine, motion design project, information graphics, and final portfolio. Students are introduced to readings that are both technical and conceptual as they begin to formulate their own creative vision.

**Prerequisites:** Undergraduate level ARTS342 Minimum grade of C-

**Restrictions:** Must be enrolled in one of the following Majors: Art

**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

*College of Arts & Sciences Art*

**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

*College of Arts & Sciences Art*

**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

*College of Arts & Sciences Art*

**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

*College of Arts & Sciences Art*

**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

*College of Arts & Sciences Art*

## 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

**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.

**Co-requisites:** ASLN210

**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

**Co-requisites:** ASLN210

**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

**Co-requisites:** ASLN210

**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

**Co-requisites:** ASLN210

**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 100 - Foundational Behaviors**

# **ATTR 100 - Foundational Behaviors**

### **1 Credit Hours**

This course is designed to introduce athletic training majors to learning strategies and behaviors necessary for academic success.

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 143 - Intro to Athletic Training**

# ATTR 143 - Intro to Athletic Training

## 3 Credit Hours

Overview course including basic components of a comprehensive athletic training career outlining the prevention, recognition and evaluation of athletic injuries. History, philosophy and career opportunities of the profession; emergency procedures; tissue healing; taping procedures; ethical and legal considerations; and the organization and administration of athletic training programs.

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## ATTR 168 - First Aid Safety and CPR

# ATTR 168 - First Aid Safety and CPR

## 3 Credit Hours

This course certifies students through the American Red Cross in both First Aid and CPR for the professional rescuer. This class stresses the basic steps to follow in an emergency situation including assessment, life-threatening emergencies, injuries, medical emergencies, rescues, healthy lifestyles, and disease transmission.

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## ATTR 200 - Clinical Experience I

# ATTR 200 - Clinical Experience I

## 2 Credit Hours

This course includes a lab and a clinical component. Emphasis is on introductory skills, techniques, and training room management. Includes a focus on screening procedures, environmental concerns, protective equipment, fitness testing, record keeping, and acute care of athletic injuries and illnesses. This course allows the athletic training student the opportunity to gain clinical and administrative skills while practically applying current practices, principles, and techniques in athletic training under appropriate supervision in a real-world setting.

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## ATTR 201 - Clinical Experience II

# ATTR 201 - Clinical Experience II

## 2 Credit Hours

This course includes a lab and a clinical component. Emphasis on the skills of taping, padding, and bracing. This course allows the athletic training student the opportunity to gain clinical and administrative skills while practically applying current practices, principles and techniques in athletic training under appropriate supervision in a real-world setting.

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 225 - Medical Terminology**

# **ATTR 225 - Medical Terminology**

### **3 Credit Hours**

This course provides an understanding of medical abbreviations and terms. Includes the study of the elements of medical terms, standard medical abbreviations, spelling and an appreciation of the logical method found in medical terminology. Includes operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 267 - Physiology of Exercise**

# **ATTR 267 - Physiology of Exercise**

### **3 Credit Hours**

Human physiology as it relates to exercise and physical activities. Bioenergetics, muscle physiology, cardiovascular physiology, environmental physiology, ergonomics, special populations, and health fitness.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 300 - Clinical Experience III**

# **ATTR 300 - Clinical Experience III**

### **2 Credit Hours**

This course includes a lab and clinical component. Emphasis is on therapeutic modalities, therapeutic exercise, pharmacological practices and motivational techniques for rehabilitation. This course allows the athletic training student the opportunity to gain clinical and administrative skills while practically applying current practices, principles and techniques in athletic training under appropriate supervision in a real-world setting.

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 301 - Clinical Experience IV**

# **ATTR 301 - Clinical Experience IV**

### **2 Credit Hours**

This course includes a lab and a clinical component. Emphasis is on equipment and advanced skills of taping, padding, and bracing. This course allows the athletic training student the opportunity to gain clinical and administrative skills while practically applying current practices, principles and techniques in athletic training under appropriate supervision in a real-world setting.



**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 320 - International Sports Medicine**

# **ATTR 320 - International Sports Medicine**

### **3 Credit Hours**

This course is designed to introduce athletic training majors to sports medicine from an international perspective. Students will be introduced to international sport culture and will learn how culture influences sports and sports medicine. Students must have a 2.75 GPA.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 343 - Therapeutic Modalities**

# **ATTR 343 - Therapeutic Modalities**

### **3 Credit Hours**

A comprehensive study of therapeutic agents for the treatment of athletic injuries. Emphasis on the indications, contraindications, precautions, and physiological effects of muscle stimulation, ultrasound, cryokinetics, and pharmacology. Student must be an Athletic Training Major or Pre-Physical Therapy Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 344 - Therapeutic Exercise**

# **ATTR 344 - Therapeutic Exercise**

### **3 Credit Hours**

A comprehensive study of the application of manual therapy, neuromuscular re-education, movement and exercise as each relates to the varied and detailed goals of rehabilitation and reconditioning for injured physically active individuals. Emphasis on pathologies and their relationships to therapeutic exercise. Student must be an Athletic Training Major or Pre-Physical Therapy Minor

**Prerequisites:** Undergraduate level EDAT343 Minimum grade of D or Undergraduate level ATTR343 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 345 - Orthopedic Injuries I**

# **ATTR 345 - Orthopedic Injuries I**

**3 Credit Hours**

A comprehensive study of the lower extremity including foot, ankle, knee, thigh, hip, and pelvis with attention to prevention, recognition, and rehabilitation of related injuries.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**ATTR 346 - Orthopedic Injuries II**

# ATTR 346 - Orthopedic Injuries II

**3 Credit Hours**

A comprehensive study of the upper extremity including fingers, hand, wrist, arm and shoulder complex with attention to prevention, recognition and rehabilitation of related injuries.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**ATTR 347 - Orthopedic Injuries III**

# ATTR 347 - Orthopedic Injuries III

**3 Credit Hours**

A comprehensive study of the head, neck, and spine with special attention to prevention, recognition, recognition, and rehabilitation of related injuries.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**ATTR 375 - Field Exp in Athletic Training**

# ATTR 375 - Field Exp in Athletic Training

**1 Credit Hours**

This course allows the athletic training student the opportunity to practically apply current practices, principles, and techniques in athletic training under appropriate supervision in a real-world setting. May be repeated 6 times for course credit.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 386 - Advanced Kinesiology**

# **ATTR 386 - Advanced Kinesiology**

### **2 Credit Hours**

In-depth study designed for Athletic Training majors. Study of human movement including analysis of muscular physiology, biomechanics, principles of physics as applied to joint movement through individual muscular contractions. Emphasis on biomechanical analysis for the prevention and treatment of athletic injuries.

**Prerequisites:** (Undergraduate level BIOL140 Minimum grade of D and Undergraduate level BIOL143 Minimum grade of D)

**Co-requisites:** ATTR387

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 387 - Advanced Kinesiology Lab**

# **ATTR 387 - Advanced Kinesiology Lab**

### **1 Credit Hours**

Laboratory course complementing the course content of ATTR 386.

**Co-requisites:** ATTR386

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 400 - Clinical Experience V**

# **ATTR 400 - Clinical Experience V**

### **2 Credit Hours**

This course includes a lab and a clinical component. Emphasis on general medical issues, nutrition, and training room management. This course allows the athletic training student the opportunity to gain clinical and administrative skills while practically applying current practices, principles and techniques in athletic training under appropriate supervision in a real-world setting.

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 401 - Clinical Experience VI**

# **ATTR 401 - Clinical Experience VI**

**2 Credit Hours**

This course includes a lab and a clinical component. Emphasis on advanced injury assessment techniques, referral, and professional development. This course allows the athletic training student the opportunity to gain clinical and administrative skills while practically applying current practices, principles and techniques in athletic training under appropriate supervision in real-world setting.

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

**ATTR 405 - General Medical Conditions I**

# ATTR 405 - General Medical Conditions I

**3 Credit Hours**

A comprehensive study of the internal organs of the body for screening of internal injuries and general medical conditions in athletic participation. Special attention to prevention, recognition, and treatment of general medical conditions and the referral of life-threatening injuries.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**ATTR 406 - General Medical Conditions II**

# ATTR 406 - General Medical Conditions II

**3 Credit Hours**

Laboratory complementing the course content of ATTR 405.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**ATTR 410 - Athletic Training Org & Admin**

# ATTR 410 - Athletic Training Org & Admin

**3 Credit Hours**

To emphasize the administrative and managerial duties of the athletic trainer. Emphasis on leadership and supervision, human relations, communication, organizational structure and climate, sport law, budget management and equipment purchasing, pre-participation physical examinations, drug testing, and facility and event management.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**ATTR 420 - Research in Athletic Training**

# ATTR 420 - Research in Athletic Training

## **3 Credit Hours**

A course designed to introduce students to the principles of scientific inquiry and research methods. Evaluation of published research and procedures for developing a research design are also emphasized. In addition, students will gain a basic understanding of statistics.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Course Attributes:** Oral Communication Flag, Scientific Perspectives Lab, Scientific Perspectives Lect, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 425 - Nutrition**

# ATTR 425 - Nutrition

## **3 Credit Hours**

Nutrition and its role in human performance. The classes of nutrients, their physiological functions, and their role in sports and fitness. Nutritional supplements and ergogenic doping will also be addressed.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 470 - Independent Study**

# ATTR 470 - Independent Study

## **1 - 3 Credit Hours**

Investigate an area of interest within the area of sports medicine. Student must have advisor's approval.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 480 - Advanced Rehabilitation I**

# ATTR 480 - Advanced Rehabilitation I

## **3 Credit Hours**

Application of therapeutic modalities and rehabilitation techniques for specific injuries to the lower extremity.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 485 - Advanced Rehabilitation II**

# **ATTR 485 - Advanced Rehabilitation II**

### **3 Credit Hours**

Application of therapeutic modalities and rehabilitation techniques for specific injuries to the upper extremity.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **ATTR 492 - Athletic Training: SR Seminar**

# **ATTR 492 - Athletic Training: SR Seminar**

### **3 Credit Hours**

A culminating experience which presents an extensive overview of the entire professional preparation in Athletic Training. Resume writing, job interviewing skills, and graduate school selection are included.

**Restrictions:** Must be enrolled in one of the following Majors: Athletic Training

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **BIOL 100 - Biology: Unity of Life**

# **BIOL 100 - Biology: Unity of Life**

### **2 Credit Hours**

**Levels:** Undergraduate

*College of Arts and Sciences Biology*

## **BIOL 101 - Biology: Unity of Life Lab**

# **BIOL 101 - Biology: Unity of Life Lab**

### **1 Credit Hours**

**Levels:** Undergraduate

*College of Arts and Sciences Biology*

## **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 Psychology May not be enrolled in one of the following Concentrations: Human Occupation Studies

**Course Attributes:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 104 - Life: Biology of Wellness

# BIOL 104 - Life: Biology of Wellness

## 2 Credit Hours

Biological aspects of maintaining human mental and physical wellbeing.

**Course Attributes:** Biology Lect Old/Trans Core

**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.

**Course Attributes:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New 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 Sci Elect Lab New Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**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:** Biology Lect Old/Trans Core, ERS Focus Elective, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**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.

**Course Attributes:** Biology Lect Old/Trans Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

**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:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **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:** Biology Lab Old/Trans Core, Nat Sci Elect Lab New Core

**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.

**Course Attributes:** Biology Lect Old/Trans 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:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New 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.

**Course Attributes:** Biology Lect Old/Trans 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

**Co-requisites:** BIOL136

**Course Attributes:** Biology Lect Old/Trans Core, ERS Focus Elective, Nat Sci Elect Lecture New Core, Peace & Justice Studies Minor

**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:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New Core

**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:** Biology Lab Old/Trans Core, Nat Sci Elect Lab New Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 125 - Life Lab: Investigation I**

# BIOL 125 - Life Lab: Investigation I

## **1 Credit Hours**

Inquiry-based experiments to accompany BIOL 102-120 covering plants, our senses and the brain, evolution, plastics, and genetics. Field trip to Krohn\2019s Conservatory.

**Course Attributes:** Biology Lab Old/Trans Core, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 127 - Life Lab: Investigation II**

# BIOL 127 - Life Lab: Investigation II

## **1 Credit Hours**

Exercises, experiments, and field trips to accompany BIOL 102-120 examining basic nutrition, water pollution, infectious disease, pregnancy & paternity testing. Field trip to the Cincinnati Zoo.

**Course Attributes:** Biology Lab Old/Trans Core, Peace & Justice Studies Minor

**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 Reading Specialist Secondary Education Special Education

**Course Attributes:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New 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 Secondary Education

**Course Attributes:** Biology Lab Old/Trans Core, Nat Sci Elect Lab New 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 Sci Elect Lab New 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 Sci Elect Lab New Core

**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: Biology Natural Sciences

**Course Attributes:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New 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:** Biology Lab Old/Trans Core, Nat Sci Elect Lab New 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: Biology Natural Sciences

**Course Attributes:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New Core

**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.

**Course Attributes:** Biology Lab Old/Trans Core, Nat Sci Elect Lab New Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 160 - General Biology I**

# **BIOL 160 - General Biology I**

### **3 Credit Hours**

Principles of molecular, cellular, and organismal biology, emphasizing the physiology of vertebrates. Introductory course for APBI, BIOL, LSF, NATS, TLSC majors. Preparation for most 200 biology level courses.

**Course Attributes:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New Core

**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.

**Course Attributes:** Biology Lab Old/Trans Core, Nat Sci Elect Lab New Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 162 - General Biology II**

# BIOL 162 - General Biology II

## 3 Credit Hours

Topics in taxonomy, evolution, animal behavior, and ecology. Preparation for most 200 Biology level courses.

**Prerequisites:** Undergraduate level BIOL160 Minimum grade of D or Graduate level EDMS999

**Course Attributes:** Biology Lect Old/Trans Core, Nat Sci Elect Lecture New Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## 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

**Course Attributes:** Biology Lab Old/Trans Core, Nat Sci Elect Lab New Core

**Levels:** Undergraduate

*College of Arts & Sciences Biology*

## BIOL 200 - Microbiology

# BIOL 200 - Microbiology

## 3 Credit Hours

Basic study of microbes, their activities, control, role in disease and host immune responses. Intended for Nursing and Pre-Pharmacy students.

**Course Attributes:** Nat Sci Elect Lecture New Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 201 - Microbiology Lab

# BIOL 201 - Microbiology Lab

## 1 Credit Hours

Microscopic examination of the diversity of microbes, including bacteria, fungi and protists. Students learn their structure and metabolism and how we control their spread.

**Course Attributes:** Nat Sci Elect Lab New Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 204 - Functional Neuroscience**

# **BIOL 204 - Functional Neuroscience**

### **3 Credit Hours**

The structure and function of the nervous system, with investigations of pathological conditions and current topics.

**Restrictions:** Must be enrolled in one of the following Majors: Occupational Therapy

**Levels:** Graduate 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

**Course Attributes:** Nat Sci Elect Lecture New Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 211 - General Botany Lab**

# **BIOL 211 - General Botany Lab**

### **2 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 Sci Elect Lab New 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

**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 Sci Elect Lecture New Core

**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 Sci Elect Lab New 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-

**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:** BIOL120 or BIOL162

**Course Attributes:** Nat Sci Elect Lecture New 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:** BIOL120 or BIOL162

**Co-requisites:** BIOL250

**Course Attributes:** Nat Sci Elect Lab New 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

**Course Attributes:** Biology Lab Old/Trans Core, Biology Lect Old/Trans Core

**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 Crake, 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 Sci Elect Lecture New Core, Peace & Justice Studies Minor

**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 Sci Elect Lab New Core

**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:** BIOL160 and BIOL161 and BIOL162 and BIOL163

**Co-requisites:** BIOL271

**Course Attributes:** Nat Sci Elect Lecture New Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 271 - Introduction To Entomology Lab**

# **BIOL 271 - Introduction To Entomology Lab**

### **2 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:** BIOL160 and BIOL161 and BIOL162 and BIOL163

**Co-requisites:** BIOL270

**Course Attributes:** Nat Sci Elect Lab New 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 - Special Problems in Biology**

# **BIOL 290 - Special Problems in Biology**

### **1 - 4 Credit Hours**

Independent study in some specialized area of biology. Requires permission of Chair.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 330 - Medical Genetics: Implications**

# **BIOL 330 - Medical Genetics: Implications**

**3 Credit Hours**

The principles of human genetics, risks, screening, diagnosis, applications of genetic ethics to problems.

**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 and Undergraduate level BIOL230 Minimum grade of D

**Course Attributes:** ERS Focus Elective

**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 Sci Elect Lecture New Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

**BIOL 355 - Human and Comp Anat Lab**

# BIOL 355 - Human and Comp Anat Lab

**2 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 Sci Elect Lab New 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-

**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

**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-

**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. Pre-requisite: BIOL 160 or BIOL 140

**Prerequisites:** BIOL160 and BIOL161 and BIOL162 and BIOL163

**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

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 410 - Human Physiology**

# **BIOL 410 - Human Physiology**

### **3 Credit Hours**

Selected topics in human physiology, 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- and Undergraduate level BIOL162 Minimum grade of C- and Undergraduate level BIOL163 Minimum grade of C-

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Course Attributes:** Nat Sci Elect Lecture New Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 411 - Human Physiology Lab**

# **BIOL 411 - Human Physiology Lab**

### **2 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:** May not be enrolled as the following Classifications: Sophomore Freshman



**Course Attributes:** Nat Sci Elect Lab New 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

**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 Sci Elect Lecture New 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 Sci Elect Lab New Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## **BIOL 440 - Biochemistry**

# **BIOL 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

**Levels:** Graduate 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 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-) or EDMS999

**Co-requisites:** BIOL451

**Restrictions:** May not be enrolled as the following Classifications: Sophomore Freshman

**Course Attributes:** Nat Sci Elect Lecture New Core

**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 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:** BIOL450

**Course Attributes:** Nat Sci Elect Lab New Core

**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 Sci Elect Lecture New 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 Sci Elect Lab New 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 and Undergraduate level BIOL470 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Biology*

## BIOL 495 - Directed Study

# BIOL 495 - Directed Study

## 1 - 4 Credit Hours

A variety of independent studies, including an internship program with the Cincinnati Zoo, and undergraduate research during junior and senior years.

**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:** BIOL160 and BIOL161 and BIOL162 and BIOL163 and MATH156

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**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:** BIOL160 and BIOL161 and BIOL162 and BIOL163 and CHEM160 and CHEM161 and CHEM162 and CHEM163 and MATH156

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**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.

**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.

**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 Curriculum Require, ERS Focus Elective, Gender & Diversity Studies, Social Science Old/Trans Core

**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 Business Administration*

## **BLAW 620 - Law & Prof Ethics**

# **BLAW 620 - Law & Prof Ethics**

### **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 Business Administration*

## **BLAW 695 - Individual Readings**

# **BLAW 695 - Individual Readings**

### **3 Credit Hours**

**Prerequisites:** BLAW550

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Administration*

## **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 Business Administration*

## **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 Business Administration*

## BUAD 79 - Corporate Governance

# BUAD 79 - Corporate Governance

## 1.5 Credit Hours

**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 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**

**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 Economics*

### **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

**Levels:** Graduate

*Williams College of Business Business Administration*

## **BUAD 605 - Analytics Practicum**

# **BUAD 605 - Analytics Practicum**

### **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

**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 623 - Health Industry Operations

# BUAD 623 - Health Industry Operations

## 3 Credit Hours

This course is an introduction to the application of operations management techniques to the health industry. Topics include: systems theory, waiting lines and queuing theory, quality assurance, project management, facility location and design, health information systems, work design and productivity, forecasting, and simulation. Models of population access and movement through the health care system are emphasized and studied in the context of the complex health industry value chain which includes pharma and biotech firms, insurance companies and equipment manufacturers. Also, the distinctive characteristics of quality assessment, utilization review, and administrative management for each component are discussed. Topics include organization, financial management, operations management, information systems, and quality assessment appropriate for each major health industry component. Students will study the theoretical bases for organizational forms of health industry delivery systems, as well as the overall planning, organization, management, evaluation, quality, and major health policy issues. Through design and application of organizational frameworks for coordination of efforts and optimal delivery system performance, students will assess the effectiveness of alternative operational models for departments, service lines, and functional areas within the health industry.

**Prerequisites:** MGMT601

**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 624 - Strategic Health Indust Ldr

# BUAD 624 - Strategic Health Indust Ldr

**(3) Credit Hours**

This is a capstone course designed to give the student an opportunity to develop leadership and conceptual skills needed by top-level health industry managers. With emphasis given to the integration of subject matter from the foundation business administration courses and the health industry prerequisite courses, students will be exposed to: (1) development of organizational strategy in the health industry, (2) the strategic planning process, (3) formulation of health industry objectives and integrative policy analysis, and (4) the management of change in the health industry. The course enhances the applied analytical and communication skills of students as they investigate important health and health policy issues through political, sociological, financial, managerial, epidemiological, evaluation and ethical lenses. Using Harvard Business case studies and experiential learning, students conduct several analyses and present the results in different professional formats. Through cases and interactions with health industry experts, students will learn to design solutions to ill-defined, multi-faceted problems taken from actual situations. Students will develop and hone specific competencies in the course including: team work and collaboration when analyzing complex processes and methods for identifying key business success factors and strategic alternatives for making timely health industry decisions.

**Prerequisites:** BUAD620 and BUAD621 and BUAD622 and BUAD623

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Administration*

**BUAD 625 - Law and Ethics In the Health Ind**

# BUAD 625 - Law and Ethics In the Health Ind

**3 Credit Hours**

**Prerequisites:** BUAD600

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship and HR*

**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 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

*Williams College of Business Business Administration*

## **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

*Williams College of Business Business Administration*

## **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 and MGMT550 and MKTG550 and BLAW550 and ( MGMT551 or ACCT600) and ACCT601 and FINC600 and ECON600 and INFO600 and MGMT600 and MKTG600 and MGMT601 and BUAD600

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Administration*

## 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 and MGMT550 and MKTG550 and BLAW550 and ( MGMT551 or ACCT600) and ACCT601 and FINC600 and ECON600 and INFO600 and MGMT600 and MKTG600 and MGMT601 and BUAD600

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Business Administration*

## 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:** FINC600 or 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

### 3 Credit Hours

**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 751 - Integrative Project Phase 2

# BUAD 751 - Integrative Project Phase 2

### 2.5 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

**Levels:** Graduate

*Williams College of Business Business Administration*

## **BUAD 752 - Integrative Project Phase 3**

# **BUAD 752 - Integrative Project Phase 3**

### **2.5 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

**Levels:** Graduate

*Williams College of Business Business Administration*

## **BUAD 754 - Integrative Capstone Project**

# **BUAD 754 - Integrative Capstone Project**

### **3.5 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

**Levels:** Graduate

*Williams College of Business Business Administration*

## **BUAD 755 - International Residency**

# BUAD 755 - International Residency

## 6 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

**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

**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 Mgmt, Entrepreneurship & HR*

## 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 Must be enrolled in one of the following Majors: Coaching Educa & Athlete Devel  
Coaching Educ & Athlete Devel

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **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 sports person.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Coaching Educa & Athlete Devel  
Coaching Educ & Athlete Devel

**Levels:** Graduate

*College of Professional Sci Educational Leadership & HRD*

## **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 Must be enrolled in one of the following Majors: Coaching Educa & Athlete Devel  
Coaching Educ & Athlete Devel

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **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 Must be enrolled in one of the following Majors: Coaching Educa & Athlete Devel  
Coaching Educ & Athlete Devel

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **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:** Chem Lect Old/Trans 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:** Chem Lab Old/Trans 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

**Co-requisites:** CHEM105

**Course Attributes:** Chem Lect Old/Trans Core, ERS Focus Elective, Nat Sci Elect Lecture New 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

**Co-requisites:** CHEM104

**Course Attributes:** Chem Lab Old/Trans Core, ERS Focus Elective, Nat Sci Elect Lab New 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

**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

**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:** Chem Lect Old/Trans Core, Nat Sci Elect Lecture New 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:** Chem Lab Old/Trans Core, Nat Sci Elect Lab New 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:** Chem Lect Old/Trans 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:** Chem Lab Old/Trans Core

**Levels:** 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 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**

**2 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

**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 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**

**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**

**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**

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **CHIN 202 - Intermediate Chinese II**

# **CHIN 202 - Intermediate Chinese II**

**3 Credit Hours**

**Prerequisites:** CHIN201

**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 Elect New Core, Social Science Old/Trans 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:** Gender & Diversity Studies, Social Science Elect New Core, Social Science Old/Trans 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.

**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.

**Levels:** Graduate Undergraduate



*College of Professional Sci Criminal Justice*

## **CJUS 215 - Impact of Gambling in Society**

# **CJUS 215 - Impact of Gambling in Society**

### **3 Credit Hours**

This course provides a comprehensive introduction to the history of gambling in the United States and provides a balanced and up-to-date overview of the potential impact on society. Specifically, this course focuses on the history of gambling, the types of legalized gambling, the challenges they pose, and the various reforms and innovations in addressing those challenges. This class requires students to demonstrate an understanding of required reading. The primary objective of this course is to provide a basic understanding of the history of legalized gambling in the United States including the various impacts and research associated with gambling. To accomplish this objective, this class reviews the complexity of a number of issues related to gambling that challenge members of society, as well as government agencies and social service providers. Discussions will be geared to both the potential for positive and negative impacts on the individual and society as a whole.

**Levels:** Graduate Undergraduate

*College of Social Science, Health, and Education 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.

**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.

**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.

**Course Attributes:** Social Science Old/Trans Core

**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 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.

**Course Attributes:** Social Science Old/Trans Core

**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 Curriculum Require, Peace & Justice Studies Minor, Social Science Old/Trans Core

**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 Curriculum Require, Gender & Diversity Studies, GDST Women and Gender Conc, Social Science Old/Trans Core

**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

*College of Professional Sci Criminal Justice*

## **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

*College of Professional Sci Criminal Justice*

## **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

*College of Professional Sci Criminal Justice*

## **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

*College of Professional Sci Criminal Justice*

## **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

*College of Professional Sci Criminal Justice*

## **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**

### **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 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**

**Levels:** Graduate Undergraduate

*College of Professional Sci Criminal Justice*

**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

*College of Professional Sci Criminal Justice*

**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

*College of Professional Sci Criminal Justice*

**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

*College of Professional Sci Criminal Justice*

**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 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 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 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 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 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.

**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 Mediterran Civ I: Gree**

### **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:** History Old/Trans Core, Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **CLAS 102 - Ancient Mediterran Civ II: Rom**

# **CLAS 102 - Ancient Mediterran Civ II: Rom**

### **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:** History Old/Trans Core, 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, History Old/Trans Core, 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.

**Prerequisites:** Undergraduate level CLAS120 Minimum grade of D

**Course Attributes:** History Old/Trans Core, 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:** History Old/Trans Core, 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.

**Prerequisites:** Undergraduate level CLAS160 Minimum grade of D

**Course Attributes:** History Old/Trans Core, Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## 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, History Old/Trans Core, Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## 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.

**Prerequisites:** Undergraduate level CLAS170 Minimum grade of D

**Course Attributes:** History Old/Trans Core, Humanities Elective, Jewish Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

### **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

*College of Arts & Sciences Classics & Modern Languages*

### **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

*College of Arts & Sciences Classics & Modern Languages*

### **CLAS 180 - Jewish Civilization I**

# **CLAS 180 - Jewish Civilization I**

#### **3 Credit Hours**

**Course Attributes:** Jewish Studies Minor

**Levels:** Undergraduate

*College of Arts and Sciences Classics*

### **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.

**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 Curriculum Require, Gender & Diversity Studies, Humanities Elective, Social Science Old/Trans Core, 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:** 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:** Fine Arts Old/Transition Core, 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, Fine Arts Old/Transition Core, 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

## 0 - 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:** Fine Arts Old/Transition Core, 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 Elect New Core, Social Science Old/Trans 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, Social Science Old/Trans 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, Epidaurus, 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 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 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 PPPU & HNAB Honor

**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 Arts*

## **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 Arts*

## **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 Arts*

## **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 Arts*

## 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

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication Arts*

## 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 Arts*

## 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 Arts*

## 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 Arts*

## 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 Arts*

## 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 Arts*

## 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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication Arts*

## 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 Arts*

## 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 Arts*

## 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 Arts*

## 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 Arts*

## 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 Arts*

## 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 Arts*

## 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 Curriculum Require, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication Arts*

## 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 Curriculum Require, ERS Focus Elective, Gender & Diversity Studies, GDST Women and Gender Conc, Peace & Justice Studies

Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication Arts*

## **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 Arts*

## **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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication Arts*

## **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

*College of Arts & Sciences Communication Arts*

## **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

*College of Arts & Sciences Communication Arts*

## 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

*College of Arts & Sciences Communication Arts*

## 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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication Arts*

## COMM 372 - Jr Sem:PR Cases and Planning

# COMM 372 - Jr Sem: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

*College of Arts & Sciences Communication Arts*

## **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."

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication Arts*

## **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 Arts*

## **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 Arts*

## **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 Arts*

## **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 Arts*

## **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 Arts*

## **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

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication Arts*

## **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 Majors: Advertising Communication Studies Electronic Media Organizational Communication Public Relations Must be enrolled in one of the following Classifications: Senior Junior

**Course Attributes:** ERS Focus Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Communication Arts*

## 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 Arts*

## 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 Arts*

## 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 Arts*

**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.

**Restrictions:** Must be enrolled in one of the following Classifications: Freshman

**Course Attributes:** First Year Seminar

**Levels:** Undergraduate

*No College Applicable Department Not Declared*

**COUN 434 - Intro to Rational Behav Ther**

# COUN 434 - Intro to Rational Behav Ther

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Counseling

**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 Must be enrolled in one of the following Majors: Counseling

**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

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun Counseling

**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

## 1 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 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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun Counseling

**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 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 Must be enrolled in one of the following Majors: Clinical Mental Health Counseling

**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 Must be enrolled in one of the following Majors: Counseling

**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 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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun Counseling

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun Counseling

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Counseling

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Counseling

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Counseling

**Levels:** Graduate



*College of Professional Sci Counseling*

## **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 Must be enrolled in one of the following Majors: Clinical Mental Health Counseling

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 639 - Treating Addictions I**

# **COUN 639 - Treating Addictions I**

### **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 Must be enrolled in one of the following Majors: Clinical Mental Health Counseling

**Levels:** Graduate

*College of Professional Sci Counseling*

## **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 Must be enrolled in one of the following Majors: Clinical Mental Health Counseling

**Levels:** Graduate

*College of Professional Sci Counseling*

## **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 Must be enrolled in one of the following Majors: Clinical Mental Health Counseling

**Levels:** Graduate

*College of Professional Sci Counseling*

## **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

*College of Professional Sci Counseling*

## **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

*College of Professional Sci Counseling*

## **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

**Levels:** Graduate

*College of Professional Sci Counseling*

## **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

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun

**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 Must be enrolled in one of the following Majors: Clinical Mental Health Coun

**Levels:** Graduate

*College of Professional Sci Counseling*

## **COUN 767 - Treating Addictions Advanced**

# **COUN 767 - Treating Addictions Advanced**

### **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 CSCI170 Minimum grade of D and Undergraduate level CSCI180 Minimum grade of D

**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 CSCI170 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## 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 D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## **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 MATH180 Minimum grade of D or Undergraduate level MATH225 Minimum grade of D) and Undergraduate level CSCI170 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## **CSCI 260 - Software Engineering**

# **CSCI 260 - Software Engineering**

### **3 Credit Hours**

Software development process; software requirements and specifications; software design and implementation; verification and validation.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## **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 D and Undergraduate level CSCI250 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## **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 D and Undergraduate level CSCI250 Minimum grade of D and Undergraduate level CSCI260 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## 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 D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## 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 CSCI170 Minimum grade of D and Undergraduate level MATH171 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## 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 CSCI210 Minimum grade of D and Undergraduate level CSCI220 Minimum grade of D and (Undergraduate level

MATH180 Minimum grade of D or Undergraduate level MATH225 Minimum grade of D)

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## **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 D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## **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 D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## **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 LISP or other language used for AI programming.

**Prerequisites:** Undergraduate level CSCI220 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## **CSCI 380 - Topics in Computer Science**

# CSCI 380 - Topics in Computer Science

## 1 - 3 Credit Hours

Advanced computer science topics, specified by instructor.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Computer Science*

## 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.

**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

*College of Arts & Sciences Computer Science*

## 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 CSCI170 Minimum grade of D and Undergraduate level CSCI180 Minimum grade of D and Undergraduate level CSCI181 Minimum grade of D and Undergraduate level CSCI210 Minimum grade of D and Undergraduate level CSCI220 Minimum grade of D and Undergraduate level CSCI260 Minimum grade of D and Undergraduate level COMM207 Minimum grade of D

**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 & Theater*

## **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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **DANC 156 - Dance & Movement Advanced Tap**

# **DANC 156 - Dance & Movement Advanced Tap**

### **1 Credit Hours**

Continuation of MUSC 154/155.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **DIFT 104 - Video Production Non EM**

# **DIFT 104 - Video Production Non EM**

### **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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 School of Arts & Innovation*

## **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.

**Course Attributes:** Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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.

**Prerequisites:** COMM206

**Levels:** Graduate Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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 School of Arts & Innovation*

## **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 School of Arts & Innovation*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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 School of Arts & Innovation*

**DIFT 348 - Internship in DIFT I**

## DIFT 348 - Internship in DIFT I

**3 Credit Hours**

**Levels:** Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

**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 School of Arts & Innovation*

**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

*College of Arts & Sciences School of Arts & Innovation*

**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

*College of Arts & Sciences School of Arts & Innovation*

## **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

*College of Arts & Sciences School of Arts & Innovation*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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

*College of Arts & Sciences School of Arts & Innovation*

## **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 School of Arts & Innovation*

## **DIFT 458 - Internship in DIFT II**

# DIFT 458 - Internship in DIFT II

## **3 Credit Hours**

**Levels:** Undergraduate

*College of Arts & Sciences School of Arts & Innovation*

## **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 School of Arts & Innovation*

## **DIFT 460 - Senior Sem in EMED Adv Prod II**

# DIFT 460 - Senior Sem in EMED 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 School of Arts & Innovation*

## **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.

**Course Attributes:** Social Science Elect New Core, Social Science Old/Trans Core

**Levels:** 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 Elect New Core, Social Science Old/Trans 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, Social Science Old/Trans Core

**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

**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

**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:** STAT211 and ( ECON305 or ECON306)

**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, Social Science Old/Trans Core

**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 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 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 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 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 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 MATH150 Minimum grade of D or Undergraduate level MATH170 Minimum grade of D)

**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

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 MATH150 Minimum grade of D or Undergraduate level MATH170 Minimum grade of D)

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 492 - Capstone Experience in ECON I**

# **ECON 492 - Capstone Experience in ECON I**

### **1 Credit Hours**

The primary aim of the course is to use economic theory and data analysis to conduct an original research project. In this course, 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 itself.

**Levels:** Undergraduate

*Williams College of Business Economics*

## **ECON 493 - Capstone Experience in ECON II**

# **ECON 493 - Capstone Experience in ECON II**

### **2 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 with a greater emphasis on writing and presenting one's work. In class, students will learn how to write the capstone paper itself based on the results of capstone research conducted and feedback received in Econ 492. 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

*Williams College of Business Economics*

## **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 MATH150 Minimum grade of D or Undergraduate level MATH170 Minimum grade of D)

**Levels:** Undergraduate

*Williams College of Business Economics*

**ECON 499 - Tutorial Course**

# ECON 499 - Tutorial Course

**2 - 3 Credit Hours**

Special reading and study for advanced students. Approval of department chair and dean required.

**Prerequisites:** Undergraduate level MATH150 Minimum grade of D or Undergraduate level MATH170 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Economics*

**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 or ECON600

**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 or ECON600

**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 and ( ECON600 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:** ( ECON600 or 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:** (ECON600 or ECON550) and STAT500

**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:** ECON600 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 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 or ECON600

**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**

### **2.5 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

**Levels:** Graduate

*Williams College of Business Economics*

## **ECON 751 - International Economics**

# **ECON 751 - International Economics**

### **1.5 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

**Levels:** Graduate

*Williams College of Business Economics*

## **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 Educational Administration*

## **EDAD 543 - Supervision of Instruction**

# EDAD 543 - Supervision of Instruction

## 3 Credit Hours

Study of formative and summative supervision processes with emphasis on accountability and utilizing supervision for individual professional growth. Includes practical application of state mandated instructional policies and processes.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Educational Administration*

## 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 Educational Administration*

## 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 Educational Administration*

## 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 Educational Administration*

## **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 Educational Administration*

## **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 Educational Administration*

## **EDAD 563 - School Bus Affairs & Phys Faci**

# **EDAD 563 - School Bus Affairs & Phys Faci**

### **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 Educational Administration*

## **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 Educational Administration*

## **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 Educational Administration*

## **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 Educational Administration*

## **EDAD 567 - KY Sch Finance and Support Serv**

# **EDAD 567 - KY Sch Finance and Support Serv**

### **3 Credit Hours**

Current issues, financing American elementary and secondary education, revenue sources and expenditures. Kentucky school financing, economic systems and cycles, and the economy and its influence on the schools are topics of the course.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Social Sciences, Health, and Education Educational Leadership and HRD*

## **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 Educational Administration*

## **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 Educational Administration*

## **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 Educational Administration*

## **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 Educational Administration*

## **EDAD 771 - Internship:Principal I**

# **EDAD 771 - Internship:Principal I**

### 3 Credit Hours

This course is the administrative internship that satisfies one of Ohio\2019s 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 75-100 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 Educational Leadership Constituent Council (ELCC) or the Ohio Principal Standard Framework.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Educational Administration*

## EDAD 772 - Internship:Spec-Research I

# EDAD 772 - Internship:Spec-Research 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 Educational Administration*

## 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 Educational Administration*

## 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 Educational Administration*

## EDAD 775 - Internship:Spec-Pupil Svcs I

# EDAD 775 - Internship:Spec-Pupil Svcs I

### 3 Credit Hours

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Educational Administration*

## 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 Educational Administration*

## 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 Educational Administration*

### 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 Educational Administration*

### EDAD 779 - Internship:Superintendency I

## EDAD 779 - Internship:Superintendency I

### 3 Credit Hours

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Educational Administration*

### EDAD 781 - Internship:Principal II

## EDAD 781 - Internship:Principal II

### 3 Credit Hours

This course is the administrative internship that satisfies one of Ohio\2019s 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 75-100 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 Educational Leadership Constituent Council (ELCC) 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 Educational Administration*

## **EDAD 782 - Internship:Spec-Research II**

# **EDAD 782 - Internship:Spec-Research 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 Educational Administration*

## **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 Educational Administration*

## **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 Educational Administration*

### **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 Educational Administration*

### **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 Educational Administration*

### **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 Educational Administration*

### **EDAD 789 - Internship:Superintendency II**

## **EDAD 789 - Internship:Superintendency II**

### **3 Credit Hours**

This course is the internship that satisfies one of Ohio\2019s 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 Educational Administration*

### **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 Educational Leadership & HRD*

### **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 Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

## 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 Educational Leadership & HRD*

## 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 Educational Leadership & HRD*

## 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 Educational Leadership & HRD*

## 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 Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

## **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 Childhood Education & Literacy*

### 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 Childhood Education & Literacy*

### 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 Childhood Education & Literacy*

### 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 Curriculum Require, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

### EDCH 324 - Children's Lit for Early Child

## EDCH 324 - Children's Lit for Early Child

**3 Credit Hours**

Children's literature for early childhood licensure. Study of literary genre to include picture books, poetry, traditional literature, fiction and nonfiction appropriate for language development and curriculum of the emergent reader.

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## EDCH 524 - Children's Lit for Early Child

# EDCH 524 - Children's Lit for Early Child

## 3 Credit Hours

Children's literature for early childhood licensure. Study of literacy genre to include picture books, poetry, traditional literature, fiction and non-fiction appropriate for language development and curriculum of the emergent reader. This course is cross-listed with EDCH 324.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## EDCH 528 - Topics in Children's Lit

# EDCH 528 - Topics in Children's Lit

### 3 Credit Hours

Advanced study in select genres of Children's and Young Adult Literature. During the course of a semester one genre specific topic will be selected as an area of focus. Examples may include: the Art of the Picture Book, Poetry Across the Curriculum, Using Non-Fiction to teach social studies, Folk Literature for Cultural Understanding. Topics will alternate and cycle through a 2 year plan.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education*

## EDEC 210 - Early Childhood Development

# EDEC 210 - Early Childhood Development

### 3 Credit Hours

Specific study of children ages three to eight, developmental differences in young children, growth and health, developmentally appropriate practice in educational settings, assessment practices with young 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 Elect New Core, Social Science Old/Trans Core, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **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

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## EDEC 330 - Math/Science Block-Early Chld

# EDEC 330 - Math/Science Block-Early Chld

### 6 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

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## EDEC 335 - Lang Arts/Social St-Early Chd

# EDEC 335 - Lang Arts/Social St-Early Chd

### 6 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:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **EDEC 450 - Student Teaching:Early Childho**

## **EDEC 450 - Student Teaching:Early Childho**

#### **11 Credit Hours**

Fourteen weeks of supervised full day student teaching under a master teacher. Reflective practice and team teaching. Weekly seminar.

**Prerequisites:** EDEC330 and EDEC335 and EDEL351

**Co-requisites:** EDEC451

**Levels:** Undergraduate

*College of Professional Sci Childhood Education & Literacy*

### **EDEC 451 - Seminar: Current Issues/Early**

## **EDEC 451 - Seminar: Current Issues/Early**

#### **1 Credit Hours**

This seminar will address pertinent issues to teacher licensure, professional development, and career preparation for the early childhood teacher.

**Prerequisites:** EDEC330 and EDEC335 and EDEL351

**Co-requisites:** EDEC450

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **EDEC 454 - EC Cohort Student Teaching**

# **EDEC 454 - EC Cohort Student Teaching**

### **6 Credit Hours**

The student teaching experience in the early childhood education program is one semester in duration, spent in one classroom at the preschool through primary level. Placement site is determined by prior field placements at different grade and demographic settings. Range of placements include pre-school classrooms, kindergarten classrooms, first, second, third, or multi-age classrooms. Settings will include public, private, religious, urban, and suburban schools and centers. Students are placed in settings which have signed agreements with Xavier University for such placements as described above. 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 Childhood Education & Literacy*

## **EDEC 455 - Cohort: Current Issues**

# **EDEC 455 - Cohort: Current Issues**

### **1 Credit Hours**

This seminar style course addresses pertinent issues related to the day to day student teaching experience, professional conduct, teacher licensure and career preparation. Emphasis on NAEYC standards and Ohio Professional Teaching Standards criteria. Majors Only.

**Co-requisites:** EDEC454

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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

**Levels:** Graduate

*College of Professional Sci Childhood Education & Literacy*

## **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.

**Levels:** Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Curriculum Require, EPU, Gender & Diversity Studies

**Levels:** Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **EDEL 351 - Instruct Strat for Engl Lang L**

# **EDEL 351 - Instruct Strat for Engl Lang L**

### **3 Credit Hours**

Candidates learn about second language acquisition, cultural transmissions, legal requirements for serving English Language Learners (Ells), 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 ELLs. A minimum of 10 hours of field work required.

**Levels:** Graduate Undergraduate



*College of Professional Sci Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 tehcniques 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 Childhood Education & Literacy*

## **EDEL 440 - Middle Childhood Trans**

# **EDEL 440 - Middle Childhood Trans**

### **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.

**Prerequisites:** EDEC330 or EDEC335

**Levels:** Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **EDEL 441 - Mathematics: Content**

# **EDEL 441 - Mathematics: Content**

### **2 Credit Hours**

This course prepares classroom teachers with the conceptual knowledge and skills needed to teach 4th and 5th grade mathematics. Ohio Academic Content Standards mathematics content will be examined in context with the National Council of teachers of Mathematics focus on cnotent and pedagogy.

**Prerequisites:** EDEC330

**Levels:** Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **EDEL 442 - Science: Content**

# **EDEL 442 - Science: Content**

### **2 Credit Hours**

This course prepares classroom teachers with early childhood preparation to obtain knowledge and skills necessary for effective science instruction in grades 4 and 5. Course examines the discipline of science as it relates to grades 4 and 5 Ohio Academic Content Standards and the Ohio Science Matrix.

**Prerequisites:** EDEC330 and EDEC335

**Levels:** Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **EDEL 443 - Language Arts: Content**

# **EDEL 443 - Language Arts: Content**

### **2 Credit Hours**

This course provides the early childhood classroom teacher with specific content knowledge for grades 4 and 5 literacy skills in the areas of writing, reading, speaking and listening, as specified by the Ohio Academic Content Standards for English Language Arts.

**Prerequisites:** EDEC330 and EDEC335

**Levels:** Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **EDEL 444 - Social Studies: Content**

# **EDEL 444 - Social Studies: Content**

### **2 Credit Hours**

This course prepares early childhood classroom teachers with knowledge and skills required for effective social studies instruction of students in grades 4 and 5. Emphasis on Ohio Academic Content Standards Social Studies with six Social Studies Benchmarks focused on Ohio, United States and North America.

**Prerequisites:** EDEC330 and EDEC335

**Levels:** Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*



## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## EDEL 610 - Survey in Education

# EDEL 610 - Survey in Education

### 1 - 3 Credit Hours

Independent study under the supervision of a faculty member.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

**EDEL 640 - Middle Childhood Trans**

# EDEL 640 - Middle Childhood Trans

**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 Childhood Education & Literacy*

**EDEL 641 - Mathematics: Content**

# EDEL 641 - Mathematics: Content

**2 Credit Hours**

This course prepares classroom teachers with the conceptual knowledge and skills needed to teach 4th and 5th grade mathematics. Ohio Academic Content Standards mathematics content will be examined in context with the National Council of teachers of Mathematics focus on content and pedagogy.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Childhood Education & Literacy*

**EDEL 642 - Science: Content**

# EDEL 642 - Science: Content

**2 Credit Hours**

This course prepares classroom teachers with early childhood preparation to obtain knowledge and skills necessary for effective science instruction in grades 4 and 5. Course examines the discipline of science as it relates to grades 4 and 5 Ohio Academic Content Standards and the Ohio Science Matrix.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Childhood Education & Literacy*

**EDEL 643 - Language Arts: Content**

# EDEL 643 - Language Arts: Content

## 2 Credit Hours

This course provides the early childhood classroom teacher with specific content knowledge for grades 4 and 5 literacy skills in the areas of writing, reading, speaking and listening, as specified by the Ohio Academic Content Standards for English Language Arts.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Childhood Education & Literacy*

## EDEL 644 - Social Studies: Content

# EDEL 644 - Social Studies: Content

## 2 Credit Hours

This course prepares early childhood classroom teachers with knowledge and skills required for effective social studies instruction of students in grades 4 and 5. Emphasis on Ohio Academic Content Standards Social Studies with six Social Studies Benchmarks focused on Ohio, United States and North America.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## EDEL 651 - Instr Strat For Engl Lang Lear

# EDEL 651 - Instr Strat For Engl Lang Lear

## 3 Credit Hours

Participants of this course will learn about second language acquisition, cultural transmissions, legal requirements for serving English Language Learners (ELLs), 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 ELLs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Childhood Education & Literacy*

## **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\00B7 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 Childhood Education & Literacy*

## **EDEL 653 - Effective Assessment Pract**

# **EDEL 653 - Effective Assessment Pract**

### **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **EDFD 110 - Human Development & Learning**

# **EDFD 110 - Human Development & Learning**

### **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 Elect New Core, Social Science Old/Trans Core

**Levels:** Undergraduate

*College of Professional Sci Educational Leadership & HRD*

## **EDFD 499 - Special Study**

# **EDFD 499 - Special Study**

### **1 - 3 Credit Hours**

Permission of department chair required.

**Levels:** Graduate Undergraduate

*College of Professional Sci Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

**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 Educational Leadership & HRD*

**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 Educational Leadership & HRD*

**EDFD 507 - Educational Research**

## **EDFD 507 - Educational Research**

**2 Credit Hours**

Methodology of educational research. Statistics in research. Locating educational research. Co-requisite: EDFD 508

**Co-requisites:** EDFD508

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Educational Leadership & HRD*

**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 Educational Leadership & HRD*

**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 Educational Leadership & HRD*

**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 Educational Leadership & HRD*

**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 Educational Leadership & HRD*

## 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 Educational Leadership & HRD*

## 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 Educational Leadership & HRD*

## 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 Educational Leadership & HRD*

## 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 Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

## **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 Educational Leadership & HRD*

## **EDHE 288 - Personal & Community Health**

# **EDHE 288 - Personal & Community Health**

### **2 Credit Hours**

Skills needed to meet challenges to health and optimize over-all well-being. Areas of health that emphasize self-empowerment, prevention, and an understanding of the health impact of human diversity and the importance of thinking critically. Developing healthful habits. Active managers of individual health care. Techniques to change behavior. The latest and most accurate health information. Apply critical thinking skills to health information.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDHE 387 - Current Issues & Ethics in H.E**

# **EDHE 387 - Current Issues & Ethics in H.E**

**2 Credit Hours**

Health aspects of human sexuality specific to sexually transmitted diseases, HIV infection, AIDS, and on death, dying, and the bereavement process. Pollution and health. Threatening technological advances to human life. Biomes of the world, and ecological and environmental issues.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**EDHE 461 - Environmental Health**

# EDHE 461 - Environmental Health

**2 Credit Hours**

Various types of pollution, technological advances and their effect on an individual's health and environment.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**EDHE 470 - Independent Study**

# EDHE 470 - Independent Study

**1 - 3 Credit Hours**

Investigate an area of interest within the area of health education. Requires advisor's approval

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**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:** Social Science Old/Trans Core, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

**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:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

**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:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## 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:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## 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:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## EDMC 360 - Middle School Math Strategics

# EDMC 360 - Middle School Math Strategics

## 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 Childhood Education & Literacy*

## **EDMC 455 - Student Teaching: Middle Sch**

# **EDMC 455 - Student Teaching: Middle Sch**

### **11 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 Childhood Education & Literacy*

## **EDMC 456 - Sem: Current Issues in EDMC**

# **EDMC 456 - Sem: Current Issues in EDMC**

### **1 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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **EDME 305 - Kindergarten Methods & Matls I**

# EDME 305 - Kindergarten Methods & Matls I

## 3 Credit Hours

Research child development and classroom practice. Communicate knowledge of child development to parents. Understand how affective development is enhanced by creative arts, and how the arts enrich the curriculum. Literacy development, and language practices in young children. The history of kindergarten, and issues in practice today.

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## EDME 350 - Methods of Observation of Chld

# EDME 350 - Methods of Observation of Chld

## 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 Childhood Education & Literacy*

## 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.

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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

*College of Professional Sci Childhood Education & Literacy*

**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

*College of Professional Sci Childhood Education & Literacy*

**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

*College of Professional Sci Childhood Education & Literacy*

**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

*College of Professional Sci Childhood Education & Literacy*

**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:** Oral Communication Flag

**Levels:** Graduate Undergraduate

*College of Professional Sci Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **EDME 363 - Early Cognitive Development**

# **EDME 363 - Early Cognitive 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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 n 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## EDME 504 - Cognitive Development Overview

# EDME 504 - Cognitive Development Overview

## 0 Credit Hours

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education: Childhood Education and Literacy*

## EDME 511 - Overview of Montessori Ed

# EDME 511 - Overview of Montessori Ed

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## 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 Childhood Education & Literacy*

## **EDME 550 - Methods of Observation of Chil**

# **EDME 550 - Methods of Observation of Chil**

### **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

### 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 Childhood Education & Literacy*

### 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 Childhood Education & Literacy*

### 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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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

**Levels:** Graduate

*College of Professional Sci Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

### EDME 563 - Early Cognitive Development

## EDME 563 - Early Cognitive 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 Childhood Education & Literacy*

### 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 Childhood Education & Literacy*

### 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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 Childhood Education & Literacy*

**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 functional 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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

### **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **EDME 999 - Montessori Environments**

# **EDME 999 - Montessori Environments**

### **5 Credit Hours**

**Levels:** Graduate

*College of Social Sciences, Health and Education Childhood Education and Literacy*

## **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 Secondary & Special 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.

**Levels:** Undergraduate

*College of Professional Sci Secondary & Special 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 Secondary & Special Education*

**EDMS 325 - Meth/Curr/Asmt in Foreign Lang**

## **EDMS 325 - Meth/Curr/Asmt in Foreign 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. Pre-requisite: Permission of the Director of Secondary Education, Oral Proficiency Test.

**Prerequisites:** Undergraduate level EDMS131 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special 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

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special 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

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special 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

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special 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

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special Education*

## EDMS 525 - Meth/Curr/Asmt in Foreign Lang

# EDMS 525 - Meth/Curr/Asmt in Foreign 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

**Levels:** Graduate

*College of Professional Sci Secondary & Special 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

**Levels:** Graduate

*College of Professional Sci Secondary & Special 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

**Levels:** Graduate

*College of Professional Sci Secondary & Special 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

**Levels:** Graduate

*College of Professional Sci Secondary & Special 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

**Levels:** Graduate

*College of Professional Sci Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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,\201D (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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special Education*

## EDPE 238 - Active Games & Contests

# EDPE 238 - Active Games & Contests

## 2 Credit Hours

A wide range of elementary physical education games and contests for the gymnasium, playground, field and classroom. Activities are analyzed with regard to age appropriateness and game structure.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 240 - Elementary Gynastics & Rythmic**

# **EDPE 240 - Elementary Gynastics & Rythmic**

### **2 Credit Hours**

A wide range of elementary physical education games and contests for the gymnasium, playground, field and classroom. Activities are analyzed with regard to age appropriateness and game structure.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 269 - Coaching Golf**

# **EDPE 269 - Coaching Golf**

### **2 Credit Hours**

Playing golf. Golf course operations. Putting, short game, iron play, wood play, and course management. Rules of golf and proper golf etiquette. History of the game, golf and the workplace, coaching, equipment, and organization of outings.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 271 - Intermediate & Adv Gymnastics**

# **EDPE 271 - Intermediate & Adv Gymnastics**

### **2 Credit Hours**

A logical system for presenting gymnastics and tumbling skills performed on the apparatus. Physics or mechanics of physical action. A logical basis for analyzing success or failure of the learner.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 272 - Coaching Football**

# **EDPE 272 - Coaching Football**

### **2 Credit Hours**

A study of the theories, skills, strategies and methods related to coaching football.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 273 - Coaching Basketball**

# **EDPE 273 - Coaching Basketball**

### **2 Credit Hours**

Develop basic basketball coaching skills for youth, junior and high school levels.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 274 - Coaching Baseball**

# **EDPE 274 - Coaching Baseball**

### **2 Credit Hours**

Introduce students to the fundamentals of baseball and coaching. The students will be able to identify these skills and teach them to their players. In addition to the fundamentals of baseball and coaching, the students will also be introduced to strategies employed during the game and in the building of a team and a program.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 275 - Coaching Track & Field**

# **EDPE 275 - Coaching Track & Field**

### **2 Credit Hours**

Study history of track and field and examine philosophies and trends in coaching. To develop knowledge of the various events and the proper organization of track meets.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 277 - Coaching Volleyball**

# **EDPE 277 - Coaching Volleyball**

### **2 Credit Hours**

Introduce students to the game of volleyball in terms of both individual knowledge and techniques of the game and coaching skills at a beginning level.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 278 - Coaching Soccer**

# **EDPE 278 - Coaching Soccer**

### **2 Credit Hours**

An overview of the game of soccer from a coaching perspective. The course will focus on player development, practice organization, match analysis, team preparation, and soccer organizations.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 279 - Teaching Racquet Sports**

# **EDPE 279 - Teaching Racquet Sports**

### **2 Credit Hours**

Introduce students to the fundamentals of racquet sports (tennis, badminton, squash and racquetball).

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 313 - Strength & Conditioning Prog D**

# **EDPE 313 - Strength & Conditioning Prog D**

### **3 Credit Hours**

Organization and administration of individual and sport-specific strength and conditioning programs and weight management.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 342 - Meth in Secondary Phys Ed**

# **EDPE 342 - Meth in Secondary Phys Ed**

### **3 Credit Hours**

Instructional strategies and competencies in teaching secondary physical education. Efficient and effective methods through a variety of class activities.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 384 - Elem Sch Hlth/PE for Class Tea**



# EDPE 384 - Elem Sch Hlth/PE for Class Tea

## 3 Credit Hours

Background information, skills, and activities teachers need to implement comprehensive school health and physical education at various grade levels. The basic information to develop and present a variety of lessons and activities in health and physical education.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## EDPE 385 - Physical Ed in the Elem School

# EDPE 385 - Physical Ed in the Elem School

## 2 Credit Hours

Background information, skills, and activities teachers need to implement comprehensive school health and physical education at various grade levels. The basic information to develop and present a variety of lessons and activities in health and physical education.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## EDPE 386 - Kinesiology

# EDPE 386 - Kinesiology

## 2 Credit Hours

Fundamentals of human motion as it relates to physical education activities and skill performance. Fundamental principles of muscle action, muscle control, and biomechanics pertaining to movement. Co-requisite: EDPE 387

**Co-requisites:** EDPE387

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## EDPE 387 - Kinesiology Lab

# EDPE 387 - Kinesiology Lab

## 1 Credit Hours

Study of fundamentals of human motion as they relate to physical education activities and skill performance. Fundamental principles of muscle action pertaining to movement. Co-requisite: EDPE 386

**Co-requisites:** EDPE386

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 388 - Biomechanics**

# **EDPE 388 - Biomechanics**

### **3 Credit Hours**

An analysis, evaluation and application of mechanical factors influencing a wide range of motor skill movements.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 392 - Sensory Integration & Mov Ed**

# **EDPE 392 - Sensory Integration & Mov Ed**

### **3 Credit Hours**

The physical education teacher and coach recognizing and identifying sensory, motor development, motor learning, and performance processes. Practical application of skill acquisition, use of feedback, and preparations and strategies for designing practice.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 460 - Curriculum in Physical Ed**

# **EDPE 460 - Curriculum in Physical Ed**

### **2 Credit Hours**

Development and understanding of curriculum development. Focus on the social and psychological factors in curriculum development, and on the systematic planning, developing, implementing, evaluating, and improving of curriculum.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 470 - Independent Study**

# **EDPE 470 - Independent Study**

### **1 - 3 Credit Hours**

Investigate an area of interest within the area of sport studies. Requires advisor's approval

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **EDPE 472 - Stu Teach:Phys Ed K-12 & Sem**

# EDPE 472 - Stu Teach:Phys Ed K-12 & Sem

## 9 Credit Hours

Daily laboratory experience in pre-K-12 teaching. Weekly on-campus seminar. A semester under a master teacher.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## EDPE 542 - Methods in Secondary Phys Ed

# EDPE 542 - Methods in Secondary Phys Ed

## 3 Credit Hours

Instructional strategies and competencies in teaching secondary physical education with efficient and effective methods through a variety of class activities.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## EDPE 560 - Curriculum in Physical Ed

# EDPE 560 - Curriculum in Physical Ed

## 3 Credit Hours

The understanding and development of curriculum. Focus on the social and psychological factors to be considered in curriculum development, and on the systematic planning, developing, implementing, evaluating, and improving of curriculum.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## EDPE 569 - Coaching Golf

# EDPE 569 - Coaching Golf

## 3 Credit Hours

Playing golf and how a golf course operates. Putting, short game, iron play, wood play, and course management. The rules of golf and proper golf etiquette. The history of the game; golf and the workplace; coaching; equipment; and organization of outings.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## EDPE 571 - Adv Gymnastics & Tumbling

# EDPE 571 - Adv Gymnastics & Tumbling

### 3 Credit Hours

Techniques and methods are designed and organized for a logical system for presenting gymnastics and tumbling skills performed on the apparatus. Basic physics or mechanics and physical action. Further understanding is required to provide a logical basis for analyzing success or failure of the learner.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## EDPE 572 - Coaching Football

# EDPE 572 - Coaching Football

### 3 Credit Hours

A study of the theories, skills, strategies and methods related to coaching football.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## EDPE 573 - Coaching Basketball

# EDPE 573 - Coaching Basketball

### 3 Credit Hours

Develop basic basketball coaching skills for youth, junior and high school levels.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## EDPE 574 - Coaching Baseball

# EDPE 574 - Coaching Baseball

### 3 Credit Hours

Introduce students to the fundamentals of baseball and coaching. The students will be able to identify these skills and teach them to their players. In addition to the fundamentals of baseball and coaching, the students will also be introduced to strategies employed during the game and in the building of a team and a program.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **EDPE 575 - Coaching Track & Field**

# **EDPE 575 - Coaching Track & Field**

### **3 Credit Hours**

Study history of track and field and examine philosophies and trends in coaching. To develop knowledge of the various events and the proper organization of track meets.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **EDPE 576 - Theory & Principles of Coachin**

# **EDPE 576 - Theory & Principles of Coachin**

### **3 Credit Hours**

The profession of coaching. The roles of a coach in various aspects. The basic knowledge on developing a positive coaching philosophy, applying coaching principles, and using sport management skills in coaching practices effectively.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **EDPE 578 - Coaching Soccer**

# **EDPE 578 - Coaching Soccer**

### **3 Credit Hours**

An overview of the game of soccer from a coaching perspective. The course will focus on player development, practice organization, match analysis, team preparation, and soccer organizations.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **EDPE 581 - Test & Evaluation in Sport/PE**

# EDPE 581 - Test & Evaluation in Sport/PE

## 3 Credit Hours

The fundamental concepts and techniques of test and measurement. The basic statistical tools to treat collected data for the analysis and interpretation of test results.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## EDPE 585 - Trends: Phys ED in Elem School

# EDPE 585 - Trends: Phys ED in Elem School

## 3 Credit Hours

Physical education with an emphasis on past trends, meeting children's needs through games and play, curriculum development, youth sports, and the relationship between physical activity and intellectual growth.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## EDPE 596 - Elem Sch Hlth/PE for Class Tea

# EDPE 596 - Elem Sch Hlth/PE for Class Tea

## 3 Credit Hours

Background information, skills, and activities teachers need to implement comprehensive school health and physical education. The basic information to develop and present a variety of lessons and activities in health and physical education.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## EDPE 640 - Admin of Sch Athletic & Phys E

# EDPE 640 - Admin of Sch Athletic & Phys E

## 3 Credit Hours

The administrative and managerial duties of the physical education teacher, athletic trainer, sport administrator, and coach. Such topics as leadership and supervision, organizational structure and climate, human relations communication, sport law, equipment purchasing, budget management, pre-participation physical examinations, drug testing, and facility and event management will be addressed.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **EDPE 642 - Sensory Integration & Mov Ed**

# **EDPE 642 - Sensory Integration & Mov Ed**

### **3 Credit Hours**

Recognizing and identifying sensory, motor learning, and performance processes. Practical application of skill acquisition, use of feedback, preparations, and strategies for designing practice.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **EDPE 644 - Nutrition**

# **EDPE 644 - Nutrition**

### **3 Credit Hours**

Nutrition and its role in human performance. Classes of nutrients, their physiological functions, and their role in sports and fitness. Nutritional supplements and ergogenic doping.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **EDPE 652 - Leadership in Outdoor Ed**

# **EDPE 652 - Leadership in Outdoor Ed**

### **3 Credit Hours**

Techniques for outdoor education programs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

## **EDPE 653 - Biomechanics**

# **EDPE 653 - Biomechanics**

**3 Credit Hours**

An analysis, evaluation, and application of mechanical factors influencing a wide range of motor skill movements.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

**EDPE 654 - Kinesiology**

## EDPE 654 - Kinesiology

**3 Credit Hours**

Fundamentals of human motion as they relate to physical education activities and skill performance. Fundamental principles of muscle action, muscle control, and biomechanics pertaining to movement.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

**EDPE 667 - Physiology of Exercise**

## EDPE 667 - Physiology of Exercise

**3 Credit Hours**

Human physiology as it relates to exercise and physical activity. Bioenergetics, muscle physiology, cardiovascular physiology, environmental physiology, ergonomics, special populations, and health and fitness.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Sport Studies*

**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 Childhood Education & Literacy*



## 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 Childhood Education & Literacy*

## EDRE 312 - Reading Methods for Early Chld

# EDRE 312 - Reading Methods for Early Chld

### 3 Credit Hours

Developmental process of reading for emergent readers in early childhood. Holistic philosophy as it relates to phonics, phonemic awareness, vocabulary development, fluency, structural analysis, spelling, comprehension, and children's literature. Integration of speaking, listening, reading, and writing strategies across the curriculum. A minimum of 10 hours of field work required.

**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

*College of Professional Sci Childhood Education & Literacy*

## 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

*College of Professional Sci Childhood Education & Literacy*

## 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

*College of Professional Sci Childhood Education & Literacy*

## **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.

**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 Childhood Education & Literacy*

## **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

*College of Professional Sci Childhood Education & Literacy*

## **EDRE 478 - Diagnosis/Correct of Read Disa**

# **EDRE 478 - Diagnosis/Correct of Read Disa**

### **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **EDRE 512 - Reading Methods for Early Chil**

# **EDRE 512 - Reading Methods for Early Chil**

### **3 Credit Hours**

Development process of reading for emergent readers in early childhood. Holistic philosophy as it relates to phonics, phonemic awareness, vocabulary development, fluency, structural analysis, spelling, comprehension, and children's literature. Integration of speaking, listening, reading, and writing strategies across the curriculum. A minimum of 10 hours of field work required. This course is cross-listed with EDRE 312.

**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 Childhood Education & Literacy*

## **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

*College of Professional Sci Childhood Education & Literacy*

## **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

*College of Professional Sci Childhood Education & Literacy*

## **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

*College of Professional Sci Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **EDRE 678 - Diagnosis/Correct of Read Disa**

# **EDRE 678 - Diagnosis/Correct of Read Disa**

### **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## **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 Childhood Education & Literacy*

## 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 possess 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 Childhood Education & Literacy*

## EDSP 116 - Self Marketing

# EDSP 116 - Self Marketing

## (3) Credit Hours

**Levels:** Undergraduate

*Coll of Social Sci Health and Ed 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.

**Course Attributes:** Social Science Old/Trans Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special 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 Secondary & Special Education*

## **EDSP 203 - Sp Ed: Comm & Collaboration**

# **EDSP 203 - Sp Ed: Comm & Collaboration**

### **3 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:** Undergraduate level EDFD110 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special Education*

## **EDSP 374 - Curr Prac:Moderate Disabilitie**

# **EDSP 374 - Curr Prac:Moderate Disabilitie**

### **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-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:** ( EDSP370 and EDSP373) or ( EDSP360 and EDSP364)

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special 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 Secondary & Special 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 Secondary & Special 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

*College of Professional Sci Secondary & Special Education*

## **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

*College of Professional Sci Secondary & Special Education*

## **EDSP 391 - Ecsped Learning Theories**

# **EDSP 391 - 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:** Undergraduate level EDSP205 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special Education*

## **EDSP 392 - ECSPED: Observation & Asmt**

# EDSP 392 - 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, and administer formal and informal performance based assessment for specific sensory/motor, cognitive, and social disabilities; data collection, summarization, information integration and team 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:** Undergraduate level EDSP391 Minimum grade of B

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special Education*

## EDSP 393 - ECSPED: Curriculum Practices

# EDSP 393 - 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; assess develop/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:** EDSP391 and EDSP392

**Levels:** Graduate Undergraduate

*College of Professional Sci Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special Education*

## **EDSP 403 - ECSPED Student Teaching**

# **EDSP 403 - ECSPED 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, completed all coursework, and have permission of the program director.

**Levels:** Undergraduate

*College of Professional Sci Secondary & Special 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 Secondary & Special 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 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.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Secondary & Special 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 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.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Secondary & Special Education*

## EDSP 503 - Sp Ed: Comm & Collaboration

# EDSP 503 - Sp Ed: Comm & Collaboration

### 3 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 Secondary & Special Education*

## 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

*College of Professional Sci Secondary & Special Education*

## **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

*College of Professional Sci Secondary & Special Education*

## **EDSP 521 - Gifted Mini Course 1**

# **EDSP 521 - Gifted Mini Course 1**

### **1 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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

*College of Professional Sci Secondary & Special Education*

## **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

*College of Professional Sci Secondary & Special Education*

## **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

*College of Professional Sci Secondary & Special Education*

## **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

*College of Professional Sci Secondary & Special Education*

## **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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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

*College of Professional Sci Secondary & Special Education*

## **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

*College of Professional Sci Secondary & Special Education*

## **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

*College of Professional Sci Secondary & Special Education*

## **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

*College of Professional Sci Secondary & Special Education*

## 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special Education*

## EDSP 583 - Res Mat & Tech: Gift/Talent

## EDSP 583 - Res Mat & Tech: Gift/Talent

### 3 Credit Hours

Students in this course will have knowledge of and demonstrated skills with special resources materials and technologies for gifted/talented; technology assisted lessons; use technology for planning and managing the teaching and learning environment; independent/research activities; problem solving; critical thinking skills; evaluate learner products and portfolios; create and maintain records; resource materials and technology resources for gifted/talented instructional planning. Lab time required.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Secondary & Special Education*

### 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

*College of Professional Sci Secondary & Special Education*

### 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

*College of Professional Sci Secondary & Special Education*

### 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

*College of Professional Sci Secondary & Special Education*

## **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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 constantly evolve, educators must understand the fundamental political and legal principles 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 Secondary & Special 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 Secondary & Special 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 one 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 Secondary & Special Education*

### **EDSP 619 - SPED: Research Paper**

## **EDSP 619 - SPED: Research Paper**

### **1 Credit Hours**

This 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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 Secondary & Special 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**

**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 wil identify and analyze movements and ideologies that preceded, overlapped and follwed 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 III**

# **EDWS 519 - Child & Adolescent Chronic III**

### **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 - Make & Take K-8 Wrld Mus Instr**

# **EDWS 535 - Make & Take K-8 Wrld Mus Instr**

### **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.

**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 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*

## **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: University Scholar PPPU & HNAB Honor

**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 Curriculum Require, 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 Curriculum Require, 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 205 - Literature & Moral Imagination**

# ENGL 205 - Literature & Moral Imagination

**3 Credit Hours**

Personal and social ethical issues in literature. Honors section required of English majors.

**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 or Graduate level EDMS999

**Course Attributes:** Humanities Elective

**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 or EDMS999

**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 ethnically, 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, Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences English*

## **ENGL 307 - Writing Internship**

# **ENGL 307 - Writing Internship**

### **3 Credit Hours**

This course is designed to facilitate independent study between students and faculty. It may also be used to accredit work performed outside the classroom -- usually in a business setting -- by students.

**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

**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.

**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. Our analysis of narrative-based genres such as memoir, travel writing and nature writing will include examination of the various labels that have been applied to such work in recent years ("creative nonfiction," "literary nonfiction," and "literary journalism"). We will also examine popular journalistic forms such as social commentary, reviews, reflection and feature writing. ENGL 311 is a writing-intensive course; students wishing to enroll should be comfortable with sharing their work with others. Given the focus of the course, students will be encouraged to revise their work for publication. To that end, we will spend a class or two examining the market for popular writing and the process of submitting work to publishers.

**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 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

**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:** 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

**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. Language systems (words, sentence patterns, sounds and their meaning) and language diversity (class, race, gender, ethnicity, region, and institution).

**Course Attributes:** Humanities Elective

**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 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. Works on the syllabus will include poetry, novels, and adolescent (or YA) novels from a variety of historical periods. The goal of the course is to introduce students (especially future teachers) to authors and texts that are especially teachable at the high school and middle school level. Issues considered will include images of women, women's political rights, gender roles, family structure, religion/spirituality, economic rights, as well as literary techniques.

**Prerequisites:** ENGL101 or ENGL115 or EDMS999

**Course Attributes:** Humanities Elective, Literature Old/Trans Core

**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 from this course.

**Course Attributes:** Humanities Elective

**Levels:** Undergraduate

*College of Arts & Sciences English*

## **ENGL 335 - Post-Humanist Literature**

# **ENGL 335 - Post-Humanist Literature**

### **(3) Credit Hours**

This course examines the crisis of humanism through the lens of experimental fiction.

**Course Attributes:** Literature - Univ Core

**Levels:** Graduate, Undergraduate

*College of Arts and 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, Theatre Minor

**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 350 - Modern Jewish Fiction

# ENGL 350 - Modern Jewish Fiction

## 0 - 2 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 studied 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 or EDMS999

**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 or EDMS999

**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:** 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:** 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 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:** 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.

**Prerequisites:** (Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D) or EDMS999

**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 373 - Film Text and Context**

# **ENGL 373 - Film Text and Context**

### **3 Credit Hours**

A contemporary look at film that extends the dialogue beyond the critical evaluations, which devalue genre efforts and the ability of films to entertain. Criticism will focus on the social, cultural, and business factors that shape the films presented to audiences. The various forms of adapted, remade, and updated works will be "read" by students in order to analyze the roots of the final visions on display. Films based on multi-part narratives and independent experiential projects will also feature prominently throughout the semester. First and foremost, the class will challenge students to formulate and express their opinions on the films through papers and debates.

**Levels:** Graduate Undergraduate

*College of Arts and 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 381 - Literature Of Captivity**

# **ENGL 381 - Literature Of Captivity**

### **(3) Credit Hours**

This course explores narratives written during or about captivity, including experiences of incarceration, enslavement, forced immobility and physical or psychological domination.

**Prerequisites:** ENGL101 or ENGL115

**Course Attributes:** Literature - Univ Core

**Levels:** Graduate, Undergraduate

*College of Arts and Sciences English*

## **ENGL 384 - Pop Culture in America**

# **ENGL 384 - Pop Culture in America**

### **3 Credit Hours**

This course examines the impact popular culture - especially as film and music - has had on American life and values in general.

**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 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, Theatre Minor

**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:** Humanities Elective, Theatre Minor

**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 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, 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 Curriculum Require, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective

**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.

**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 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 - Linguistics

# ENGL 520 - Linguistics

### 3 Credit Hours

The socio-synchronic study of language theory and practice. Language systems (words, sentence patterns, sounds and their meaning) and language diversity (class, race, gender, ethnicity, region, and institution).

**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 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 studied 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 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

*College of Arts & Sciences English*

## **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

*College of Arts & Sciences English*

## **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

*College of Arts & Sciences English*

## **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

*College of Arts & Sciences English*

## **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

*College of Arts & Sciences English*

**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

*College of Arts & Sciences English*

**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

*College of Arts & Sciences English*

**ENTR 303 - Co-Op Education/Entrep St: JR**

# ENTR 303 - Co-Op Education/Entrep St: JR

## 3 Credit Hours

An elective cooperative experience where students earn academic credit while performing approved entrepreneurial-related work experience.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## ENTR 305 - Creativity & Innovation

# ENTR 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

**Prerequisites:** MGMT300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## ENTR 311 - New Venture Planning

# ENTR 311 - New Venture Planning

## 3 Credit Hours

Identification and screening of business opportunities; analysis of personal, marketing, financial, and operational factors for start-ups; writing a business plan.

**Prerequisites:** Undergraduate level ACCT200 Minimum grade of D and Undergraduate level MKTG300 Minimum grade of D and (Undergraduate level ENTR305 Minimum grade of D or Undergraduate level MGMT305 Minimum grade of D)

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## 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. 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*



## **ENTR 403 - Co-Op Education/Entrep St: SR**

# **ENTR 403 - Co-Op Education/Entrep St: SR**

### **3 Credit Hours**

An elective cooperative experience where students earn academic credit while performing approved entrepreneurial related work experience.

**Prerequisites:** Undergraduate level MGMT301 Minimum grade of D

**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.

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **ENTR 495 - The Entrepreneurial Exp.**

# **ENTR 495 - The Entrepreneurial Exp.**

### **3 Credit Hours**

Financial, legal, marketing, interpersonal, and organizational issues in owning/operating a small and growing business.

**Prerequisites:** Undergraduate level ENTR305 Minimum grade of D and Undergraduate level ENTR311 Minimum grade of D

**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 or FINC600) and ( MKTG550 or MKTG600) and ( ACCT550 or ACCT600 or ACCT601)

**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 Management & Entrepreneurship*

## **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:** MKTG600 or 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 Management & Entrepreneurship*

## **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 or FINC600) and ( MKTG550 or MKTG600) and ( ACCT550 or ACCT600 or ACCT601)

**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 Management & Entrepreneurship*

## **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 Management & Entrepreneurship*

**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 or MGMT600) and ( MGMT551 or MGMT601) and ( FINC550 or FINC600) and ( MKTG550 or MKTG600) and ( ACCT550 or ACCT600 or ACCT601)

**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 Management & Entrepreneurship*

**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:** ( FINC600 or 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 Management & Entrepreneurship*

**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 or FINC600) and ( MKTG550 or MKTG600) and ( ACCT550 or ACCT600 or ACCT601)

**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 Management & Entrepreneurship*

## **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 or FINC600) and ( MKTG550 or MKTG600) and ( ACCT550 or ACCT600 or ACCT601)

**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 Management & Entrepreneurship*

## **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 or FINC600) and ( MKTG550 or MKTG600) and ( ACCT550 or ACCT600 or ACCT601)

**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 Management & Entrepreneurship*

## **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 or FINC600) and ( MKTG550 or MKTG600) and ( ACCT550 or ACCT600 or ACCT601)

**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 Management & Entrepreneurship*

## **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 Management & Entrepreneurship*

## **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

**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*

## **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 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

*Williams College of Business Finance*

## **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

*Williams College of Business Finance*

## **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

*Williams College of Business Finance*

## 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

*Williams College of Business Finance*

## FINC 485 - Financial Modeling

# FINC 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. Consent of instructor required for non-finance majors.

**Prerequisites:** ( INFO120 or INFO200 or INFO220) and Undergraduate level FINC300 Minimum grade of B-

**Levels:** Undergraduate

*Williams College of Business Finance*

## 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.

Pre-requisite: FINC 350 or ACCT 301, FINC 401 and FINC 365 (one prereq/one coreq) Co-requisite: FINC 401 or FINC 365 (one prereq/one coreq)

**Prerequisites:** ( FINC365 or FINC401) and ( FINC350 or ACCT301)

**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**

**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

*Williams College of Business Finance*

## **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

*Williams College of Business Finance*

## **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

*Williams College of Business Finance*

## **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

*Williams College of Business Finance*

## **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.

**Prerequisites:** FINC600

**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

*Williams College of Business Finance*

## 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

**Levels:** Graduate

*Williams College of Business Finance*

## FINC 751 - Financial Strategy

# FINC 751 - Financial Strategy

### 2 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

**Levels:** Graduate

*Williams College of Business Finance*

## 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

*College of Arts & Sciences Classics & Modern Languages*

## 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 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 Curriculum Require, Gender & Diversity Studies

**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 3003-351.

**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 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

**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 458 - Le Septieme Art: Film as Lit

# FREN 458 - Le Septieme Art: Film as Lit

### 3 Credit Hours

A study of the history, stylistic diversity, and thematic range of French cinema while focusing on the multiple identities and social groups within France and the Francophone world and by making frequent comparisons between literary forms and film.

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Classics and 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 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 Interdisciplinary Studies*

## **GDST 499 - Thesis Direction**

# **GDST 499 - Thesis Direction**

### **2 Credit Hours**

**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 Interdisciplinary Studies*

## **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 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

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 205 - Reflections Of Crime**

# **GERM 205 - Reflections Of Crime**

### **3 Credit Hours**

This course examines how the portrayal of crime in canonical works of German literature not only reflects its time period, but also how these authors raise questions of morality which are still pertinent to contemporary society.

**Course Attributes:** ERS Focus Elective

**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

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **GERM 305 - German Translation I**

# **GERM 305 - German Translation I**

### **3 Credit Hours**

This undergraduate/graduate course provides a comprehensive introduction into the practice of translation from a foreign language text (German) into the native language (English) and vice versa. A comprehensive review of both German and English grammar are necessary to accomplish the goal of providing a translated text that is grammatically correct and an accurate rendition of the original text in the target language. Besides translating business letters and other forms of business correspondence, students are required to practice written and oral translations of articles from newspapers, weeklies, and professional journals, as well as technical, scientific, legal, medical, and business texts. Graduate students will be required to translate texts of a more challenging nature.

Prerequisites: Successful completion of Intermediate German II or placement by placement exam or the program director.

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Classics and Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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 435 - The Classical Period

# GERM 435 - The Classical Period

## 3 Credit Hours

An introduction to the "greats" of German literature (Goethe, Schiller, Kleist) and their contemporaries in other Germanic countries with particular emphasis on the socio-political issues reflected in their works. 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 442 - Maennerliteratur-Frauenliterat**

# **GERM 442 - Maennerliteratur-Frauenliterat**

### **3 Credit Hours**

The literature of men and women writers is traced through the ages and literary styles and modes are compared. 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 470 - The Romantic Period**

# GERM 470 - The Romantic Period

**3 Credit Hours**

An in-depth study of the cultural, historical, political, and economic background of this period, which was romantic in name only, is provided as a basis for understanding the literature of the only literary period to originate on German soil. 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.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & HNAB Honor

**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

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & HNAB Honor

**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

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**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 & HNAB Honor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**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 & HNAB Honor

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**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 & HNAB Honor

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## 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 & HNAB Honor

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## 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 & HNAB Honor

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## 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 & HNAB Honor

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## 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 & HNAB Honor

**Course Attributes:** Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **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 & HNAB Honor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **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 Chrystostom. 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

*College of Arts and Sciences Classics*

## **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 & HNAB Honor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **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 & HNAB Honor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**GREK 399 - HAB Capstone Thesis**

# GREK 399 - HAB Capstone Thesis

**1 - 3 Credit Hours**

Credit and content by arrangement.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

**HESA 101 - Intro To American Health Care**

# HESA 101 - Intro To American Health Care

**3 Credit Hours**

This course is an introduction to the structure, operation and financing of the American 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.

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

**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

*College of Professional Sci Health Services Administration*

**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

*College of Professional Sci Health Services Administration*

## **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

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **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

*College of Professional Sci Health Services Administration*

## **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 or HESA101



**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **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 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 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 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 and HESA101 and HESA110

**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**

### **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:** HESA370 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**

### **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:** HESA371 and HESA101 and HESA110

**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

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **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

**Levels:** Undergraduate

*College of Professional Sci Health Services Administration*

## **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 Inst Serving Aged**

# **HESA 459 - Admin Of Inst Serving 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:** HESA101 and HESA110 and HESA451

**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 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.

**Prerequisites:** Graduate level HESA511 Minimum grade of C or Graduate level PSYC730 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 521 - Quant Methods for H.C. Mgmt

# HESA 521 - Quant Methods for H.C. Mgmt

### **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 - Qual Improve Tech in H.C. Mgmt**

# **HESA 523 - Qual Improve Tech in H.C. Mgmt**

### **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.

**Prerequisites:** Graduate level HESA511 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 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 539 - Informatics for Hlth Industr**

# **HESA 539 - Informatics for Hlth Industr**

### **2 Credit Hours**

**Prerequisites:** HESA529

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci Health Services Administration*

## **HESA 551 - Financial Mgmnt of HC Orgs**

# **HESA 551 - Financial Mgmnt of HC Orgs**

### **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 555 - Capital Acquisition in HC Orgs**

# **HESA 555 - Capital Acquisition in HC Orgs**

### **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.

**Prerequisites:** Graduate level HESA551 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 559 - Project Devt & Mgmnt of HC Org**

# **HESA 559 - Project Devt & Mgmnt of HC Org**

### **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.

**Prerequisites:** (Graduate level HESA551 Minimum grade of C and Graduate level HESA555 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 561 - Clinical Proc for H.C. Adm

# HESA 561 - Clinical Proc for H.C. Adm

### 2 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 Epi in H. C.

# HESA 567 - Applied Epi in H. C.

### 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.

**Prerequisites:** Graduate level HESA521 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 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 575 - Health Economics

# HESA 575 - Health Economics



### **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 579 - Health Policy & Policy Analysis**

# **HESA 579 - Health Policy & Policy Analysis**

### **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.

**Prerequisites:** Graduate level HESA571 Minimum grade of C and Graduate level HESA575 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 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.

**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 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.

**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 599 - Integ Sem in Hlth Svcs Admin.**

# **HESA 599 - Integ Sem in Hlth Svcs Admin.**

### **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.

**Prerequisites:** Graduate level HESA519 Minimum grade of C and Graduate level HESA523 Minimum grade of C and Graduate level HESA559 Minimum grade of C and Graduate level HESA571 Minimum grade of C and Graduate level HESA575 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 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

*College of Professional Sci Health Services Administration*

## **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

*College of Professional Sci Health Services Administration*

## **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

*College of Professional Sci Health Services Administration*

## **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 - Institutn & Community Analysis**

# **HESA 720 - Institutn & Community Analysis**

### **2 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.

**Prerequisites:** Graduate level HESA599 Minimum grade of C and Graduate level HESA581 Minimum grade of C and Graduate level HESA583 Minimum grade of C and Graduate level HESA579 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 730 - Practicum in Executive Devel I**

# HESA 730 - Practicum in Executive Level I

## 2 Credit Hours

Provides students with the opportunity to observe executive role models and to assess and develop their own management philosophies.

**Prerequisites:** Graduate level HESA720 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 750 - Master's Project I

# HESA 750 - Master's Project I

## 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.

**Prerequisites:** Graduate level HESA720 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 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 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.

**Course Attributes:** Historical Perspectives, History Old/Trans Core

**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.

**Course Attributes:** Historical Perspectives, History Old/Trans Core

**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 Curriculum Require, Environ Science/Studies Elect, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Historical Perspectives, History Old/Trans Core, 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 Curriculum Require, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Historical Perspectives, History Old/Trans Core, 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 21<sup>st</sup> century.

**Course Attributes:** Historical Perspectives

**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.

**Course Attributes:** Historical Perspectives, History Old/Trans Core

**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.

**Course Attributes:** Historical Perspectives, History Old/Trans Core

**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 World War I, 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.

**Course Attributes:** History Old/Trans Core

**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.

**Course Attributes:** History Old/Trans Core

**Levels:** Undergraduate

*College of Arts & Sciences History*

## 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 Curriculum Require, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Historical Perspectives, History Old/Trans Core, Latin American Studies Minor, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

## 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, Historical Perspectives, History Old/Trans Core, Latin American Studies Minor, Peace & Justice Studies Minor

**Levels:** Undergraduate

*College of Arts & Sciences History*

## 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:** 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, Historical Perspectives, History Old/Trans Core

**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, Historical Perspectives, History Old/Trans Core

**Levels:** Undergraduate

*College of Arts & Sciences History*

## HIST 183 - Revolutions

# HIST 183 - Revolutions

## 3 Credit Hours

**Course Attributes:** History - Univ Core

**Levels:** Undergraduate

*College of Arts and 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 226 - Terrorism: Comp Case Studies**

# **HIST 226 - Terrorism: Comp Case Studies**

### **(3) Credit Hours**

This course will use American and European subject matter from the late nineteenth century to the present to examine instances of terrorist violence in Russia, the United States and Ireland.

**Levels:** Graduate, Undergraduate

*College of Arts and Sciences History*

## **HIST 231 - Slavery In the Atlantic World**

# **HIST 231 - Slavery In the Atlantic World**

### **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.

**Levels:** Graduate Undergraduate

*College of Arts and 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 242 - Cincinnati Civil Rights Era**

# HIST 242 - Cincinnati Civil Rights Era

## 3 Credit Hours

This course traces the Northern Civil Rights Movement by examining local civil rights activism. The course will include readings on the general history of the Northern Civil Rights Movement as well as primary sources reflecting the local movement. A community engagement component of the course will focus on collecting oral histories from local residents and activists.

**Course Attributes:** Peace Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts and Sciences History*

## HIST 243 - Outdoor America

# HIST 243 - Outdoor America

## 3 Credit Hours

This is a different kind of history course. It is a history of both a physical entity and an idea, of a commodity and a resource, of both sports and leisure. It is the history of the American outdoors, the people who frequented them, the companies that catered to them, the impact both have had, and above all else, the cultivation, development, abuse, and reclamation of the wild by generations of Americans. Among the many subjects we will cover are the history of fishing, hunting, camping, hiking, environmentalism, sports and leisure, gender, and class. We will look at how the development of leisure impacted American history, the many forms of outdoor sport and hobby, and the impact these have on nature. And we will discuss how these subjects intersect mainstream America, including everything ranging from Hemingway's *Old Man and the Sea* to today's gun control debate.

**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 252 - History of the American West

# HIST 252 - History of the American West

## (3) Credit Hours

This course will explore the history of the American West, including the ways in which the West has been mythologized in American culture. It will explore the West not only as a place of adventure and "frontier", but also as a place of conquest, violence, domination, inter-cultural exchange, and community building.

**Levels:** Graduate, Undergraduate

*College of Arts and 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 camping as well as 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 engages students to recognize and embrace the peril and promise of humanity in an age of environmental challenges and opportunities. Students will be expected to bike for 2-5 hours/day and to participate in camp chores, including vegetarian cooking, and setting up camp. Students should have access to a road bike and have ridden 20-30 miles in one day prior to the beginning of the trip (or be willing to do some training prior to the course). An information session will be held on Tuesday, March 5, 4:00pm.

**Levels:** Graduate Undergraduate

*College of Arts and 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 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:** POLI329

**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 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 Years of the Republic: 1763-1789

# HIST 302 - Formative Years of the Republic: 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.

**Levels:** Undergraduate, Graduate

*College of Arts and 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:** GDST Race and Ethnicity Conc, Gender & Diversity Studies, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## HIST 309 - Age of Big Business:1885-1920

# HIST 309 - Age of Big Business:1885-1920

### 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 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

**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 Curriculum Require, 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 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

**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, enviromental 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 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, Zwinglie, 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 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 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 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 385 - History Of The Cold War**

# HIST 385 - History Of The Cold War

## **(3) Credit Hours**

This class will examine the Cold War from two viewpoints- the USSR and the US. The primary emphasis will be to contrast the history of the Cold War by using two texts, one emphasizing the American story and the other emphasizing Soviet actions.

**Levels:** Undergraduate

*College of Arts and 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 (2019) 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:** Humanities Elective

**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 & HNAB Honor 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.

**Co-requisites:** POLI246

**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 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 & HNAB Honor 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 & HNAB Honor University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 415 - SEM: Public History**

# **HIST 415 - SEM: 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 418 - SEM: The War of 1812**

# **HIST 418 - SEM: The War of 1812**

### **3 Credit Hours**

Perhaps the only thing about the War of 1812 that Americans and Canadians can agree upon is that it was complicated. There is no consensus about the war's causes or effects. We don't even know who won, or if it mattered. IN this course, we will try to answer some of these questions. We will consider some of the problems raised by doing so, as well as the role of nationalism in determining what gets remembered and what gets forgotten.

**Levels:** Graduate Undergraduate

*College of Arts and 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 & HNAB Honor 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 responsible 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 & HNAB Honor University Scholar History Major/Minor

**Course Attributes:** Humanities Elective

**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 & HNAB Honor University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 433 - SEM: Saints: Origins to Intern**

# **HIST 433 - SEM: Saints: Origins to Intern**

### **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.

**Levels:** Graduate Undergraduate

*College of Arts and 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 & HNAB Honor 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 & HNAB Honor 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

**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 & HNAB Honor University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 442 - SEM: The English Reformation**

# HIST 442 - SEM: The English Reformation

**(3) Credit Hours**

In this course of the seminar, participants will study the historiography of the reformation in England and the context in which it took place.

**Levels:** Graduate, Undergraduate

*College of Arts and 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 & HNAB Honor University Scholar History Major/Minor

**Course Attributes:** Africana Studies Minor, Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

**HIST 463 - SEM: Cold War US Foreign Pol**

# HIST 463 - SEM: Cold War US Foreign Pol

**3 Credit Hours**

This seminar examining Soviet/US foreign policy from 1945 through the 1990s will be a research seminar in which students will write papers exploring various policy problems ranging from clashes over Berlin, Korea, Cuba, the Middle East, and eastern Europe.

**Levels:** Graduate Undergraduate

*College of Arts and 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 & HNAB Honor 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 & HNAB Honor 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 & HNAB Honor 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 & HNAB Honor University Scholar History Major/Minor

**Course Attributes:** Honors, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences History*

## **HIST 476 - Britain and World War II**

# **HIST 476 - 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 477 - SEM:The British and Their Empire**

# **HIST 477 - SEM:The British and Their Empire**

### **3 Credit Hours**

Why did the British have such an extensive empire in the 19th and early 20th centuries? To what extent did imperial events and ideology influence British politics and society? Did ordinary Britons actually know anything about this empire--much less care about it? These are all questions that British historians have been debating in recent decades, and this course will explore and evaluate the various conclusions that scholars have reached. Readings may include John Mackenzie, *Imperialism and Popular Culture*; Bernard Porter, *The Absent-Minded Imperialists*; David Cannadine, *Ornamentalism*; Andrew Thompson, *The Empire Strike Back?* Students will be expected to complete a 20-page historiographical essay as a final project.

**Course Attributes:** Honors

**Levels:** Graduate Undergraduate

*College of Arts and Sciences History*

## **HIST 479 - SEM: Atlantic Contact Conquest**

# **HIST 479 - SEM: Atlantic Contact Conquest**

**(3) Credit Hours**

The Atlantic world has witnessed and continues to witness encounters and exchanges of people, ideas, goods, cultures, disease, flora and fauna over and across the ocean bordering Europe, Africa and the Americas. It is therefore imperative that we emphasize how these encounters and exchanges have helped shape the world. It helps students to understand the historical underpinnings of the new world order of the modern age through the processes of expansion of economy, political power, culture, population, etc. of western European nations on one hand; and a system of creative and adaptive connections, and interactions among Europeans, Africans and Native Americans along the vast and seemingly endless rim of the Atlantic basin from the fifteenth to the nineteenth century.

**Levels:** Graduate, Undergraduate

*College of Arts and 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**

**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*

**HOCS 301 - Human Occupation Across Lifesp**

# HOCS 301 - Human Occupation Across Lifesp

**3 Credit Hours**

Provides overview of humans as occupational beings. Introduce concepts of doing, being, becoming. Introduction to occupational science and review of occupational performance across developmental trajectory from birth to death. Includes categorical aspects of productive, pleasurable, and restorative occupations at individual and group levels. Introduction to the definition and history of occupational therapy.

**Levels:** Graduate Undergraduate

*College of Professional Sci Occupational Therapy*

**HOCS 303 - Technlgy for Life Participatn**

# HOCS 303 - Technlgy for Life Participatn

**2 Credit Hours**

In-depth instruction in use of multi-media and general technology as teaching-learning and management tools for occupational roles across the lifespan. Students demonstrate competence in basic computer use and software applications for written and oral communication. Includes manipulation of digital pictures and video, database and search engine use, and judging validity of information obtained. Considers impact of technology on society today and ethical ramifications related to use.

**Levels:** Graduate Undergraduate

*College of Professional Sci Occupational Therapy*

**HOCS 321 - Analysis of Occupational Perfo**

# HOCS 321 - Analysis of Occupational Perfo

**3 Credit Hours**

Analysis of occupational performance from human and non-human perspectives. Includes consideration of individual, contextual/environmental and occupational influences on human performance. Introduction of occupation as means vs. occupation as ends, and meaning of objects.

**Prerequisites:** Undergraduate level HOCS301 Minimum grade of C and Undergraduate level HOCS303 Minimum grade of C and Undergraduate level HOCS323 Minimum grade of C and Undergraduate level HOCS411 Minimum grade of C and Undergraduate level HOCS401 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci Occupational Therapy*



## HOCS 323 - OccupatI Justice I:Foundations

# HOCS 323 - OccupatI Justice I:Foundations

### 3 Credit Hours

Overview of occupational participation and barriers at individual, community, and societal levels nationally and internationally. Explores concepts of occupational deprivation, imbalance, adaptation, and occupational justice. Includes discussion of policy related to equalizing rights of people who are occupationally disadvantaged. Includes plan to conduct a service learning project in partial fulfillment of requirements for HOCS 405.

**Prerequisites:** Undergraduate level HOCS301 Minimum grade of C and Undergraduate level HOCS303 Minimum grade of C

**Course Attributes:** Diversity Curriculum Require, ERS Focus Elective, Gender & Diversity Studies, Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Professional Sci Occupational Therapy*

## HOCS 401 - Transformative Nature of Occup

# HOCS 401 - Transformative Nature of Occup

### 3 Credit Hours

Course focus is on development of intrapersonal skills to lay the foundation for interpersonal communication skill development. Includes direct application of principles related to group process and group dynamics. Develops individual and group-related skills needed to be an effective change agent.

**Prerequisites:** Undergraduate level HOCS301 Minimum grade of C and Undergraduate level HOCS303 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci Occupational Therapy*

## HOCS 403 - Creative & Systematic Inquiry

# HOCS 403 - Creative & Systematic Inquiry

### 3 Credit Hours

Overview of systematic inquiry process and introduction to qualitative research, including data collection, analysis, and reporting of findings. Instruction in creative design process.

**Prerequisites:** Undergraduate level HOCS301 Minimum grade of C and Undergraduate level HOCS303 Minimum grade of C and Undergraduate level HOCS323 Minimum grade of C and Undergraduate level HOCS401 Minimum grade of C and Undergraduate level HOCS411 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci Occupational Therapy*

## HOCS 405 - Occupatnl Justice II: Indp Stu

# HOCS 405 - Occupatnl Justice II: Indp Stu

### 3 Credit Hours

Includes completion of service learning project locally or internationally. Discussion and personal reflection continues to build and understanding of role of culture and occupational patterns in the construction of life meaning. In depth study of occupational justice in local or international communities and relationship to global communities. This course has co-requisites of HOCS 401 and HOCS 403 in the Fall and Spring semesters and a co-requisite of SPAN 258 in the Summer semester.

**Prerequisites:** Undergraduate level HOCS301 Minimum grade of C and Undergraduate level HOCS303 Minimum grade of C and Undergraduate level HOCS323 Minimum grade of C and Undergraduate level HOCS411 Minimum grade of C and Undergraduate level HOCS401 Minimum grade of C

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci Occupational Therapy*

## HOCS 411 - Condns Influencing Participn

# HOCS 411 - Condns Influencing Participn

### 3 Credit Hours

Presentation of conditions across the lifespan common to occupational therapy intervention. Includes background information (e.g. etiology, symptoms, progression, prognosis, medical management) as well as impact of condition on occupational performance.

**Prerequisites:** Undergraduate level HOCS301 Minimum grade of C and Undergraduate level HOCS303 Minimum grade of C

**Levels:** Graduate Undergraduate

*College of Professional Sci Occupational Therapy*

## 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*

**INFO 100 - Business Computer Applications**

# INFO 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 Management Information Systems*

**INFO 120 - Introduction to Business Tech**

# INFO 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.

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

**INFO 220 - Mgmt of Info Tech**

# INFO 220 - Mgmt 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.

**Prerequisites:** INFO120

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

**INFO 303 - Internship / Info Syst Jr**

# INFO 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 Management Information Systems*

**INFO 328 - Database Management**

# INFO 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

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

**INFO 329 - Data Mining**

## INFO 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

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## INFO 357 - Telecommunications & Networkin

## INFO 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

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## INFO 358 - Data Modeling and Management

## INFO 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

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## INFO 359 - Hardware & Software Overview

## INFO 359 - Hardware & Software Overview

### 3 Credit Hours

Analysis of the architecture of micro computers, workstations, and small mid-range computers, with emphasis on comparative operating systems and environments.

**Prerequisites:** Undergraduate level INFO200 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 360 - Intro to Application Developmt**

# **INFO 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

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 362 - Adv Application Development**

# **INFO 362 - Adv Application Development**

### **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. Pre-requisite: INFO 360 or equivalent.

**Prerequisites:** Undergraduate level INFO250 Minimum grade of D and Undergraduate level INFO358 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 365 - Business Analytics**

# **INFO 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.

Prerequisites: INFO 200, Previous Excel experience.

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 368 - Intro to Enterprise Systems**

# **INFO 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

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 374 - Intro to Web Site Development**

# **INFO 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

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 378 - E-Business**

# **INFO 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

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 389 - Business Intelligence**

# **INFO 389 - Business Intelligence**

### **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

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 403 - Internship / Info Syst Sr**

# **INFO 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 Management Information Systems*

## **INFO 420 - Info Systems In Global Context**

# **INFO 420 - Info Systems In Global Context**

### **3 Credit Hours**

This course focuses on social implications of information systems from global perspectives. This course primarily examines economic and organizational dimensions, work life, electronic communities, privacy, safety, ethics and professionalism.

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 450 - Systems Analysis and Design**

# **INFO 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. Pre-requisite: FINC 300, MGMT 300, MKTG 300 or equivalent or permission of instructor

**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

*Williams College of Business Management Information Systems*

## **INFO 490 - Contemp Issues in Info Systems**

# **INFO 490 - Contemp Issues in Info Systems**

### **3 Credit Hours**

Current issues, developments and future trends in the advancement of information systems in business. Pre-requisite: Junior/Senior status or permission of instructor.

**Restrictions:** Must be enrolled in one of the following Classifications: Senior Junior

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 495 - System Development Project**

# **INFO 495 - System Development Project**

### **3 Credit Hours**

This capstone course is a direct follow-up to INFO 450 in which student teams will apply skills and techniques from other INFO and business courses for the purpose of implementing and delivering a computerized business information system.

**Prerequisites:** Undergraduate level INFO450 Minimum grade of D

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 499 - Tutorial Course**

# **INFO 499 - Tutorial Course**

### **1 - 3 Credit Hours**

Research in scholarly journals on information systems.

**Levels:** Undergraduate

*Williams College of Business Management Information Systems*

## **INFO 550 - Business Information Systems**

# **INFO 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 Management Information Systems*

## INFO 628 - Digital Enterprise

# INFO 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 Management Information Systems*

## INFO 650 - Managing the Network Economy

# INFO 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 Levels: Graduate Must be enrolled in one of the following Degrees: Master of Business Admin

**Levels:** Graduate

*Williams College of Business Management Information Systems*

## INFO 655 - Business Intelligence

# INFO 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. Pre-requisite: INFO 600 or equivalent

**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 Management Information Systems*

## INFO 674 - Database Management

# INFO 674 - Database Management

### 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

**Levels:** Graduate

*Williams College of Business Management Information Systems*

## **INFO 680 - Intro Data Mining for Managers**

# **INFO 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. Pre-requisite: STAT 500 or equivalent

**Prerequisites:** STAT500 or Statistics 500 500 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 Management Information Systems*

## **INFO 695 - Topics In MIS Individual Read**

# **INFO 695 - Topics In MIS Individual Read**

### **1 - 3 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Management Information Systems*

## **INFO 750 - Strategic Info Tech**

# **INFO 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 Management Information Systems*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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 kanji. Emphasizes the acquisition of high-frequency vocabulary and practical conversation.

**Levels:** Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **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*

## **LART 495 - BLA Capstone**

# **LART 495 - BLA Capstone**

### **3 Credit Hours**

The BLA Capstone course provides an opportunity for students to examine the interrelatedness of humanities, social sciences, and natural sciences around a topic related to their chosen course of study through the use of a video presentation, the facilitation of discussion questions, and a written paper. Students must have completed the ERS core requirements and at least 20 hours of the required 38 hours of upper division coursework.

**Restrictions:** Must be assigned one of the following Student Attributes: Weekend Degree Program Adult Day/Evening Student

**Levels:** Undergraduate

*College of Arts & Sciences CAPS Office*

## **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 111

**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

**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 & HNAB Honor

**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.

**Restrictions:** Must be assigned one of the following Student Attributes: University Scholar PPPU & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**Course Attributes:** 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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 & HNAB Honor

**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 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 & HNAB Honor

**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 & HNAB Honor

**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 802 - Information Mgmnt and Eval**

# **LEAD 802 - Information Mgmnt and Eval**

### **3 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## **LEAD 820 - Leadership Theory**

# **LEAD 820 - Leadership Theory**

### **3 Credit Hours**

The world is changing at an accelerated rate and along with it the expectations of leaders. Leadership effectiveness demands high-level ability to work with others and respond to change. Similarly, the complexity of social issues we face demand leaders who are able to create a vision and organize others for collective efforts to address human and community needs. This course examines the process of leadership, delineating the leader's responsibility within that process. From historical to current leadership theories, leadership research, leadership principles and theoretical concepts are addressed. Focus is on "real world" and present day application and the implications to organizations and to leaders. This course examines the development of leadership theories and approaches and their role in organizations today. This course also examines the differences between management and leadership and why those differences are important to the health of organizations. The course assumes that every individual has leadership potential and that leadership qualities can be developed through experience and reflection. Through class activities we will create opportunities for practice, application, and documentation of leadership experiences. Success in this course



requires demonstrated mastery of theoretical concepts, capacity for collaborative work and the thoughtful reflection upon and integration of theory and experience. The class will utilize lecture, discussion, small group interaction, exercises, and self-assessment instruments.

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## LEAD 821 - Change Theory

# LEAD 821 - Change Theory

### 3 Credit Hours

According to Bernard Bass, transformation leadership occurs when a leader transforms, or changes, his or her followers in three important ways that together result in followers trusting the leader, performing behaviors that contribute to the achievement of organizational goals, and being motivated to perform at a high level. From Bernard Bass in *Leadership and Performance Beyond Expectations* (New York: Free Press, 1985)

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## LEAD 822 - Organizational Theory

# LEAD 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 Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## LEAD 823 - Leadership Seminar

# LEAD 823 - Leadership Seminar

### 3 Credit Hours

The world is changing at an accelerated rate and along with it the expectations of leaders. Leadership effectiveness demands high-level ability to work with others and respond to change. Similarly, the complexity of social issues we face demand leaders who are able to create a vision and organize others for collective efforts to address human and community needs. 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 Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## **LEAD 824 - Ethical Foundations of Ldrshp**

# **LEAD 824 - Ethical Foundations of Ldrshp**

### **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 Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## **LEAD 825 - Statistical Methods**

# **LEAD 825 - Statistical Methods**

### **3 Credit Hours**

Introductory course in basic statistics recommended as the first course for doctoral students with no previous course work in statistics or who have had some work in statistics but feel the need for a "refresher". 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 chisquare. The emphasis is on the proper application of these statistical techniques. However, some principles of research design (sampling, types of research designs) will be covered.

**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 Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## **LEAD 826 - Advanced Statistics**

# **LEAD 826 - Advanced Statistics**

### **3 Credit Hours**

**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 Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## **LEAD 827 - Qualitative Methodology**

# **LEAD 827 - Qualitative Methodology**

### **3 Credit Hours**

This course is designed to provide opportunities for developing specific qualitative research skills while gaining familiarity with theories, issues, benefits, and limitations of qualitative research. 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. Qualitative research will be read to analyze what we know about aspects of education, how we know it, and models of theories and methods for future research. Frequent field exercises will be assigned to develop qualitative research skills and best practices. 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 Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## **LEAD 828 - Data Analysis and Research**

# **LEAD 828 - Data Analysis and Research**

**3 Credit Hours**

**Prerequisites:** LEAD825 and LEAD826

**Restrictions:** Must be enrolled in one of the following Majors: Leadership Studies

**Levels:** Graduate

*College of Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## **LEAD 829 - Educ/Psych Meas and Inst Design**

# **LEAD 829 - Educ/Psych Meas and Inst Design**

**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. This course will also facilitate the instrument development process and will aid students in their dissertation research as well as future research projects.

**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 Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## **LEAD 830 - Dissertation Design**

# **LEAD 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. It includes (1) being discerning consumers of multiple sources of information about educational learning organizations, communities, and societies; (2) searching existing knowledge bases; (3) designing, conducting, and reporting research to address problems of practice using quantitative, qualitative, and action research methodologies; and (4) developing proposals for dissertations. Prerequisites: Academic and experiential background in the basics of educational research, statistics, quantitative, and qualitative methods (EDFD825-829).

**Prerequisites:** LEAD825 and LEAD826 and LEAD827 and LEAD828 and LEAD829

**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 Social Science, Health, and Education School of Education: Educational Leadership and Human Resource Development*

## **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 served 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 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 511 - Introduction to Taxation

# MACC 511 - Introduction to Taxation

**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 515 - Nonprofit & Governmental Acct**

## **MACC 515 - Nonprofit & Governmental Acct**

**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 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 542 - Auditing Concepts & Practices**

## **MACC 542 - Auditing Concepts & Practices**

**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 603 - Accounting Internship**

## **MACC 603 - Accounting Internship**

**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 611 - Corp Income Tax Rep & Compl**

# **MACC 611 - Corp Income Tax Rep & Compl**

**3 Credit Hours**

This course introduces students to issues related to federal income tax planning and compliance, and financial reporting under Generally Accepted Accounting Principles for business entities taxed as C-corporations.

**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**

**Levels:** Graduate

*Williams College of Business Accountancy*

## **MACC 622 - Fraud Examination**

# **MACC 622 - Fraud Examination**

**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 625 - Cur Topics In Acct Practice**

# **MACC 625 - Cur Topics In Acct Practice**

**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 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 690 - Corporate Governance**

# **MACC 690 - Corporate Governance**

### **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 695 - Indiv Readings & Research**

# **MACC 695 - Indiv Readings & Research**

### **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 697 - Special Topics in Acct II**

# **MACC 697 - Special Topics in Acct II**

### **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*

## **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*

## 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 School of Arts & Innovation*

## 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 School of Arts & Innovation*

## 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

**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

**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

**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

**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 201 - Foundations of Arith. -ECED**

# **MATH 201 - Foundations of Arith. -ECED**

### **3 Credit Hours**

Concepts necessary for understanding the structure of arithmetic and its algorithms (with whole numbers, integers, fractions and decimals), number patterns, and introductory probability and statistics.

**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 202 - Geometry & Measurement -ECED**

# **MATH 202 - Geometry & Measurement -ECED**

### **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, and coordinate geometry. 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 Must be enrolled in one of the following Majors: Early Childhood Education Elementary Education Montessori Education Special Education

**Course Attributes:** Mathematical Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 211 - Foundations of Arith. - MCED**

# **MATH 211 - Foundations of Arith. - MCED**

### **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 - Geom & Measurement MCED**

# **MATH 212 - Geom & Measurement MCED**

### **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. Prerequisite: MATH 211, MATH 212, MATH 213.

**Course Attributes:** Mathematical Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Mathematics*

## **MATH 220 - Calculus III**

# **MATH 220 - Calculus III**

### **4 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

**Course Attributes:** Mathematical Perspectives

**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

**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:** Undergraduate level MATH171 Minimum grade of D

**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:** MATH171

**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 Graduate level EDMS999

**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:** MATH256 or 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, Vigenere, 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:** CSCI170 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 MATH230 Minimum grade of D or Graduate level EDMS999

**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, combinational 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**

# 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 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

**Course Attributes:** Social Science Old/Trans Core

**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.

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 302 - Quality & Product in Operation**

# **MGMT 302 - Quality & Product in Operation**

### **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) and ( MATH156 or STAT210)

**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.

**Prerequisites:** Undergraduate level MGMT300 Minimum grade of D

**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:** Undergraduate level MGMT300 Minimum grade of D

**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 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:** Undergraduate level MGMT300 Minimum grade of D

**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.

**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:** Undergraduate level MGMT300 Minimum grade of D and Undergraduate level ECON300 Minimum grade of D

**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:** MGMT302

**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:** Undergraduate level MGMT302 Minimum grade of D and Undergraduate level MGMT300 Minimum grade of D

**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 - Strategic Management**

# **MGMT 495 - Strategic Management**

### **3 Credit Hours**

This course creates a process which enables students to develop the ability to integrate business function courses, such as marketing, finance, accounting, economics, and management. Via lectures, case studies, group projects and individual assignments, students learn and design strategies for sustainable competitive advantage for all types of organizations in various stages of growth in domestic and foreign markets.

**Prerequisites:** (Undergraduate level ACCT200 Minimum grade of D and Undergraduate level MKTG300 Minimum grade of D and Undergraduate level MGMT300 Minimum grade of D) and (Undergraduate level ENTR305 Minimum grade of D and Undergraduate level ENTR311 Minimum grade of D) or (Undergraduate level MGMT309 Minimum grade of D and Undergraduate level MGMT385 Minimum grade of D)

**Restrictions:** Must be enrolled in one of the following Majors: Entrepreneurial Studies Human Resources Management 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 551 - Operational Analysis**

# **MGMT 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.

**Prerequisites:** STAT500 or Statistics 500 500

**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

## 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

*Williams College of Business Management*

## 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

*Williams College of Business Management*

## 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\2019s 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

*Williams College of Business Mgmt, Entrepreneurship & HR*

## MGMT 621 - Strategies For Sustainability

# MGMT 621 - Strategies For Sustainability

## 3 Credit Hours

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **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

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **MGMT 633 - Global Supply Chain Mgmt**

# **MGMT 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.

**Prerequisites:** MGMT551 or MGMT601

**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 Management*

## **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 or MGMT600) and ( MGMT551 or MGMT601) and ( FINC550 or FINC600) and ( MKTG550 or MKTG600) and ( ACCT550 or ACCT600 or ACCT601)

**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 Management*

## **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 or MGMT600) and ( MGMT551 or MGMT601)

**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 Management*

## **MGMT 646 - Performance Assessment**

# **MGMT 646 - Performance Assessment**

### **3 Credit Hours**

Examines theory of performance assessment in organizations, 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. Perceptions of fairness and ethical/moral issues are also covered.

**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 Management*

## **MGMT 647 - Change Management**

# **MGMT 647 - Change Management**

### **3 Credit Hours**

This course examines when to change, what to change, and how to change. We will study 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 or MGMT600) and ( MGMT551 or MGMT601)

**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 Management*

## **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 or MGMT600) and ( MGMT551 or MGMT601)

**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 Management*

## **MGMT 655 - Business Game and Simulation**

# **MGMT 655 - Business Game and Simulation**

### **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

**Levels:** Graduate

*Williams College of Business Management*

## **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 Management*

## **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 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

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **MGMT 751 - Leading Organizations Macro**

## **MGMT 751 - Leading Organizations Macro**

### **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 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

**Levels:** Graduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

### **MGMT 752 - Operations: Supply Chain Mgmt**

## **MGMT 752 - Operations: Supply Chain Mgmt**

### **3.5 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.

**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 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 902 - Interpersonal Skills**

# **MGMT 902 - Interpersonal Skills**

### **(2) Credit Hours**

Developing interpersonal skills, including self-assessment, listening, business writing, oral communications, interviewing, and small group meeting proficiency.

**Levels:** Graduate

*Williams College of Business Management and Entrepreneurship*

## **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. Six weeks of paid summer ROTC training at Fort Knox, Kentucky. Course graduates are eligible to enter the ROTC advance course and earn two year scholarships..

**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 the Leader Development and Assessment Course. 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 the Leadership Development and 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 399 - Leader Development Assessment

# MILS 399 - Leader Development Assessment

## 4 Credit Hours

This training is conducted at Fort Lewis, Washington 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.

**Course Attributes:** Social Science Old/Trans Core

**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 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 320 - International Marketing**

# **MKTG 320 - International Marketing**

### **3 Credit Hours**

Conditions peculiar to international marketing of goods and services and their effects on marketing strategy.

**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, \00BFplace\00BF (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

**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 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

**Course Attributes:** Social Science Old/Trans Core

**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 402 - Advanced Marketing Research**

# **MKTG 402 - Advanced Marketing Research**

**(3) Credit Hours**

This course will provide an opportunity for students to both learn current marketing research techniques and apply them into actionable insights in a simulated setting. Students will have a rare opportunity for experiences under guidance from The Nielsen Company.

**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. Student must have completed: FINC 300 and nine hours of upper division marketing courses.

**Prerequisites:** Undergraduate level FINC300 Minimum grade of D

**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 605 - Applied Multivariate Analysis**

# **MKTG 605 - Applied Multivariate Analysis**

### **3 Credit Hours**

**Prerequisites:** MKTG602

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**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:** MKTG600 or 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**

The course covers the scope, challenges and strategies of global marketing management. It addresses global issues and provides concepts relevant to all international marketers. It is designed to provide a foundation for the understanding of global marketing management by investigating the economic, political, competitive and social factors which impact managerial marketing mix decisions.

**Prerequisites:** MKTG550 or MKTG600

**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:** MKTG600 or 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:** MKTG600 or 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:** MKTG600 or 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 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:** MKTG600 or 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 662 - Pricing**

# **MKTG 662 - Pricing**

### **3 Credit Hours**

The course content assumes you have developed a more than basic understanding of marketing and business concepts. The course is designed in a cumulative fashion, meaning that you must consider each topic in the context of the topics that preceded it.

**Prerequisites:** ECON640

**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 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:** MKTG600 or 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:** MKTG600 or 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 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:** MKTG600 or 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:** MKTG600 or 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:** MKTG600 or 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:** MKTG600 or 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 Must be enrolled in one of the following Degrees: Master of Business Admin

**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 Foundations

# MKTG 750 - Marketing Foundations

## 2 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

**Levels:** Graduate

*Williams College of Business Marketing*

## MKTG 751 - Marketing Strategy

# MKTG 751 - Marketing Strategy

## 2 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

*Williams College of Business Marketing*

## **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

**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

*College of Professional Sci Occupational Therapy*

## 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

*College of Professional Sci Occupational Therapy*

## **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

*College of Professional Sci Occupational Therapy*

## **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

*College of Professional Sci Occupational Therapy*

## **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

*College of Professional Sci Occupational Therapy*

## 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

*College of Professional Sci Occupational Therapy*

## 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*

## **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 Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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 (and controversial) developments in popular music since the emergence of rock n\2019 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 Anglo-American rappers and Hip-Hop\2019s international status and influence. Besides surveying rap artists, albums, and songs, we will also study often controversial issues such as the representation of gender and sexuality in lyrics and videos, racial identity, urban gang culture, intersections between rap and politics, and Hip-Hop\2019s representation in media outlets such as mainstream news, MTV, and BET.

**Course Attributes:** Cultural Diversity - Univ Core, Fine Arts - Univ Core

**Levels:** Undergraduate

*College of Arts and Sciences Music*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## MUSC 108 - Music Love and Death

# MUSC 108 - Music Love and Death

## 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:** ERS Focus Elective, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core, Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

**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, Fine Arts Old/Transition Core, Gender & Diversity Studies

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

**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, Fine Arts Old/Transition Core, Gender & Diversity Studies, GDST Women and Gender Conc

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

**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 \201Csound\201D), 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 Curriculum Require, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## MUSC 119 - The Art of Noise

# MUSC 119 - The Art of Noise

### (3) Credit Hours

A manifesto of Futurism, *The Art of Noises* (1913) advocated a new music for the noisy urban landscape, one focused on sound itself and created with technology. This course presents a foundation for listening and fundamental music appreciation while examining some key musical developments of the 20th and 21st centuries. Special emphasis is given to the relationships between "high art" music and popular music, specifically the styles on the fringe of each category. Topics include serialism, minimalism, aleatory, musique concrete, microtonal music, bebop jazz, performance art, punk, hip-hop, electronica and mash-up DJ. Students will be required to participate in class projects and attend an off campus performance. Additionally, we will explore digital society's effect on the changing business model of the music industry today. No prior musical experience is necessary.

**Course Attributes:** Fine Arts - Univ Core

**Levels:** Undergraduate

*College of Arts and Sciences Music*

## MUSC 120 - Behind the Music

# MUSC 120 - Behind the Music

### 3 Credit Hours

This course will use famous successes and failures in the music industry (such as Vanilla Ice, John Mayer, Madonna, and James Brown) as case studies to explore entrepreneurial aspects of working in the music business. The course will also teach students how to manage finances, self-promotion, and other logistics of being a professional musician.

**Course Attributes:** Fine Arts - Univ Core

**Levels:** Undergraduate

*College of Arts and Sciences Music*

## 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 & Theater*

## **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 & Theater*

## **MUSC 123 - Music, Politics and Rebellion**

# MUSC 123 - Music, Politics and Rebellion

## **3 Credit Hours**

Music's power to influence our emotions has long been recognized. It is because of this extraordinary power that it has throughout the ages inspired religious piety and fervor; wartime patriotism; youthful rebellion; and political discontent. This course will examine music and its function in various political contexts from Antiquity through the present day. Such topics we will cover include: music and political ethos in Ancient Greece; music in the medieval Roman Catholic church; the employment of musicians at courts in Early Modern Europe; music and nationalism in nineteenth-century Germany and Italy; music as political propaganda during war; songs of the civil rights and women's movements; the advent of punk out of working-class discontents; the political implications of hip hop, Riot Grrl, and folk; Live Aid concerts; the adoption of theme music by modern political campaigns; and individual artists who have used their public platforms to promote social causes.

**Course Attributes:** Fine Arts - Univ Core, Peace Studies Minor

**Levels:** Undergraduate

*College of Arts and Sciences Music and Theater*

## **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 & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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 & Theater*

## **MUSC 150 - Class Piano**

# **MUSC 150 - Class Piano**

### **1 Credit Hours**

Group instruction in basic piano techniques.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 151 - Class Voice**

# **MUSC 151 - Class Voice**

### **1 Credit Hours**

Group instruction in the basic techniques of voice production.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 152 - Class Guitar**

# **MUSC 152 - Class Guitar**

### **1 Credit Hours**

Group instruction in the basic guitar techniques.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 153 - Stretch Class**

# **MUSC 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 & Theater*

## **MUSC 154 - Dance & Movement - Bgnr Tap**

# **MUSC 154 - Dance & Movement - Bgnr 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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 155 - Dance & Movement - Bgnr Jazz**

# **MUSC 155 - Dance & Movement - Bgnr 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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 156 - Dance & Movement - Adv Tap**

# **MUSC 156 - Dance & Movement - Adv Tap**

### **1 Credit Hours**

Continuation of MUSC 154/155.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 157 - Dance & Movement - Adv Jazz**

# **MUSC 157 - Dance & Movement - Adv Jazz**

### **1 Credit Hours**

A continuation of MUSC 154/155.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 158 - Ballet I**

# **MUSC 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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 159 - Ballet II**

# **MUSC 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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 160 - Ballet Intermediate/Advanced**

# **MUSC 160 - Ballet Intermediate/Advanced**

### **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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 162 - Dance Sport**

# **MUSC 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 163 - World Fusion Dance**

# **MUSC 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 166 - Modern Dance**

# **MUSC 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 170 - Beginning Ballroom Dance**

# **MUSC 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 171 - Beginning Ballroom Dance II**

# **MUSC 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 172 - Advanced Ballroom Dance**

# **MUSC 172 - Advanced 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.

**Prerequisites:** MUSC170

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 173 - Adv Ball Dance Rhythm & Latin**

# **MUSC 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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 200 - Music Theory I**

# **MUSC 200 - Music Theory I**

### **3 Credit Hours**

Study of elements of musical organization; four-part harmonization and analysis.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

**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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

**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

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

**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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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 & Theater*

## **MUSC 222 - The Harlem Renaissance**

# **MUSC 222 - The Harlem Renaissance**

### **3 Credit Hours**

The years between 1919 and 1929 define the period known as the Harlem Renaissance. An exploration of the multifaceted interaction between the period's musical, historical, literary, and visual arts reveals the significance of this cultural movement in establishing a proper respect for values of the African-American race.

**Course Attributes:** Africana Studies Minor, Gender and Diversity Studies Min

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Music and Theater*

## **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 & Theater*

## **MUSC 250 - Private Lesson: Alex Tech**

# **MUSC 250 - Private Lesson: Alex 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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

**MUSC 262 - Xavier University Gospel Choir**

# MUSC 262 - Xavier University Gospel Choir

**1 Credit Hours**

**Course Attributes:** Fine Arts - Univ Core

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Music*

**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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

**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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

**MUSC 266 - Chamber Winds**



## MUSC 266 - Chamber Winds

### 1 Credit Hours

A select ensemble consisting of wind, brass, and percussion. Through the study and performance of original works from the 15th to the late 20th century, students will learn ensemble and chamber music skills.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### MUSC 269 - Chamber Music Ensemble

## MUSC 269 - Chamber Music Ensemble

### 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## 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 preform at all assigned games.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 277 - Piano Ensemble**

# **MUSC 277 - Piano Ensemble**

### **1 Credit Hours**

Piano Ensemble is an academic course of study designed to advance technical and interpretive skills and to artistically perform ensemble compositions of all styles and periods. Public performance is required.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 278 - Private Lesson: Composition**

# **MUSC 278 - Private Lesson: Composition**

### **.5 - 1 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 279 - Independent Study**

# **MUSC 279 - Independent Study**

### **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 280 - Private Lesson: Piano**

## MUSC 280 - Private Lesson: Piano

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### **MUSC 281 - Private Lesson: Organ**

## MUSC 281 - Private Lesson: Organ

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### **MUSC 282 - Private Lesson: Voice**

## MUSC 282 - Private Lesson: Voice

### **.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, Fine Arts Old/Transition Core, Musical Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### **MUSC 283 - Private Lesson: Guitar**

## MUSC 283 - Private Lesson: Guitar

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### **MUSC 284 - Private Lesson: Violin**

## **MUSC 284 - Private Lesson: Violin**

#### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

### **MUSC 286 - Private Lesson: Cello**

## **MUSC 286 - Private Lesson: Cello**

#### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 287 - Private Lesson: Double Bass**

# **MUSC 287 - Private Lesson: Double Bass**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 288 - Private Lesson: Flute**

# **MUSC 288 - Private Lesson: Flute**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 289 - Private Lesson: Oboe**

# **MUSC 289 - Private Lesson: Oboe**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 290 - Private Lesson: Clarinet**

# **MUSC 290 - Private Lesson: Clarinet**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 291 - Private Lesson: Saxophone**

# **MUSC 291 - Private Lesson: Saxophone**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 292 - Private Lesson: Bassoon**

# **MUSC 292 - Private Lesson: Bassoon**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 293 - Private Lesson: French Horn**

# **MUSC 293 - Private Lesson: French Horn**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 294 - Private Lesson: Trumpet**

# **MUSC 294 - Private Lesson: Trumpet**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 295 - Private Lesson: Trombone**

# **MUSC 295 - Private Lesson: Trombone**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 296 - Private Lesson: Tuba**

# **MUSC 296 - Private Lesson: Tuba**

### **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 297 - Private Lesson: Percussion**



# MUSC 297 - Private Lesson: Percussion

## **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 298 - Private Lesson: Jazz Guitar/Vo**

# MUSC 298 - Private Lesson: Jazz Guitar/Vo

## **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 299 - Private Lesson: Harp**

# MUSC 299 - Private Lesson: Harp

## **.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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 304 - Producing Electronic Music I**

# MUSC 304 - Producing Electronic Music I

## 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## 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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 312 - Conducting I**

# **MUSC 312 - Conducting I**

### **3 Credit Hours**

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 319 - Music & Movemt for Classrm Tea**

# **MUSC 319 - 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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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 & Theater*

## **MUSC 340 - Opera Workshop**

# **MUSC 340 - Opera Workshop**

### **1 - 3 Credit Hours**

An introduction to operatic performance including body movement, vocal and dramatic projection, audition procedures, and the musical and dramatic preparation and performance of operatic repertoire. Permission of instructor required.

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, Musical Theatre Minor, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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, Fine Arts Old/Transition Core, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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 & Theater*

## **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 & Theater*

## **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 & Theater*

## **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

*College of Arts & Sciences Music & Theater*

## **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

*College of Arts & Sciences Music & Theater*

## **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

*College of Arts & Sciences Music & Theater*

## **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

*College of Arts & Sciences Music & Theater*

## **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.

**Prerequisites:** Undergraduate level MUSC302 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **MUSC 401 - Orchestration Arranging**

# MUSC 401 - Orchestration Arranging

## **3 Credit Hours**

The technique of scoring for orchestra, band, and diverse instrumental ensembles.

**Prerequisites:** Undergraduate level MUSC302 Minimum grade of D

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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 & Theater*

## **MUSC 422 - Advanced Conducting I**

# MUSC 422 - Advanced Conducting I

## **(3) Credit Hours**

A more advanced and in-depth study of MUSC 420.

**Prerequisites:** Undergraduate level MUSC420 Minimum grade of D

**Levels:** Graduate, Undergraduate

*College of Arts and Sciences Music*

## **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:** MUSC420

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*



## **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 & Theater*

## **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 & Theater*

## **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 & Theater*

## **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 130 - Ways of Knowing**

# **NURS 130 - Ways of Knowing**

### **3 Credit Hours**

Introduces the student to nursing as a profession. 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, ethical/legal rights and responsibilities, and the discipline of holistic nursing practice. Curricular concepts introduced include transition, critical thinking, communication, and nurse as an instrument of healing.

**Restrictions:** Must be enrolled in one of the following Majors: Nursing Nursing

**Course Attributes:** Oral Communication Flag

**Levels:** Undergraduate

*College of Professional Sci School of Nursing*

## **NURS 132 - Health and Culture I**

# **NURS 132 - Health and Culture I**

### **3 Credit Hours**

Focus on culture and cultural diversity and care as it relates to the universal properties of transition and its relationship to health. The impact of culture on health and magico-religious traditions are explored related to health-wellness-disease-illness and the psychophysiology of body, mind, spiritual healing.

**Course Attributes:** Africana Studies Minor, Diversity Curriculum Require, EPU, Gender & Diversity Studies

**Levels:** Undergraduate

*College of Professional Sci School of Nursing*

## **NURS 224 - Nurs Therapeutics I: Asmt**

# **NURS 224 - Nurs Therapeutics I: Asmt**

### **4 Credit Hours**

Introduction of theoretical frameworks for the holistic assessment of clients experiencing developmental transitions. Major components for holistic assessment including physical, psychological, and spiritual development across the life span are discussed. 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. 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. The use of complementary/alternative therapies is introduced. 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 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 Professional Sci School of Nursing*

## **NURS 225 - Nurs Therapeutics I:Practicum**

# **NURS 225 - Nurs Therapeutics I:Practicum**

### **2 Credit Hours**

Introduction of methods of holistic health assessment for clients across the life span. Emphasis is on health assessment, therapeutic communication skills, relationships, the nursing process and self assessment. Laboratory and beginning field experiences will be provided. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** Undergraduate level NURS132 Minimum grade of C

**Co-requisites:** NURS224

**Restrictions:** Must be enrolled in one of the following Majors: Nursing

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Nursing*

## **NURS 230 - Nurs Theapeutics II**

# **NURS 230 - Nurs Theapeutics II**

### **4 Credit Hours**

An analysis of holistic nursing therapeutics 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 holistic therapeutics is emphasized. The importance of empowered decision making in selecting appropriate therapeutics to achieve and manage outcomes is discussed. Student must have minimum 2.7 cumulative GPA.

**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 Professional Sci School of Nursing*

## **NURS 231 - Nurs Therapeutics II Practicum**

# **NURS 231 - Nurs Therapeutics II Practicum**

### **2 Credit Hours**

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, and therapeutic communication. Student must have minimum 2.7 cumulative GPA.

**Prerequisites:** Undergraduate level NURS224 Minimum grade of C and Undergraduate level NURS225 Minimum grade of C

**Co-requisites:** NURS230, NURS364

**Levels:** Graduate Undergraduate

*College of Professional Sci School of 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.

**Course Attributes:** Writing Flag Core

**Levels:** Graduate Undergraduate

*College of Professional Sci School of 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 Professional Sci School of 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:** EPU, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci School of 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 Professional Sci School of Nursing*

## **NURS 360 - Adults in Transitions**

# **NURS 360 - Adults in Transitions**

### **4 Credit Hours**

Focus 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.

**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:** NURS361

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Nursing*

## **NURS 361 - Adult in Transitions Practicum**

# **NURS 361 - Adult in Transitions Practicum**

### **4 Credit Hours**

Application of promotive, preventive, and interventive holistic nursing therapeutics 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 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.

**Co-requisites:** NURS360

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Nursing*

## **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

*College of Professional Sci School of Nursing*

## **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)

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Nursing*

## **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 Professional Sci School of 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

**Levels:** Graduate Undergraduate

*College of Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of Nursing*

## NURS 451 - Mental Health Nursing Pract

# NURS 451 - Mental Health Nursing Pract

## 1 Credit Hours

Application of promotive, preventive, and interventive holistic nursing therapeutics in adults experiencing mental health \2013illness 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 optimum mental health outcomes for adults. Student must have minimum 2.7 cumulative GPA.

**Co-requisites:** NURS450

**Levels:** Graduate Undergraduate

*College of Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of Nursing*

## **NURS 470 - Community Health Nursing**

# **NURS 470 - Community Health Nursing**

### **3 Credit Hours**

Focus on communities experiencing common transitions. Community as a client is emphasized. Assessment, planning, intervention, and evaluation of holistic nursing therapeutics appropriate to community outcomes are discussed. The nature of ethical problems, care of the environment and the role of holistic nursing in health care reform 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:** NURS471

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Nursing*

## **NURS 471 - Community Health Nursing Pract**

# **NURS 471 - Community Health Nursing 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:** 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:** NURS470

**Levels:** Graduate Undergraduate

*College of Professional Sci School of 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 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. 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 and NURS450 and NURS451 and NURS470 and NURS471

**Co-requisites:** NURS473

**Levels:** Graduate Undergraduate

*College of Professional Sci School of Nursing*

## **NURS 473 - Care of Complex Client Practic**

# **NURS 473 - Care of Complex Client Practic**

### **4 Credit Hours**

This course provides experiences enabling the student to participate in the care of the complex client. Management and coordination of care in various health care settings is emphasized. Holistic assessment, intervention, and evaluation are emphasized. The opportunity to practice as a holistic nurse by honoring a client's journey through truly knowing, partnering, and being present with that client. 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 NURS373 Minimum grade of C

**Co-requisites:** NURS472

**Levels:** Graduate Undergraduate

*College of Professional Sci School of 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.

**Course Attributes:** Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci School of 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 Professional Sci School of Nursing*

## **NURS 496 - Professional Development II**

# **NURS 496 - Professional Development II**

### **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 Professional Sci School of Nursing*

## **NURS 498 - Senior Seminar**

# **NURS 498 - Senior Seminar**

### **3 Credit Hours**

Taken in the final semester, 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. Students will write a scholarly paper. A seminar course to be taken in the last semester 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

**Levels:** Graduate Undergraduate

*College of Professional Sci School of 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\2019s 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 Professional Sci School of 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 Professional Sci School of 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\2019s 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 Professional Sci School of Nursing*

## **NURS 505 - Health Care Informatics**

# **NURS 505 - Health Care Informatics**

### **3 Credit Hours**

Healthcare informatics is a graduate level course designed to facilitate the acquisition of knowledge essential for a healthcare systems that is increasingly technology based. This increased skill and knowledge includes learning new strategies, processes, and behaviors required for a success in career paths both as graduate students and masters prepared nurse clinician, administrator, educator and/or researcher. This course is designed to ensure that each student can demonstrate competencies, in basic computer, information management as well managing and utilizing healthcare data in decision-making. However, the major focus in this course will be directed toward the management of information to improve outcomes of health care.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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 Professional Sci School of 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 of cultural diversity, leadership, holistic nursing and organizational behavior. Curricular concepts introduced include transition, critical thinking, and communication (written and oral) and nurse as an instrument of healing.

**Co-requisites:** NURS502, NURS553, NURS554

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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 promote, prevent or maintain healthy life styles with adults experiencing transitions in diverse populations are analyzed for appropriateness to achieve and manage 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.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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 promotion, prevention, and/or maintenance of healthy life styles. Opportunities are provided for the development of competency with nursing therapeutics and communication as demonstrated in a community education program or health fair. Emphasis is on the development of critical thinking through the use of the nursing process, self assessment, and therapeutic communication.

**Co-requisites:** NURS502, NURS550, NURS554

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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.

**Co-requisites:** NURS502, NURS550, NURS553

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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 Professional Sci School of 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 in caring for diverse clients across the life span. Principles of leadership, risk assessment, resource management and utilization of data to improve care are discussed. The role of the nurse in providing health counseling and education to guide clients in making informed choices for health care is discussed. Providing culturally competent spiritual care for diverse clients is addressed.

**Prerequisites:** Graduate level NURS550 Minimum grade of C

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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:** Graduate level NURS501 Minimum grade of C and Graduate level NURS502 Minimum grade of C and Graduate level NURS550 Minimum grade of C and Graduate level NURS553 Minimum grade of C and Graduate level NURS554 Minimum grade of C

**Co-requisites:** NURS563

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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:** Graduate level NURS501 Minimum grade of C and Graduate level NURS502 Minimum grade of C and Graduate level NURS550 Minimum grade of C and Graduate level NURS552 Minimum grade of C and Graduate level NURS553 Minimum grade of C and Graduate level NURS554 Minimum grade of C

**Co-requisites:** NURS562

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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:** Graduate level NURS552 Minimum grade of C and Graduate level NURS553 Minimum grade of C

**Co-requisites:** NURS565

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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. Holistic strategies that are promotive, preventive and interventive 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. 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.

**Prerequisites:** Graduate level NURS552 Minimum grade of C and Graduate level NURS553 Minimum grade of C

**Co-requisites:** NURS564

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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 NURS556 and NURS854

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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 Professional Sci School of Nursing*

## **NURS 611 - Med-Lgl Rsrch, Writing & Presn**

# **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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of Nursing*

## **NURS 642 - Psycho/Social/Legal Forensics**

# **NURS 642 - Psycho/Social/Legal Forensics**

### **2 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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, psychologic, cultural, social/family, spiritual and quality of life impact due to illness. Chronic illness models of care are studied along with end of life care with symptom management. Emphasis is on preservation of physiologic 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.

**Prerequisites:** Graduate level NURS564 Minimum grade of C

**Co-requisites:** NURS651

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Nurse Leader Forensics Healthcare Law Nursing Administration Nursing Education Nursing School Health Nurse

**Levels:** Graduate

*College of Professional Sci School of 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 comprehensive health history and perform health assessment for individuals from diverse heritages across the lifespan and experience in recording and communicating a comprehensive health history. Students participate in the care of complex clients and manage and coordinate culturally competent client/family care in various health care settings. . 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. Utilizes evidence-based practice to select the best practice.

**Prerequisites:** Graduate level NURS565 Minimum grade of C

**Co-requisites:** NURS650

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Nurse Leader Forensics Healthcare Law Nursing Administration Nursing Education Nursing School Health Nurse

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## NURS 652 - Art & Sci of Psych Nursing

# NURS 652 - Art & Sci of Psych Nursing

### 2 Credit Hours

This course focuses on the holistic assessment, planning and treatment of clients with acute mental illnesses in hospital settings and chronic mental illnesses in community settings. Knowledge, skills and abilities to provide high quality services and high-performance transformational leadership in public mental health that lead to consistency of services across settings for diverse populations is emphasized. Best mental health practice based on rigorous scientific evidence, formal consensus by a group of experts and quantitative and qualitative research evidence are examined.

**Prerequisites:** Graduate level NURS562 Minimum grade of C

**Co-requisites:** NURS653

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Nurse Leader Forensics Healthcare Law Nursing Administration Nursing Education Nursing School Health Nurse

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## NURS 653 - Art & Sci of Psych Nurs Pract

# NURS 653 - Art & Sci of Psych Nurs Pract

### 1 Credit Hours

Assess holistic mental health care in a variety of settings providing mental health care in the public sector to determine consistency of care, access to and availability of care. Assess clients/families mental health to plan and provide culturally competent care. Evidence-Based Practices salient to persons recovering from mental illness will be stressed during the students' 2019 practicum experiences. Students spend 18 hours of practicum weekly for 4 weeks.

**Prerequisites:** Graduate level NURS563 Minimum grade of C

**Co-requisites:** NURS652

**Restrictions:** Must be enrolled in one of the following Levels: Graduate Must be enrolled in one of the following Majors: Clinical Nurse Leader Forensics Healthcare Law Nursing Administration Nursing Education Nursing School Health Nurse

**Levels:** Graduate

*College of Professional Sci School of 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 advanced practice nurse in 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. Emphasis is on pharmacotherapeutics and cultural/ethnic considerations. This course uses an evidence-based framework to exemplify pharmacotherapeutics and professional nursing practice.

**Prerequisites:** Graduate level NURS560 Minimum grade of C

**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 Professional Sci School of Nursing*

## **NURS 656 - Advanced Pathophysiology**

# **NURS 656 - Advanced Pathophysiology**

### **2 Credit Hours**

Emphasis is on pathophysiology 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 care with respect of the uniqueness of the person.

**Prerequisites:** Graduate level NURS554 Minimum grade of C

**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 Professional Sci School of Nursing*

## **NURS 658 - Clinical Pharmacology**

# **NURS 658 - 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

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## **NURS 660 - Adult Learner in Healthcare Or**

# **NURS 660 - Adult Learner in Healthcare Or**

### **3 Credit Hours**

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 care.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of Nursing*

## **NURS 670 - Roles of the Nurse Educator**

# **NURS 670 - Roles of the Nurse Educator**

### **3 Credit Hours**

This course provides the student with necessary information needed to pursue the holistic nurse educator role. After completion of this course the student will be able to function as either nursing faculty or corporate/staff educators. Major areas of responsibility for both the nursing faculty member as well as the corporate/staff educator will be explored. These include the need to pursue service, teaching in both clinical and didactic and scholarship. Other areas of responsibility that will be covered include curriculum development, mentoring, advisement, methods to evaluate students, development of institutional policies and procedures, preparation of a budget for pertinent educational endeavors, marketing of offerings, application for continuing education and maintenance of necessary records. The planning, development, and evaluation of educational offerings will also be presented.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## **NURS 680 - Adv Pathophysiology for RN**

# **NURS 680 - Adv Pathophysiology for RN**

### **3 Credit Hours**

Emphasis is on pathophysiology 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 care.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## **NURS 690 - Healthcare Policy-Nurse Leader**

# **NURS 690 - Healthcare Policy-Nurse Leader**

### **2 Credit Hours**

This course provides an overview of processes and issues in health care formulation in the private sector, and at local, state, and federal levels. Consideration will be given to selected issues in nursing and health care as they influence health policy within socio-cultural, economic, political, ethical, and historical context. Attention is given to the role of advance practice nurses in policy decisions in the public and private sectors with the intentionality of improving health care delivery.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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 Professional Sci School of Nursing*

## **NURS 703 - Graduate Nursing Practicum I**

# **NURS 703 - Graduate Nursing Practicum I**

### **1 - 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of 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

*College of Professional Sci School of Nursing*

## **NURS 750 - Nursing Perspectives III**

# **NURS 750 - Nursing Perspectives III**

### **3 Credit Hours**

This course focuses on the application of the Clinical Nurse Leader role in caring for diverse populations. Principles of leadership, risk assessment, resource management and utilization of data to improve the health of populations are discussed. Principles for disease prevention and health promotion will be applied. Healthy populations are defined from a holistic perspective.

**Prerequisites:** Graduate level NURS650 Minimum grade of B

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## **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.

**Co-requisites:** NURS753

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## **NURS 753 - Com/Pub Hlth Nurs Practicum**

# **NURS 753 - Com/Pub Hlth Nurs Practicum**

### **2 Credit Hours**

Provides opportunities to assess and analyze the needs and strengths of communities and populations using various community/assessment Frameworks/Models. The nursing process is used as one example of an organizing framework applied to community-oriented nursing, i.e. showing the connection between population health and individual care. As is often the need with minority populations, the growing Hispanic and African populations in the Greater Cincinnati area. The partnership role of the community as the 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 desired goals and politics and public health policy as advocacy tools.

**Co-requisites:** NURS752

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## **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 Professional Sci School of 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 Professional Sci School of Nursing*

## NURS 758 - Adv Health Assessment App

# NURS 758 - Adv Health Assessment App

### 1 Credit Hours

This course is designed for graduates of the MIDAS program who are entering the post-masters FNP certificate program. The purpose of the course is to summarize the advanced health assessment content taught in the MIDAS program in such a way the student will be prepared for direct entry into the post-masters FNP program. Students will discuss a comprehensive holistic, health assessment for clients and families across the lifespan. The students will review 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 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 a simulation laboratory.

**Restrictions:** Must be enrolled in one of the following Programs: Post-Masters Cert Nurse Pract Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Social Sciences, Health, and Education School of 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 Professional Sci School of 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 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 Individual/Fam/Life Span FNP Individual/Fam/Life Span

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## NURS 771 - Childbearing Family Care Pract

# NURS 771 - Childbearing Family Care Pract

### 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

**Co-requisites:** NURS772

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## NURS 772 - Childbearing Family Care

# NURS 772 - Childbearing Family 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.

**Co-requisites:** NURS771

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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

*College of Professional Sci School of Nursing*

## **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

*College of Professional Sci School of Nursing*

## **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

*College of Professional Sci School of Nursing*

## 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 Professional Sci School of 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 Professional Sci School of 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 Professional Sci School of Nursing*

## **NURS 797 - Scholarly Project**

# **NURS 797 - Scholarly Project**

### **2 Credit Hours**

This course is the development of a scholarly project that addresses a phenomenon, issue, or problem related to the discipline of nursing. A variety of options are available to demonstrate the comprehensive and scholarly nature of the final product. The following options are possibilities, but the student is not limited to these, for the scholarly project: conducting a research study; developing a concept analysis paper; providing an innovation solution to a clinical, administrative or educational problem or opportunity; developing a health-related technological application; developing a creative potentially fundable, health-related proposal; or developing a business or educational proposal. This is a capstone course; demonstration of synthesis of previous course work is expected.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## **NURS 850 - Nursing Perspectives IV**

# **NURS 850 - Nursing Perspectives IV**

### **3 Credit Hours**

This course focuses on the application of the Clinical Nurse Leader role in caring for complex clients within the acute and community care setting. Principles of leadership, group dynamics, and change strategies in complex organizations, risk assessment, resource management and utilization of evidenced based practice are applied. Project management skills are demonstrated as the CNL provides leadership for ensuring holistic care for individual and community clients.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## NURS 851 - Leadership Practicum

# NURS 851 - Leadership Practicum

### 4 Credit Hours

This is a capstone course that requires the student to demonstrate mastery of the knowledge and behaviors expected of a clinical nurse leader. 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. The outcome of this course will include a scholarly project presented by the student as a demonstration project of their interest.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## NURS 852 - Leadership for Quality

# NURS 852 - Leadership for Quality

### 2 Credit Hours

This is a capstone course that requires the student to demonstrate mastery of the knowledge and behaviors expected of a clinical nurse leader. Professional responsibilities of the culturally competent 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. Students will be expected to visit one secondary school that has a high percentage of minority and disadvantaged students, such as Dohn Community High School, to promote health careers. The outcome of this course will include a scholarly project presented by the student as a demonstration project of their interest.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## NURS 853 - Ldrshp Practicum For RNs

# NURS 853 - Ldrshp Practicum For RNs

### 6 Credit Hours

This experiential course is designed for application of the CNL role by the student with supervision from a partner facility mentor with weekly meetings with other CNL students, faculty and mentors to dialogue on CNL issues and assess innovative experiences, particularly the implementation of the CNL role in hospitals and in local communities. 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. This practicum includes a minimum of 270 contact hours in a variety of settings such as: partnering hospitals, a state forensic psychology center, public health departments, community-based health care, university service areas and educational programs.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Professional Sci School of 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 Professional Sci School of Nursing*

## NURS 855 - CNL Leadership Scholarly Proj

# NURS 855 - CNL Leadership Scholarly Proj

## 2 Credit Hours

This course requires students 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 problem 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 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 Professional Sci School of 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

**Levels:** Graduate

*College of Professional Sci School of 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

**Levels:** Graduate

*College of Professional Sci School of 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

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Professional Sci School of 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 and NURS902

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Professional Sci School of 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.

**Prerequisites:** NURS900 and NURS902

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Nursing Practice

**Levels:** Graduate

*College of Professional Sci School of Nursing*

## **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

**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 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:** Undergraduate level PHIL100 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 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 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 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 and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## 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 and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**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 and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**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 and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

**PHIL 309 - Medieval Islamic Phil & Influe**

## PHIL 309 - Medieval Islamic Phil & Influe

**3 Credit Hours**

The course treats the main figures in the \201Cgolden age\201D of Islamic philosophy, namely, Al-Farabi, Ibn Sina (Avicenna), Al-Ghazali, and Ibn Rush\2019d (Averroes). It also examines how their philosophies influenced and were developed by medieval Jewish and Christian thought.

**Prerequisites:** PHIL100 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 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 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 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 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 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 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 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 and THEO111 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 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 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 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 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 and ( PHIL290 or 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 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 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 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 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 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 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 and ( PHIL290 or PHIL200)

**Course Attributes:** Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences 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 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 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 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 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 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 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 and ( PHIL290 or PHIL200)

**Course Attributes:** Diversity Curriculum Require, 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 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 and ( PHIL290 or PHIL200)

**Course Attributes:** ERS Focus Elective, Humanities Elective

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Philosophy*

## **PHIL 391 - Topics In Metaphysics**

# **PHIL 391 - Topics In Metaphysics**

### **3 Credit Hours**

Study of selected issues and texts in metaphysics. 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)

**Course Attributes:** Humanities Elective

**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 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 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 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 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**

### **2 Credit Hours**

A review of progress on the Senior Thesis. Graduating senior majors.

**Prerequisites:** PHIL100 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

**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*

## **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

**Course Attributes:** Physics Lect Old/Trans Core

**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

**Course Attributes:** Physics Lab Old/Trans Core

**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:** Physics Lect Old/Trans Core, 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:** Physics Lab Old/Trans Core, 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:** Physics Lect Old/Trans Core, Nat Sci Elect Lecture New Core, Quantitative Reason Flag Pt. 1

**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:** Physics Lab Old/Trans Core, Nat Sci Elect Lab New Core, Quantitative Reason Flag Pt. 2

**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 Secondary Education Special Education

**Course Attributes:** Physics Lect Old/Trans Core, 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 Secondary Education Special Education

**Course Attributes:** Physics Lab Old/Trans Core, 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, Physics Lect Old/Trans Core, Nat Sci Elect Lecture New 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, Physics Lab Old/Trans Core, Nat Sci Elect Lab New 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:** Physics Lect Old/Trans Core, Nat Sci Elect Lecture New Core, Quantitative Reason Flag Pt. 1

**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:** Physics Lab Old/Trans Core, Nat Sci Elect Lab New Core, Quantitative Reason Flag Pt. 2

**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

**Course Attributes:** Physics Lect Old/Trans Core



**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

**Course Attributes:** Physics Lab Old/Trans Core

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 122 - Our Universe:Energy Source/Use**

# **PHYS 122 - Our Universe:Energy Source/Use**

**2 Credit Hours**

An introductory course that surveys various forms of energy and studies practical economical applications.

**Co-requisites:** PHYS123

**Course Attributes:** Physics Lect Old/Trans Core

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## **PHYS 123 - Our Universe: Energy Lab**

# **PHYS 123 - Our Universe: Energy Lab**

**1 Credit Hours**

Laboratory to accompany PHYS 122.

**Co-requisites:** PHYS122

**Course Attributes:** Physics Lab Old/Trans Core

**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:** Physics Lect Old/Trans Core, Nat Sci Elect Lecture New 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:** Physics Lab Old/Trans Core, Nat Sci Elect Lab New Core, Quantitative Reason Flag Pt. 2, Scientific Perspectives Lab

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 140 - Technical Physics

# PHYS 140 - Technical Physics

## 2 Credit Hours

For occupational therapy and radiologic technology students. Kinematics, force laws, momentum, energy, work, power, heat, temperature, waves.

**Course Attributes:** Physics Lect Old/Trans Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 141 - Radiologic Physics

# PHYS 141 - Radiologic Physics

## 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:** 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-

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Course Attributes:** Physics Lect Old/Trans Core

**Levels:** Undergraduate

*College of Arts & Sciences Physics*

## PHYS 142 - Technical Physics Lab

# PHYS 142 - Technical Physics Lab

### 1 Credit Hours

This lab accompanies PHYS 140 lectures. Primarily for occupational therapy students.

**Co-requisites:** PHYS140

**Restrictions:** Must be enrolled in one of the following Departments: Occupational Therapy

**Course Attributes:** Physics Lab Old/Trans Core, 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:** Physics Lect Old/Trans Core, Nat Sci Elect Lecture New 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:** Physics Lab Old/Trans Core, Nat Sci Elect Lab New 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 D

**Course Attributes:** Physics Lect Old/Trans Core

**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 D or Graduate level EDMS999

**Course Attributes:** Physics Lab Old/Trans Core, 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:** Physics Lect Old/Trans Core, Nat Sci Elect Lecture New 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:** Physics Lab Old/Trans Core, Nat Sci Elect Lab New 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:** PHYS170 and ( MATH170 or MATH171)

**Course Attributes:** Physics Lect Old/Trans Core, 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:** Physics Lab Old/Trans Core, 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, inductors, diodes, transistors, op. amps, and logic gates. Standard methods of analysis such as: i) Kirchhoffs rules; ii) node voltages; iii) equivalent resistance, capacitance, and inductance; iv) Thevenin's and Norton's theorems; and v) Karnaugh maps are introduced. Strong emphasis is placed on the application of these methods toward the analysis of both analog and digital circuits.

**Prerequisites:** PHYS172 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:** PHYS172 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

**Co-requisites:** PHYS330

**Course Attributes:** Oral Communication Flag, Scientific Perspectives Lab

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## 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:** PHYS330 and ( MATH220 or MATH230)

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## 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

*College of Arts & Sciences Physics*

## 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 MATH230

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Physics*

## 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 Physics Lab**

# **PHYS 355 - Advanced Physics 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:** PHYS341

**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:** PHYS360

**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 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:** PHYS350 and 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:** PHYS340

**Co-requisites:** MATH230

**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:** PHYS340

**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 Old/Trans 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 Old/Trans 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, Social Science Old/Trans Core

**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.

**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.

**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.

**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, Social Science Old/Trans Core

**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, Social Science Old/Trans Core

**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 Curriculum Require, 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 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 - Conflict, Dev & Justice**

# **POLI 321 - Conflict, Dev & Justice**

### **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.

**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, 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 Regime**

# POLI 350 - Political Theory & Amer Regime

**3 Credit Hours**

Detailed reading of texts in political philosophy and in American political thought with a view to understanding the United States as regime.

**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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

**POLI 363 - Lincoln & Conditions of Freedo**

# POLI 363 - Lincoln & Conditions of Freedo

**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:** 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 373 - United States and the Third World**

# **POLI 373 - United States and the Third World**

### **(3) Credit Hours**

An examination of the historic estrangement between the U.S. and the Third World and attempts for contemporary cooperation.

**Levels:** Undergraduate, Graduate

*College of Arts and Sciences Political Science and Sociology*

## **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.

**Course Attributes:** Peace & Justice Studies Minor

**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 - Soviet & Post-Soviet Politics**

# **POLI 387 - 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.

**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**

### **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:** Social Science Elect New 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 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

*College of Arts & Sciences Political Science*

## **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

*College of Arts & Sciences Political Science*

### **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

*College of Arts & Sciences Political Science*

### **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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Political Science*

### **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 realtions 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 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*

### **PSYC 100 - Efficient Reading&Study Skills**

## **PSYC 100 - Efficient Reading&Study Skills**

### **1 Credit Hours**

Critical reading comprehension, study skills, writing skills with emphasis on the integration of reading and writing, understanding what is read, and developing good study habits. Improve ability to interpret, analyze, and evaluate general reading material and specific course contents.

**Levels:** Undergraduate

*College of Professional Sci Psychology*

### **PSYC 101 - General Psychology**

## **PSYC 101 - General Psychology**

### **3 Credit Hours**

Basic psychological processes such as sensation, perception, motivation, learning, abnormal, social, and personality development.

**Course Attributes:** Social Science Elect New Core, Social Science Old/Trans Core

**Levels:** Undergraduate

*College of Professional Sci Psychology*

### **PSYC 121 - Gen Exp Psych**

## **PSYC 121 - Gen Exp Psych**

### **2 Credit Hours**

Introduction to the scientific method used in psychology, covering topics such as sensation, perception, learning, emotion, motivation. Fulfills science requirement for non-psychology majors.

**Co-requisites:** PSYC122

**Restrictions:** May not be enrolled in one of the following Majors: Psychology May not be enrolled in one of the following Minors: Psychology

**Course Attributes:** Psychology Lect Old/Trans Core, Scientific Perspectives Lect

**Levels:** Undergraduate

*College of Professional Sci Psychology*

## **PSYC 123 - Gen Experimental Psych II**

# **PSYC 123 - Gen Experimental Psych II**

### **2 Credit Hours**

Introduction to the structure and function of the nervous system, which serves as the basis for the study of human behavior and psychopathology. Fulfills science requirement for non-psychology majors.

**Prerequisites:** PSYC121 and PSYC122

**Co-requisites:** PSYC124

**Course Attributes:** Psychology Lect Old/Trans Core

**Levels:** Undergraduate

*College of Professional Sci Psychology*

## **PSYC 124 - Gen Experimental Psych II Lab**

# **PSYC 124 - Gen Experimental Psych II Lab**

### **1 Credit Hours**

Experiments demonstrating principles described in the lectures.

**Co-requisites:** PSYC123

**Course Attributes:** Psychology Lab Old/Trans Core

**Levels:** Undergraduate

*College of Professional Sci Psychology*

## **PSYC 130 - Psychology Science Perspective**

# **PSYC 130 - Psychology Science Perspective**

### **2 Credit Hours**

**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 the course is to prepare psychology majors for 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. For example, you will complete some self reflection assignments regarding psychology as a choice for major and examine what is best choice of career paths for your abilities, strengths, values and experiences? You will also learn about some career-related skills such as securing employment: resume writing, researching areas of interest, networking, job shadowing, skills obtained as a psychology major (research design, critical and scientific thinking, oral presentation skill), and accessing XU resources (e.g., Center for Career and Leadership Development).

**Prerequisites:** PSYC101

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 210 - Statistical Techniques

# PSYC 210 - Statistical Techniques

**3 Credit Hours**

Basic statistics in psychology. Measures of central tendency and variability, correlational techniques, and experimental test of differences among groups. For Psychology majors and minors only.

**Co-requisites:** PSYC212

**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 221 - Research Meth & Design I

# PSYC 221 - Research Meth & Design I

**2 Credit Hours**

Basic exploration of the scientific method as applied to psychology. Includes research design and appropriate statistical analyses. Required for psychology majors, minors, and Honor's students.

**Co-requisites:** 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 Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 222 - Research Meth & Design II**

# PSYC 222 - Research Meth & Design II

**2 Credit Hours**

Advanced exploration of the scientific method as applied to psychology. Includes research design and appropriate statistical analyses. Required for psychology majors.

**Prerequisites:** PSYC221

**Co-requisites:** 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 Core

**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.

**Co-requisites:** 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**

Factors influencing a person's life span. Application to stages of physiological maturation, developmental tasks, social learning, personality integration.

**Course Attributes:** Social Science Elect New Core, Social Science Old/Trans Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 233 - Adolescent Psychology**

# PSYC 233 - Adolescent Psychology

**3 Credit Hours**

Interrelated physical, social, and moral development associated with youth and adolescence.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 245 - Psyc of Cultural Differences**

# PSYC 245 - Psyc of Cultural Differences

**3 Credit Hours**

A study of the way in which cultural differences influence psychological functioning and social behavior at individual, interpersonal, and systematic levels.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 261 - Social Psychology**

# PSYC 261 - Social Psychology



**3 Credit Hours**

The individual's personality, attitudes, behavior in multi-individual situations.

**Course Attributes:** Social Science Elect New Core, Social Science Old/Trans 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 explores treatment issues and approaches for working with sex offenders, victims, and other family members.

**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 - Abnormal Psychology**

## **PSYC 277 - Abnormal Psychology**

**3 Credit Hours**

Dynamics of the disturbed personality; symptoms, causes, treatment of psychoneuroses, psychoses, deviant personalities.

**Course Attributes:** Social Science Elect New Core, Social Science Old/Trans Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## **PSYC 285 - Psychology of Religion**

# **PSYC 285 - Psychology of Religion**

### **3 Credit Hours**

Examines religiousness and the religious personality from a psychological perspective.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## **PSYC 301 - History&Systems of Psychology**

# **PSYC 301 - History&Systems of Psychology**

### **3 Credit Hours**

Modern scientific psychology including its various schools and their backgrounds. Required of Psychology majors. Senior Level.

**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**

Psychological bases for organizational decisions from employment to the maintenance of motivation and job satisfaction of people. Research, measurement and

practical application are emphasized.

**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 Curriculum Require, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## **PSYC 332 - Child Psychology**

# **PSYC 332 - Child Psychology**

### **3 Credit Hours**

The study of growth and development; heredity and environmental factors; early and later childhood to puberty.

**Prerequisites:** PSYC101 and PSYC221 and PSYC223

**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 course explores the bridge between psychology and the law. The student is introduced to each discipline's basic methodologies and assumptions, the roles of forensic psychologists in the legal system and how psychology can contribute to various areas of the law.

**Prerequisites:** PSYC101

**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 Curriculum Require, 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

Study of the biological, psychological, and social needs and issues of 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

Root causes of crime in the individual and in the culture. Consideration of personality dynamics and treatment approaches.

**Course Attributes:** Social Science Old/Trans Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## **PSYC 367 - Psychology of Aging**

# **PSYC 367 - Psychology of Aging**

**3 Credit Hours**

The interrelationship between biological-cognitive personality and social changes associated with aging.

**Course Attributes:** Diversity Curriculum Require, ERS Focus Elective

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## **PSYC 368 - Health Psychology**

# **PSYC 368 - Health Psychology**

**3 Credit Hours**

A survey of the field of health psychology. Examines a number of health issues by considering the interaction of biological, psychological, and social factors.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## **PSYC 370 - Human Sexuality**

# **PSYC 370 - Human Sexuality**

**3 Credit Hours**

A survey of the psychology of humans as sexual beings. Examines biological, cultural, psychological and developmental aspects.

**Course Attributes:** Diversity Curriculum Require

**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 are reviewed. Current empirical understanding of the nature and effects of cocaine, nicotine, caffeine, alcohol, depressants, opiates, marijuana, hallucinogens and psychiatric drugs are

covered. Additionally, students are exposed to current controversies regarding drugs, drug regulation and drug prevention.

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

### **PSYC 379 - Psyc and Achievement Testing**

## **PSYC 379 - Psyc and Achievement Testing**

#### **3 Credit Hours**

This course reviews basic statistical principles underlying psychological testing, especially norms, reliability and validity. Various types of psychological tests are introduced, along with an introduction to ethical issues in testing.

**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 426 - Physiological Psychology**

# PSYC 426 - Physiological Psychology

**3 Credit Hours**

This upper-division course provides an overview of the structure and function of the human nervous system as it is involved in human behaviors such as memory, emotion, learning, and psychological disorders. This course assumes that the student has successfully completed A&P (or its equivalent).

**Prerequisites:** PSYC101 and BIOL140 and BIOL141

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

**PSYC 427 - Cognitive Psychology**

# PSYC 427 - Cognitive Psychology

## **3 Credit Hours**

Examines the human information processing system. Topics include attention, perception, sensory memory, short-term memory, long-term memory, reasoning, problem solving and decision making..

**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 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**

Presents a review of the basic principles of conditioning and learning, and their application to everyday behavior.

**Prerequisites:** PSYC101 and PSYC221 and PSYC223

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## **PSYC 464 - Theories of Personality**



# PSYC 464 - Theories of Personality

## **3 Credit Hours**

Description and evaluation of current personality theories.

**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 deals with behavior and sports emphasizing the areas of personality and sports, anxiety and arousal in sports motivation, aggression, group dynamics, socialization and exercise.

**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 staff 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 - Practicum in Psychology

# PSYC 490 - Practicum in Psychology

### 1 - 3 Credit Hours

In this course students work as paraprofessionals in the community providing service under supervision.

**Restrictions:** Must be enrolled in one of the following Majors: Psychology

**Levels:** Graduate Undergraduate

*College of Professional Sci Psychology*

## PSYC 499 - Senior Comprehensive Review

# PSYC 499 - Senior Comprehensive Review

### 3 Credit Hours

Capstone course required of all amjors. Review of fundamental areas of psychology and integration of psychology within a liberal arts education.

**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 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.

**Prerequisites:** Undergraduate level PSYC210 Minimum grade of D

**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 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 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 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 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 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 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 Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 580 - Clinical Psychopathology

# PSYC 580 - Clinical Psychopathology

## 3 Credit Hours

Study of descriptive and dynamic psychopathology via DSM-IV and psychodynamic theory. Clinical interviewing and diagnostic criteria.

**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 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 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 Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

### **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

*College of Professional Sci Psychology*

### **PSYC 609 - Learning & Cognition**

# **PSYC 609 - Learning & Cognition**

**3 Credit Hours**

Analysis of the experimental literature and theories of learning and cognition, including classical and operant conditioning, memory, attention, problem solving, and decision making.

**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 610 - Biological Bases of Behavior**

# PSYC 610 - Biological Bases of Behavior

**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 Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

**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

*College of Professional Sci Psychology*

**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 Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*



## PSYC 623 - Issues in Applied Psychology

# PSYC 623 - Issues in Applied Psychology

### 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: Behav Thera

# PSYC 629 - Intervention Tech: Behav Thera

### 3 Credit Hours

Theoretical and empirical bases of behavior therapy coupled with applied aspects of the therapeutic process. Projects using behavioral therapeutic techniques in a variety of settings with various clinical problems 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 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 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 development theory, organizational consulting theory, practical issues in consulting and the identification of ethical boundaries around professional behavior.

**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 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 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. Students apply the concepts and knowledge learned 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 Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 649 - Intro to Clinical Interactions

# PSYC 649 - 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 TA.

**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 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 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 - Master's Thesis

# PSYC 699 - Master's Thesis

### 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 Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## PSYC 703 - Psychopharmacology

# PSYC 703 - 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 Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## 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. Theoretical issues and applied psychological interventions related to health promotion and wellness are presented. Offers a multi-disciplinary perspective through critique and analysis of current research literature and exposure to other allied health professionals.

**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 705 - Clinical Neuropsychology

# PSYC 705 - 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 Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## **PSYC 706 - Alcohol & Substance Abuse**

# **PSYC 706 - 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 Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## **PSYC 710 - Intervent Tech: Group Therapy**

# **PSYC 710 - Intervent Tech: 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 Levels: Graduate Must be enrolled in one of the following Majors: Clinical Psychology Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## **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

*College of Professional Sci Psychology*

## **PSYC 714 - Child & Adolescent Chronic Ill**

# **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 718 - Assessment of Child & Adolesce**

# PSYC 718 - 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.

**Prerequisites:** Graduate level PSYC720 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 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 - Psychopath/Ther - Older Adult

# PSYC 721 - Psychopath/Ther - Older Adult

## 3 Credit Hours

Focus of the course is twofold: assessment and treatment. When assessing and treating older adults, psychologists must consider the relevant bio-psycho-social factors. Students will express their conceptualization of cases according to a biopsychosocial framework, DSM-IV diagnostic criteria, and the major models of psychotherapy; describe and defend their treatment plan for many common disorders in later life, incorporating empirically proven effective interventions; and identify the ethical principles operative in cases and describe how they will resolve ethical dilemmas according to APA ethical guidelines and principles.

**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 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.

**Prerequisites:** PSYC720 and PSYC718

**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 - Intervention: DBT**

# **PSYC 735 - 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 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 experience in a clinical setting.

**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.

**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

## 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

## 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

## 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**

**3 - 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 Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## **PSYC 810 - Clinical Health Psychology**

# **PSYC 810 - Clinical Health Psychology**

**3 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Programs: Doctor of Psychology May not be enrolled in one of the following Majors: Clinical Psychology

**Levels:** Graduate

*College of Professional Sci Psychology*

## **PSYC 820 - Psychology In Primary Care**

# **PSYC 820 - Psychology In Primary Care**

**3 Credit Hours**

**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 850 - Clinical Practicum V**

# **PSYC 850 - Clinical Practicum V**

### **3 Credit Hours**

Supervised experience in a clinical setting.

**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.

**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 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*

**RADT 150 - Medical Terminology**

# RADT 150 - Medical Terminology

**1 Credit Hours**

Medical word roots, stems, prefixes and suffixes. Common medical abbreviations.

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 152 - Patient Care in Radiography**

# RADT 152 - Patient Care in Radiography

**1 Credit Hours**

Basic patient care, communication skills, professional ethics, emergency procedures and isolation techniques.

**Co-requisites:** RADT160, RADT161, RADT170

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 154 - Ethics & Law in Radiography**

# **RADT 154 - Ethics & Law in Radiography**

### **1 Credit Hours**

This course will provide students with a fundamental background in ethics as well as elements of ethical and professional behavior. Students will be introduced to legal terminology, principles, and professional organizations.

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 160 - Radiographic Procedures I**

# **RADT 160 - Radiographic Procedures I**

### **2 Credit Hours**

Didactic and laboratory instruction in routine radiographic positioning of the chest, abdomen, upper extremities, bony thorax, esophagus, stomach, large intestines, biliary and urinary systems.

**Co-requisites:** RADT152, RADT161, RADT170

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 161 - Radiographic Practicum I**

# **RADT 161 - Radiographic Practicum I**

### **1 Credit Hours**

Radiographic clinical competency training and evaluation, Tuesdays and Thursdays during the fall semester at an affiliate hospital (16 hours/week).

**Co-requisites:** RADT152, RADT160, RADT170

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 162 - Radiographic Procedures II**

# **RADT 162 - Radiographic Procedures II**



**2 Credit Hours**

Didactic and laboratory instruction in routine radiographic positioning of the lower extremities, pelvis, cervical, thoracic, and lumbar spine, skull and facial bones.

**Prerequisites:** Undergraduate level RADT160 Minimum grade of C and Undergraduate level RADT161 Minimum grade of C

**Co-requisites:** RADT163

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 163 - Radiographic Practicum II**

# RADT 163 - Radiographic Practicum II

**1 Credit Hours**

Radiographic clinical competency training and evaluation, Tuesdays and Thursdays during the spring semester at an affiliate hospital (16 hours/week).

**Prerequisites:** Undergraduate level RADT150 Minimum grade of C- and Undergraduate level RADT152 Minimum grade of C- and Undergraduate level RADT160 Minimum grade of C- and Undergraduate level RADT161 Minimum grade of C- and Undergraduate level RADT170 Minimum grade of C-

**Co-requisites:** RADT162

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 165 - Radiographic Practicum III**

# RADT 165 - Radiographic Practicum III

**3 Credit Hours**

Radiographic clinical competency training and evaluation during the summer months. First summer session, Monday and Wednesday at an affiliate hospital (16 hours/week). Second summer session, Monday through Friday at an affiliate hospital (40 hours/week).

**Prerequisites:** Undergraduate level RADT162 Minimum grade of C- and Undergraduate level RADT163 Minimum grade of C- and Undergraduate level RADT172 Minimum grade of C- and Undergraduate level RADT180 Minimum grade of C-

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 170 - Prin of Radiographic Expos I**

# RADT 170 - Prin of Radiographic Expos I

**2 Credit Hours**

Basic concepts of radiation protection, the process of radiographic image production, and the specific equipment accessories used to produce high quality images.

**Co-requisites:** RADT152, RADT160, RADT161

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 172 - Prin of Radiographic Expos II**

# RADT 172 - Prin of Radiographic Expos II

**2 Credit Hours**

Controlling and influencing factors of radiographic image quality.

**Prerequisites:** Undergraduate level RADT150 Minimum grade of C- and Undergraduate level RADT152 Minimum grade of C- and Undergraduate level RADT160 Minimum grade of C- and Undergraduate level RADT161 Minimum grade of C- and Undergraduate level RADT170 Minimum grade of C-

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 180 - Radiation Protection and Biolo**

# RADT 180 - Radiation Protection and Biolo

**2 Credit Hours**

How to use ionizing radiation in a safe and prudent manner, maximum permissible doses, effects of ionizing radiation on living tissue.

**Prerequisites:** Undergraduate level RADT150 Minimum grade of C- and Undergraduate level RADT152 Minimum grade of C- and Undergraduate level RADT160 Minimum grade of C- and Undergraduate level RADT161 Minimum grade of C- and Undergraduate level RADT170 Minimum grade of C-

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 200 - Digital Imaging**

# RADT 200 - Digital Imaging

**1 Credit Hours**

To advance students' knowledge of how computers are used in radiology to form images. Students are introduced to the components and operations of digital imaging equipment. Student must have completed all first year Radiologic Technology courses prior to taking this course.

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 250 - General Radiography**

# **RADT 250 - General Radiography**

### **2 Credit Hours**

Specialized radiographic positioning procedures including radiographic anatomy.

**Prerequisites:** Undergraduate level RADT165 Minimum grade of C-

**Co-requisites:** RADT260, RADT261, RADT270

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 260 - Special Procedures**

# **RADT 260 - Special Procedures**

### **2 Credit Hours**

Special radiographic procedures including myelography, tomography, arthrology and vascular studies. Contrast media.

**Prerequisites:** Undergraduate level RADT165 Minimum grade of C-

**Co-requisites:** RADT250, RADT261, RADT270

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 261 - Radiographic Practicum IV**

# **RADT 261 - Radiographic Practicum IV**

### **2 Credit Hours**

Advance radiographic clinical competency training and evaluation, fall semester on Mondays, Wednesdays and Fridays at an affiliate hospital (24 hours/week).

**Prerequisites:** Undergraduate level RADT165 Minimum grade of C-

**Co-requisites:** RADT250, RADT260, RADT270

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 262 - Pharmacology & Drug Admin**

# **RADT 262 - Pharmacology & Drug Admin**

### **1 Credit Hours**

Content is designed to provide basic concepts of pharmacology and drug administration. The administration of diagnostic contrast agents and/or intravenous medications is emphasized.

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 263 - Radiographic Practicum V**

# **RADT 263 - Radiographic Practicum V**

### **2 Credit Hours**

Advance radiographic clinical competency training and evaluation, spring semester on Mondays, Wednesdays and Fridays at an affiliate hospital (24 hours/week).

**Prerequisites:** Undergraduate level RADT115 Minimum grade of C- and Undergraduate level RADT250 Minimum grade of C- and Undergraduate level RADT260 Minimum grade of C- and Undergraduate level RADT261 Minimum grade of C- and Undergraduate level RADT270 Minimum grade of C-

**Co-requisites:** RADT280, RADT292, RADT294

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 265 - Radiographic Practicum VI**

# **RADT 265 - Radiographic Practicum VI**

### **1 - 3 Credit Hours**

Continuation of RADT 263, summer semester, Monday through Friday (2 months 40 hours/week).

**Prerequisites:** Undergraduate level RADT263 Minimum grade of C- and Undergraduate level RADT280 Minimum grade of C- and Undergraduate level RADT292 Minimum grade of C- and Undergraduate level RADT294 Minimum grade of C-

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 270 - Prin of Radiographic Expos III**

# RADT 270 - Prin of Radiographic Expos III

## 2 Credit Hours

Radiographic technique charts and designs. Exposure conversion problems. Anodecooling and tube rating.

**Prerequisites:** Undergraduate level RADT165 Minimum grade of C-

**Co-requisites:** RADT250, RADT260, RADT261

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

## RADT 272 - Principles Computed Tomography

# RADT 272 - Principles Computed Tomography

## 1 Credit Hours

Content is designed to impart basic principles and instrumentation related to computed tomography (CT imaging). Computed tomography systems and operations will be explored with attention given to radiation safety.

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## RADT 280 - Pathology

# RADT 280 - Pathology

## 2 Credit Hours

Study of diseases and the radiographic evaluation of the disease processes.

**Prerequisites:** Undergraduate level RADT115 Minimum grade of C- and Undergraduate level RADT250 Minimum grade of C- and Undergraduate level RADT260 Minimum grade of C- and Undergraduate level RADT261 Minimum grade of C- and Undergraduate level RADT270 Minimum grade of C-

**Co-requisites:** RADT263, RADT292, RADT294

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

## RADT 292 - Imaging Equipment & Film Proce

# RADT 292 - Imaging Equipment & Film Proce

### **2 Credit Hours**

Defines the design, maintenance, and quality assurance of radiologic equipment and film processing equipment.

**Prerequisites:** Undergraduate level RADT115 Minimum grade of C- and Undergraduate level RADT250 Minimum grade of C- and Undergraduate level RADT260 Minimum grade of C- and Undergraduate level RADT261 Minimum grade of C- and Undergraduate level RADT270 Minimum grade of C-

**Co-requisites:** RADT263, RADT280

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 294 - Radiographic Sectional Anatomy**

# **RADT 294 - Radiographic Sectional Anatomy**

### **2 Credit Hours**

Gross sectional anatomy of the head, neck, thorax, abdomen, pelvis and vertebral column as they appear on diagrams, computed tomography and magnetic resonance scans.

**Prerequisites:** Undergraduate level RADT115 Minimum grade of C- and Undergraduate level RADT250 Minimum grade of C- and Undergraduate level RADT260 Minimum grade of C- and Undergraduate level RADT261 Minimum grade of C- and Undergraduate level RADT270 Minimum grade of C-

**Co-requisites:** RADT263, RADT280, RADT292

**Restrictions:** Must be enrolled in one of the following Majors: Radiologic Technology

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 300 - Introduction to MRI**

# **RADT 300 - Introduction to MRI**

### **1 Credit Hours**

This course will provide the student with an overview of magnetic imaging including the evolution of MR Imaging. This introduction course will provide basic knowledge of terminology, imaging equipment, safety, patient preparation and monitoring the patient in MRI. The information will enable the student to better communicate with the MRI staff and to ensure the safety of the patient and co-workers while in the MRI area. Student must have ARRT certification and permission of RT Program Director to enroll.

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 310 - MRI Imaging Procedures**

# **RADT 310 - MRI Imaging Procedures**

**2 Credit Hours**

This course will provide the students with imaging techniques and standard protocols related to the CNS, neck, thorax, musculoskeletal system, abdomen and pelvis. Positioning criteria will be covered with the proper application of coils and their use in scanning will be covered. Emphasis on patient safety issues will be stressed throughout the course. Student must have ARRT certification and permission of RT Program Director to enroll.

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 311 - MRI Practicum I**

# RADT 311 - MRI Practicum I

**2 Credit Hours**

The clinical practice experiences are designed to sequentially develop the student from entry level skills to advance imaging skills. In this course, the student will gain experience in providing a safe working environment for the patient and others around the magnetic area, and entry level scanning protocols.

**Prerequisites:** RADT300

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 313 - MRI Practicum II**

# RADT 313 - MRI Practicum II

**2 Credit Hours**

The clinical practice experiences are designed to sequentially develop the student from entry level skills to advance imaging skills. In this course, the student will build on the objectives from RADT 311 and will recognize the need for altering the scan protocol to produce quality diagnostic images. Students will gain experience in altering the protocol to meet the needs of the patients.

**Prerequisites:** RADT300 and RADT310 and RADT311 and RADT320 and RADT330

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

**RADT 320 - Physical Principles of MRI I**

# RADT 320 - Physical Principles of MRI I

**2 Credit Hours**

The course will introduce the student to the fundamentals of MR image acquisition. The information is useful to enable the student to maximize MR image acquisition by understanding image weighting and contrast, encoding and image formation, pulse-sequencing, setting parameters and trade-offs. Student must have ARRT certification and permission of RT Program Director to enroll.

**Prerequisites:** RADT300

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 321 - Physical Principles of MRI II**

# **RADT 321 - Physical Principles of MRI II**

### **2 Credit Hours**

The course is designed to provide the student with a comprehensive overview of MRI imaging. Building upon the knowledge the students learned in Physical Principles of MRI Part I, the new topics include nuclear MR signal production, tissue characteristics, imaging parameters/options, image formation, flow phenomena, artifacts and their compensation, vascular and cardiac imaging, instrumentation and equipment, MRI safety, and contrast media agents used in MRI.

**Prerequisites:** RADT320

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 330 - Advance Sectional Anatomy**

# **RADT 330 - Advance Sectional Anatomy**

### **2 Credit Hours**

This course is a study of human anatomy as seen in axial, sagittal and coronal planes. Correlation to MR images is practiced in this course. Sectional anatomy of the head, neck, thorax, abdomen, pelvis, vertebral column and extremities as they appear on magnetic resonance scans. Student must have ARRT certification and permission of RT Program Director to enroll.

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 340 - MRI Pathology**

# **RADT 340 - MRI Pathology**

### **2 Credit Hours**

This course familiarizes the student with the common pathologies found in magnetic resonance imaging and the appearance of these pathologies in various imaging protocols. The course content is inclusive of all commonly-imaged body systems and areas. Student must have permission of RT Program Director to enroll.

**Prerequisites:** RADT330

**Levels:** Undergraduate

*College of Professional Sci Radiologic Technology*

## **RADT 350 - Management of a MRI Center**

# **RADT 350 - Management of a MRI Center**



**2 Credit Hours**

This course provides an overview of the mechanics involved in operating an MRI center including considerations that must be addressed before placing an MRI system. the course will focus on the various management styles, staffing matrix, policy development and current issues facing MRI centers. Student must have ARRT certification and permission of RT Program Director to enroll.

**Levels:** Graduate Undergraduate

*College of Professional Sci Radiologic Technology*

**RUSS 101 - Elementary Russian I**

# RUSS 101 - Elementary Russian I

**3 Credit Hours**

**Levels:** Undergraduate

*College of Arts and Sciences Classics and Modern Languages*

**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 Curriculum Require, EPU, Gender & Diversity Studies

**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

**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:** MGMT301 and SHRM200

**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:** Undergraduate level MGMT300

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## **SHRM 325 - International Human Resources**

# **SHRM 325 - International Human Resources**

### **3 Credit Hours**

Compare and contrast labor markets in Asia, Europe and the US. Compare and contrast human resource decisions and practices in different countries (Canada, Great Britain, Germany, France, Sweden, Japan, China and Mexico), Analyze human resource issues and practices that today's multinational firms are facing. Topics include: international recruitment and selection, repatriation, training and development, performance management, compensation and labor relations.

**Prerequisites:** SHRM200

**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: job analysis, 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:** ( STAT210 or MATH156) and SHRM200

**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:** ( MATH156 or STAT210) and SHRM200

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## SHRM 370 - Training and Development

# SHRM 370 - Training and Development

## 3 Credit Hours

A study of training and development of human resources in organizations. Topics include the design, implementation and evaluation of training and development programs as well as career management and organizational development activities.

**Prerequisites:** 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:** MGMT301 and SHRM200

**Levels:** Undergraduate

*Williams College of Business Mgmt, Entrepreneurship & HR*

## SHRM 404 - Advanced Topics In SHRM

# SHRM 404 - Advanced Topics In SHRM

## 3 Credit Hours

Analysis of current human resources issues facing organizations. Topics will vary to keep course current.

**Prerequisites:** SHRM200

**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:** SHRM200

**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 Curriculum Require, Gender & Diversity Studies, Social Science Old/Trans Core

**Levels:** Undergraduate

*College of Arts & Sciences Sociology*

## **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 Sociology*

## **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, Social Science Old/Trans Core

**Levels:** Undergraduate

*College of Arts & Sciences Sociology*

## **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 Sociology*

## **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 Sociology*

**SOCI 240 - Population & Globalization**

# SOCI 240 - Population & Globalization

**3 Credit Hours**

Introduction to the basic methods and theories of demography.

**Course Attributes:** Environ Science/Studies Elect, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Sociology*

**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 Sociology*

**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 Curriculum Require, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Social Science Old/Trans Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Sociology*

**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 Curriculum Require, Gender & Diversity Studies, GDST Women and Gender Conc

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Sociology*

**SOCI 264 - Social Change**

## SOCI 264 - Social Change

**3 Credit Hours**

Studying alterations in cultural patterns, social structure, and social behavior.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Sociology*

**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 Sociology*

**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

*College of Arts & Sciences Sociology*

**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 Curriculum Require, Gender & Diversity Studies, Social Science Old/Trans Core

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Sociology*

## **SOCI 271 - Social Movements**

# **SOCI 271 - Social Movements**

### **3 Credit Hours**

This course explores sociological perspectives on a variety of social movements including th civil rights movement, the feminist movement, environmental movements and global movements for social change.

**Course Attributes:** Peace & Justice Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Sociology*

## **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

*College of Arts & Sciences Sociology*

## **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 Curriculum Require

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Sociology*

## **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 Sociology*

**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 Sociology*

**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 Sociology*

**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 Sociology*

**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 Sociology*

**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 Sociology*

**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 Sociology*

**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 Sociology*

**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 Sociology*

**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 Sociology*

**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 Curriculum Require, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Sociology*

**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 Sociology*

**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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Sociology*

## 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 Sociology*

## 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 Sociology*

## 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 Sociology*

## 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 Sociology*

**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 Elect New Core, Social Science Old/Trans 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 Curriculum Require, Gender & Diversity Studies, Social Science Elect New Core, Social Science Old/Trans 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, Social Science Old/Trans Core

**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 Curriculum Require, ERS Focus Elective, Gender & Diversity Studies, Peace & Justice Studies Minor, Social Science Elect New 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:** Peace & Justice Studies Minor

**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 Elect New Core, Social Science Old/Trans 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 Curriculum Require, Gender & Diversity Studies, Social Science Elect New Core, Social Science Old/Trans 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:** Social Science Old/Trans Core

**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, Poverty and Society**

# **SOCW 315 - Values, Poverty and Society**

### **3 Credit Hours**

This course is designed to offer students basic knowledge and understanding of the overall concept of social welfare as it relates to the collective well-being of all in our society through an ethical and underlying values analysis of the historically religious roots of the concept of social welfare to the present implementation. The social institution of social welfare, and how its services and systems are implemented in various nations, is examined and analyzed in relationship to the five other social institutions considered to be pillars of any society: the political, economic, education, religious, and family institutions. Theories of power, privilege, and poverty are examined as they relate to the evolution of social welfare policies and programs.

**Course Attributes:** Diversity Curriculum Require, ERS Focus Elective, Gender & Diversity Studies, Peace & Justice Studies Minor, Social Science Old/Trans Core

**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.

**Course Attributes:** Africana Studies Minor, Diversity Curriculum Require, EPU, ERS Focus Elective, GDST Race and Ethnicity Conc, Gender & Diversity Studies, Peace & Justice Studies Minor, Social Science Old/Trans Core

**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.

**Prerequisites:** SOCW392

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## SOCW 325 - Women/Men: Myth & Reality

# SOCW 325 - Women/Men: Myth & Reality

## 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.

**Course Attributes:** Diversity Curriculum Require, EPU, Gender & Diversity Studies, GDST Women and Gender Conc, Peace & Justice Studies Minor, Social Science Old/Trans Core

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## SOCW 330 - Community Organizing

# SOCW 330 - Community Organizing

**3 Credit Hours**

A study of the theories, principles, and techniques of community organization with an emphasis on practical research.

**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, Social Science Old/Trans Core

**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, EPU

**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 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 and Undergraduate level SOCW315 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

*College of Professional Sci Social Work*

## 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

*College of Professional Sci Social Work*

## SOCW 395 - Directed Study

# SOCW 395 - Directed Study

## 1 - 3 Credit Hours

Individualized study in an area of faculty expertise.

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## **SOCW 402 - Child Abuse & Family Violence**

# **SOCW 402 - Child Abuse & Family Violence**

### **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

*College of Professional Sci Social Work*

## **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. In addition to listed prerequisites, student must also have passed an intro level course of their chosen profession with a minimum grade of C.

**Prerequisites:** Undergraduate level PHIL100 Minimum grade of D and Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Diversity Curriculum Require, 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 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

*College of Professional Sci Social Work*

## **SOCW 417 - Social Work Field Instruction**

# **SOCW 417 - Social Work Field Instruction**

#### 4 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 SOCW415 Minimum grade of C or Undergraduate level SOCW392 Minimum grade of C) and Undergraduate level SOCW320 Minimum grade of C

**Co-requisites:** SOCW394, SOCW419

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### SOCW 418 - Social Work Field Instruction

## SOCW 418 - Social Work Field Instruction

#### 4 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 SOCW392 Minimum grade of C or Undergraduate level SOCW415 Minimum grade of C) and Undergraduate level SOCW417 Minimum grade of C and Undergraduate level SOCW419 Minimum grade of C and Undergraduate level SOCW320 Minimum grade of C

**Co-requisites:** SOCW420

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

### SOCW 419 - Social Work Seminar

## SOCW 419 - Social Work Seminar

#### 2 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 SOCW320 Minimum grade of C and (Undergraduate level SOCW392 Minimum grade of C or Undergraduate level SOCW415 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**

### **2 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 SOCW320 Minimum grade of C and (Undergraduate level SOCW392 Minimum grade of C or Undergraduate level SOCW415 Minimum grade of C) and Undergraduate level SOCW417 Minimum grade of C and Undergraduate level SOCW419 Minimum grade of C and (Undergraduate level SOCW394 Minimum grade of C or Undergraduate level SOCW416 Minimum grade of C)

**Levels:** Graduate Undergraduate

*College of Professional Sci Social Work*

## **SOCW 424 - Research Paper**

# **SOCW 424 - Research Paper**

### **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

**Levels:** Graduate 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**

**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.

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Classics & Modern Languages*

## **SPAN 258 - Language&Culture in Guatemala**

# **SPAN 258 - Language&Culture in Guatemala**

### **3 Credit Hours**

This course will provide an introduction to the Spanish language and the culture and context of Guatemala for the occupational therapy students traveling to Guatemala as part of the HOCS 405 Occupational Justice II course. Each day will be divided into language and culture segments. The language part will introduce and practice basic language skills as well as specific vocabulary used in the field of occupational therapy. The culture part will introduce students to the history and culture of Guatemala to prepare them to understand and interpret what they see and experience.

**Co-requisites:** HOCS405

**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 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 dialectical 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

**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 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 Curriculum Require, 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 353 - Intro Latin American Studies**

# **SPAN 353 - Intro Latin American Studies**

### **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. Fulfills the E/RS Focus elective. Pre-requisite: or Co-requisites: PHIL 100 and THEO 111.

**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, Gender & Diversity Studies, Latin American Studies Minor, Peace & Justice Studies Minor

**Levels:** Graduate 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 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 cononical and non-cononical 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 416 - Intro Span Transln and Interprn**

# **SPAN 416 - Intro Span Transln and Interprn**

### **3 Credit Hours**

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Classics and 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 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

*College of Arts & Sciences Classics & Modern Languages*

## **SPAN 625 - History of the Spanish Languag**

# **SPAN 625 - History of the Spanish Languag**

### **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

*College of Arts & Sciences Classics & Modern Languages*

## **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

*College of Arts & Sciences Classics & Modern Languages*

## **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 dialectal features.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts & Sciences Classics & Modern Languages*

### **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

*College of Arts & Sciences Classics & Modern Languages*

### **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 Studies*

**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 Studies*

**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 Studies*

## **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:** Gender & Diversity Studies

**Levels:** Undergraduate

*College of Professional Sci Sport Studies*

## **SPMG 243 - Outdoor America**

# **SPMG 243 - Outdoor America**

### **3 Credit Hours**

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Sport Studies*

## **SPMG 250 - Prof Development in Sport Mgmt**

# **SPMG 250 - Prof Development in Sport Mgmt**

### **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.

**Restrictions:** Must be enrolled in one of the following Majors: Sport Management

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **SPMG 280 - Contemp Coaching:Issues & Trds**

# **SPMG 280 - 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 of 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 Studies*

**SPMG 290 - Lifetime Fitness and Condition**

# SPMG 290 - Lifetime Fitness and Condition

**3 Credit Hours**

The course will include training principles, components of fitness, fitness assessments, goal-setting, benefits of fitness, diet and nutrition, skill-related fitness, and prevention and care of injuries related to physical activity.

**Levels:** Graduate Undergraduate

*College of Social Science, Health, and Education Sport Studies*

**SPMG 310 - Intro to Sport Marketing**

# SPMG 310 - Intro to 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 Studies*

**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 Studies*

**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 Studies*

**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 Studies*

**SPMG 370 - Basic Aquatics & Pool Mgmt**

# SPMG 370 - Basic Aquatics & Pool Mgmt

**2 Credit Hours**

Basic aquatic skills and pool management.

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

**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

*College of Professional Sci Sport Studies*

**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 Curriculum Require, Gender & Diversity Studies

**Levels:** Graduate Undergraduate

*College of Professional Sci Sport Studies*

## **SPMG 420 - Youth and Sport**

# **SPMG 420 - Youth and Sport**

### **3 Credit Hours**

This course will take a comprehensive view of the role that sport plays in the life of children 12 and younger. Topics will include how children learn and acquire skill, the importance of social interaction, and the role that growth and development play in the context of youth sport coaching. Students will also be able to immediately apply classroom knowledge through working with children in our Montessori Lab School.

**Levels:** Graduate Undergraduate

*College of Social Science, Health, and Education Sport Studies*

## **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 Studies*

## **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 Studies*

## **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 Studies*

**SPMG 523 - Sports Administraion Seminar**

## **SPMG 523 - Sports Administraion 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 Studies*

**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 Studies*

**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 Studies*

**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 Studies*

## 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 Studies*

## 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 Studies*

## 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 Studies*

### **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 Studies*

### **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 Studies*

### **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

*College of Professional Sci Sport Studies*

### **SPMG 642 - Sport Fund-Raising**

## **SPMG 642 - Sport Fund-Raising**



### **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

*College of Professional Sci Sport Studies*

## **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

*College of Professional Sci Sport Studies*

## **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

*College of Professional Sci Sport Studies*

## **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

*College of Professional Sci Sport Studies*

## **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 Studies*

## **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 Studies*

## **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 Studies*

## **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 Studies*

## **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 Studies*

## **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 Studies*

## **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 Undecided Economics Econ, Sustainability & Society Economics Entrepreneurial Studies Finance Human Resources International Business Information Systems Management Marketing Pre-MBA Studies Strategic Human Resource Mgmt Sustainability: Econ & Mgmt

**Levels:** Undergraduate

*College of Arts & Sciences Mathematics*

## **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 Management Information Systems*

## STAT 500 - Business Statistics

# STAT 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 Must be enrolled in one of the following Colleges: Williams College of Business

**Levels:** Graduate

*Williams College of Business Management Information Systems*

## 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 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 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*

## 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

**Course Attributes:** Theology Perspectives

**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

**Course Attributes:** Theology Perspectives

**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

**Course Attributes:** 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:** Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Peace & Justice Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 209 - The Christian Tradition I**

# **THEO 209 - The Christian Tradition 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

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 210 - The Christian Tradition II**

# **THEO 210 - The Christian Tradition II**

### **3 Credit Hours**

A study of key theological themes from the end of the Middle Ages to the twenty-first century. Blends theological analysis with intellectual and social history.

**Prerequisites:** THEO111

**Course Attributes:** Catholicism & Culture Minor, Theology Perspectives

**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

**Course Attributes:** Jewish Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 212 - Protestantism and Catholicism

# THEO 212 - Protestantism and Catholicism

### 3 Credit Hours

Using both primary and secondary sources, this course will examine how both the Protestant and Catholic faith traditions have come of age in America. Among other topics to be addressed, attention will be given to how Protestant and Catholic leaders viewed the institution of slavery, the challenge of industrialization, modernism, church-state relations and religious liberty. When possible, comparisons will be made between these traditions as they developed alongside one another.

**Prerequisites:** THEO111

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Theology*

## THEO 214 - Religion and Psychology

# THEO 214 - Religion and Psychology

### 3 Credit Hours

Investigate the psychological foundations of religion in human development and the evolution of religion during the life cycle.

**Prerequisites:** THEO111

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Theology*

## THEO 216 - The Black Catholic Experience

# THEO 216 - The Black Catholic Experience

### 3 Credit Hours

This course engages the history, living spirituality, and present-day social realities of Black Catholics in Cincinnati and beyond. Through historical and theological study as well as immersion experiences on-site at African American Catholic churches in the Archdiocese of Cincinnati, students will explore both the distinctive gifts and particular struggles of Black Catholics in U.S. society and within the Catholic Church.

**Prerequisites:** THEO111

**Course Attributes:** Diversity Curriculum Require, Peace Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts and 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

**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

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

**THEO 228 - Mary and the Saints**

# THEO 228 - Mary and the Saints

**(3) Credit Hours**

This course studies the historical development and theological significance of the communion of saints. Topics include the origins of the cult of the saints, changing models of sanctity, ritual and devotional practices, and contemporary theological and ecclesial implications of the veneration of saints.

**Prerequisites:** THEO111

**Levels:** Graduate, Undergraduate

*College of Arts and Sciences Theology*

**THEO 230 - Church After Vatican II**

# THEO 230 - Church After Vatican II

**3 Credit Hours**

A study of the key documents of Vatican II, highlighting the key ideas which deeply affected the Catholic Church over the following decades. An overview of the developments which grew out of the Council in such areas as Catholic identity, leadership, ministry, liturgy, social awareness and relationship with other faiths.

**Prerequisites:** THEO111

**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, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 235 - History of the Jesuits

# THEO 235 - 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 and Culture Minor

**Levels:** Graduate Undergraduate

*College of Arts and 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

**Course Attributes:** Catholicism & Culture Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 240 - Ignatian Spirituality

# THEO 240 - Ignatian Spirituality

### 3 Credit Hours

Study of Ignatius Loyola and his spiritual journey in historical context and as the foundation of Jesuit relevancy for reform today.

**Prerequisites:** THEO111

**Course Attributes:** Peace Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts and 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

**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

**Course Attributes:** 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

**Course Attributes:** Theology Perspectives

**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

**Course Attributes:** Theology Perspectives

**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

**Course Attributes:** Theology Perspectives

**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

**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

**Course Attributes:** 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:** Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Jewish Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 274 - Seminar: Worship in New Testament**

# **THEO 274 - Seminar: Worship in New Testament**

### **(3) Credit Hours**

An historical consideration of how the early Jesus believers worshipped in the ancient world.

**Levels:** Undergraduate, Graduate

*College of Arts and Sciences Theology*

## THEO 277 - History of Christian Thought II

# THEO 277 - History of Christian Thought II

### (3) Credit Hours

History of Christian thought from the sixth to sixteenth century. Special attention to the development of doctrine in the thought of Anselm of Canterbury, Hildegard of Bingen, Thomas Aquinas, Bonaventure, and Julian of Norwich.

**Levels:** Undergraduate, Graduate

*College of Arts and 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

**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

**Course Attributes:** Theology Perspectives

**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:** Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Theology Perspectives

**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

**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 contemporary systematic issues or figures. (For majors and other qualified students.)

**Prerequisites:** THEO111

**Restrictions:** Must be enrolled in one of the following Majors: Theology

**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:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 295 - Senior Seminar: Ideas & Method**

# **THEO 295 - Senior Seminar: Ideas & Method**

### **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:** Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 296 - Jewish Interpretations of Job**

# **THEO 296 - Jewish Interpretations of Job**

### **(3) Credit Hours**

This course presents the ways in which the Jewish tradition has confronted human suffering and particularly how these confrontations have been portrayed in interpretations of and commentaries on the book of Job.

**Course Attributes:** Jewish Studies Minor

**Levels:** Graduate, Undergraduate

*College of Arts and Sciences Theology*

## **THEO 301 - Church After Vatican II**

# **THEO 301 - Church After Vatican II**

### **3 Credit Hours**

A study of the key documents of Vatican II, highlighting the key ideas which deeply affected the Catholic Church over the following decades. An overview of the developments which grew out of the Council in such areas as Catholic identity, leadership, ministry, liturgy, social awareness and relationship with other faiths.

**Prerequisites:** THEO111

**Course Attributes:** Humanities Elective, 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 and other interested and qualified students.)

**Prerequisites:** THEO111

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, 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

**Course Attributes:** ERS Focus Elective, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **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

**Course Attributes:** Humanities Elective, Latin American Studies Minor, Peace & Justice Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **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

**Course Attributes:** Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **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:** Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 310 - Marriage and the Family**

# **THEO 310 - Marriage and the Family**

### **3 Credit Hours**

A practical overview of marriage in light of Church tradition and insights from contemporary studies. Team-taught with the interaction of several disciplines.

**Course Attributes:** Humanities Elective, Theology Perspectives

**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:** Undergraduate level THEO111 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, 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

**Course Attributes:** ERS Focus Elective, Humanities Elective, 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

**Course Attributes:** ERS Focus Elective, Humanities Elective, 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

**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

Current issues in light of Christian faith. Contact instructor for specific issues to be studied in a particular semester. Fulfills E/RS Focus Elective.

**Prerequisites:** Undergraduate level THEO111 Minimum grade of D and Undergraduate level PHIL100 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, 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

**Course Attributes:** Diversity Curriculum Require, GDST Women and Gender Conc, Humanities Elective, Theology Perspectives

**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

**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, 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

**Course Attributes:** Africana Studies Minor, 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

**Course Attributes:** Humanities Elective, Theology Perspectives

**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

**Course Attributes:** Environ Science/Studies Elect, ERS Focus Elective, Humanities Elective, Peace & Justice Studies 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

**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

**Course Attributes:** Humanities Elective, Theology Perspectives

**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:** Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Humanities Elective, Peace & Justice Studies 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

**Course Attributes:** ERS Focus Elective, Humanities Elective, Peace & Justice Studies Minor, Theology Perspectives

**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 the personal, political, practical, and spiritual aspects of peace. Capstone course for the Peace Studies Minor.

**Prerequisites:** THEO111

**Course Attributes:** ERS Focus Elective, Humanities Elective, Latin American Studies Minor, Peace & Justice Studies Minor, 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

**Course Attributes:** Humanities Elective, Jewish Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 350 - Saints: Origins to Internet**

## THEO 350 - Saints: Origins to 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:** ERS Focus Elective

**Levels:** Graduate Undergraduate

*College of Arts and 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

**Course Attributes:** Humanities Elective, Jewish Studies Minor, Theology Perspectives

**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

**Course Attributes:** Humanities Elective, Theology Perspectives

**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

**Course Attributes:** Humanities Elective, Jewish Studies Minor, Peace & Justice Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

**THEO 354 - Issues In Science and Religion**

# THEO 354 - Issues In Science and Religion

**(3) Credit Hours**

This course will explore the historical progression of our beliefs regarding the origin and structure of the universe. Specifically, the course will critique cosmological models put forth by Greek philosophers, medieval theologians, and modern scientists but with the greatest emphasis placed on modern Big Bang Cosmology.

**Levels:** Graduate, Undergraduate

*College of Arts and 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

**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 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

**Course Attributes:** Diversity Curriculum Require, 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 360 - Consumption As Problem**

# **THEO 360 - 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

**Course Attributes:** Peace Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts and 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

**Course Attributes:** Catholicism & Culture Minor, ERS Focus Elective, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 363 - Comparative Religions**

# **THEO 363 - Comparative Religions**

### **(3) Credit Hours**

The course will introduce and compare the three main religious traditions of South Asia: Hinduism, Buddhism and Jainism. It will explore both what is similar about these traditions as well as what is unique. The course will also look at the religious pluralism both as a general issue and how it works in India as well as the theoretical issues that arise in comparing religious traditions.

**Prerequisites:** THEO111

**Levels:** Graduate, Undergraduate

*College of Arts and 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

**Course Attributes:** ERS Focus Elective, Humanities Elective, 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

**Course Attributes:** 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

**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:** Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Diversity Curriculum Require, Humanities Elective, 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

**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

**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

**Course Attributes:** Diversity Curriculum Require, ERS Focus Elective, Gender & Diversity Studies, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 374 - Buddhist Christian Exploration**

# **THEO 374 - Buddhist Christian Exploration**

### **3 Credit Hours**

The course will explore the fundamental doctrines of each tradition and look at some of the ways that each tradition gives expression in daily life, and how such action is related to the doctrinal and ritual expressions within the two traditions. In the second half, the course will explore the following these: the potential relevance of Buddhist and Christian contemplative practices for everyday life, and the moral demands of religion on the individual and society as well as Buddhist-Christian ways of learning from each other.

**Prerequisites:** THEO111

**Course Attributes:** Diversity Curriculum Require, Gender & Diversity Studies, Humanities Elective, Peace & Justice Studies Minor, 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

**Course Attributes:** Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## **THEO 379 - Simple Faith**

# **THEO 379 - Simple Faith**

### **3 Credit Hours**

This course explores ways that various peoples through different eras of United States history have responded in faith to rising forces of industrialization, globalization, ecological devastation and violence. Specific peoples explored include Mother Ann Lee and the Shakers, Henry David Thoreau and the Transcendentalists, the Amish of North America, Dorothy Day and the Catholic Worker Movement, Harlan and Anna Hubbard, and Wendell Berry and friends. While each group responded to the complex social issues of their day in different ways, each response included an integrated vision of creation that might be summarized as one expression of simple faith.

**Prerequisites:** THEO111

**Course Attributes:** Peace Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Theology*

## **THEO 380 - Debt: Theological Inquiry**

# **THEO 380 - Debt: Theological Inquiry**

### **3 Credit Hours**

This seminar considers the history, anthropology, economics, and theology embedded in the phenomenon of debt. Student research will highlight the ethical entailments of this problem.

**Prerequisites:** THEO111

**Levels:** Graduate Undergraduate

*College of Arts and 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

**Course Attributes:** ERS Focus Elective, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 383 - Introduction To Kabbalah

# THEO 383 - Introduction To Kabbalah

### 3 Credit Hours

In this course we will follow major trends of Jewish mysticism. We will start our journey in the land of Israel with the Merkabah literature and migrate to medieval Germany and its Ashkenaz Hassidism and to Spain and the book of the Zohar, Gylatilla and Ecstatic Kabbalah of Rabbi Abraham Abulafia. We will end our introductory journey back in the Land of Israel with Isaac Luria and his school (16th century).

**Course Attributes:** Jewish Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Theology*

## THEO 386 - Religion and Economics

# THEO 386 - Religion and Economics

### 3 Credit Hours

**Prerequisites:** THEO111

**Levels:** Graduate Undergraduate

*College of Arts and 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:** Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 388 - Theology & Ecology

# THEO 388 - Theology & Ecology

### 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

**Course Attributes:** Environ Science/Studies Elect, ERS Focus Elective, Humanities Elective, Peace & Justice Studies 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 \201Cnational eating disorder,\201D 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

**Course Attributes:** Environ Science/Studies Elect, Humanities Elective, 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:** Undergraduate level THEO111 Minimum grade of D

**Course Attributes:** ERS Focus Elective, Humanities Elective, Theology Perspectives

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Theology*

## THEO 393 - Intro To Rabbinic Judaism

# THEO 393 - Intro To Rabbinic Judaism

### 3 Credit Hours

A survey of the achievements of the Rabbis (or Sages), the scholars who flourished during the first five centuries of the Common Era and who created and shaped the basic contours of the Jewish religious tradition as it continues to this day. The course will focus upon this history of the period, the major texts (Mishnah, Midrash, Talmud) that convey Rabbinic thought, and the theology and religious practice that distinguish Rabbinic Judaism.



**Prerequisites:** THEO111

**Course Attributes:** Jewish Studies Minor

**Levels:** Graduate Undergraduate

*College of Arts and 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

**Course Attributes:** Diversity Curriculum Require, ERS Focus Elective, Gender & Diversity Studies

**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

**Course Attributes:** Humanities Elective, Peace & Justice Studies Minor, Theology Perspectives

**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

**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 - Foundations of Scripture Study**

# **THEO 504 - Foundations of Scripture Study**

### **3 Credit Hours**

Introduction to the literary, historical, and religious context of the Hebrew Bible and the New Testament.

**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 507 - Religious Thought Of MLK Jr.

# THEO 507 - Religious Thought Of MLK Jr.

### (3) Credit Hours

This course examines the religious thought of Martin Luther King Jr. as a resource for Christian faith and American Democracy. King is understood through a three part framework as: a) a figure of popular culture, b) a historical figure and c) as a contemporary figure and tradition. We refer to these distinctions as the popular King, the historical King and the living King. Students will be introduced to primary and critical literature that empowers them to imagine and foster new possibilities for the church, society and world.

**Restrictions:** Must be enrolled in one of the following Levels: Graduate

**Levels:** Graduate

*College of Arts and 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 Betrayer

# 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

## 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.

**Levels:** Graduate

*College of Arts and 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

*College of Arts & Sciences Theology*

## 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

*College of Arts & Sciences Theology*

## THEO 524 - Journ Through Christianity II

# THEO 524 - Journ Through Christianity II

### 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

*College of Arts & Sciences Theology*

## **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

*College of Arts & Sciences Theology*

## **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

*College of Arts & Sciences Theology*

## **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

*College of Arts & Sciences Theology*

## **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

*College of Arts & Sciences Theology*

## 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

*College of Arts & Sciences Theology*

## 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

## 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

**Levels:** Graduate

*College of Arts and 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 569 - Introduction To Islam**

# **THEO 569 - Introduction To Islam**

### **3 Credit Hours**

Origin, development, and contemporary status of Islamic life and thought. Topics include the life of Muhammad, teachings of the Qur'an, developments in Islamic sectarianism, religious law and ethics, contemplative and ritual practices, and aesthetic values and expressions.

**Levels:** Graduate

*College of Arts and 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 - Theology and Migration**

# **THEO 607 - Theology and Migration**

### **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 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

### 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 650 - Holocaust Studies for Educator

# THEO 650 - Holocaust Studies for Educator

### 2 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**

**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, Fine Arts Old/Transition Core, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## THTR 120 - Acting I

# THTR 120 - Acting I

## 3 Credit Hours

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, Musical Theatre Minor, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## 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 and Sciences Music and Theater*

## THTR 150 - Stagecraft I

# THTR 150 - Stagecraft I

## 3 Credit Hours

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

## THTR 160 - Improvisation

# THTR 160 - Improvisation

**3 Credit Hours**

**Course Attributes:** Creative Perspectives, Fine Arts Old/Transition Core, Theatre Minor

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

**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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

**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, Fine Arts Old/Transition Core

**Levels:** Undergraduate

*College of Arts & Sciences Music & Theater*

**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)

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Music and Theater*

**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:** Fine Arts Old/Transition Core, Musical Theatre Minor, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## 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 & Theater*

## 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:** Fine Arts Old/Transition Core, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## 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:** Fine Arts Old/Transition Core, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **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:** Fine Arts Old/Transition Core, Gender & Diversity Studies, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

## **THTR 310 - Acting II**

# **THTR 310 - Acting II**

### **3 Credit Hours**

Building on the skills developed in Acting I, this class focuses on specific acting techniques associated with creating a Theatre of Conscience that seeks to engage with socio-political issues that directly affect a given community.

**Prerequisites:** Undergraduate level THTR210 Minimum grade of D

**Course Attributes:** Fine Arts Old/Transition Core, Musical Theatre Minor, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts and Sciences Music and 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 and Sciences Music and Theater*

## **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:** Undergraduate level THTR310 Minimum grade of D

**Course Attributes:** Fine Arts Old/Transition Core, Musical Theatre Minor, Theatre Minor

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

**THTR 351 - Internship**

# THTR 351 - Internship

**1 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Classifications: Junior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

**THTR 450 - Senior Thesis**

# THTR 450 - Senior Thesis

**3 Credit Hours**

**Restrictions:** Must be enrolled in one of the following Classifications: Senior

**Levels:** Graduate Undergraduate

*College of Arts & Sciences Music & Theater*

**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, 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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**David Mengel** (2003) B.A., M.Phil, M.A., Ph.D (University of Notre Dame), *Dean, College of Arts and Sciences*

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## Faculty

\*\*\*\*\***LISTINGS WILL BE UPDATED DURING THE FALL 2016 SEMESTER**

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*Clinical Faculty in Montessori Lab School*

ROSEMARY QUARANTA (2013)  
BA, MEd (Cleveland State University)  
*Clinical Faculty in Montessori Lab School*

MARIE REYNOLDS (2008)  
RN, BSN, CNL, MS, MSN (California State University, Los Angeles)  
*Clinical Faculty in School of Nursing*

THOMAS RUTHEMEYER (2004)  
BBA, MBA (Xavier University)  
*Clinical Faculty in Health Services Administration*

JOSHUA SHANKLIN (2013)  
BA, MEd (Xavier University)  
*Clinical Faculty in Montessori Lab School*

JACQUELIN SMITH (2008)  
BS, MS (Miami University)  
*Clinical Faculty in Education*

RONALD SPRINGMAN (2006)  
BS, JD (University of Cincinnati)  
*Clinical Faculty in Criminal Justice*

CYNTHIA SUBLETT (2003)  
RN, BSN, CNL, MSN, DNSC (Widener University)  
*Clinical Faculty of School of Nursing*  
*Director, Doctor of Nursing Practice Program*

JENNIFER J. TIGHE (1997)  
BA, MA (Miami University)  
*Senior Academic Staff in Communication Arts*

DAVID TOBERGTE (2007)  
BA, MEd, EdD (University of Cincinnati)  
*Clinical Faculty in School of Education*

NORMAN TOWNSEL (2013)  
PhD (University of Louisville)  
*Clinical Faculty in Counseling*

BETH TRACY-KALISKI (2015)  
BS, MEd (Xavier University)  
*Clinical Faculty/Early Childhood Head Teacher in Montessori School*

JOAN TUNNINGLEY (2006)  
BS, MS (Xavier University)  
*Clinical Faculty in Occupational Therapy*

MARY LISA VERTUCA (1976)  
BS, MEd (Xavier University)  
*Clinical Faculty in School of Education*  
*Program Director, Early and Middle Childhood*

\*\*\*The date in parenthesis is the date of first appointment at Xavier.

KARL P. WENTERSDORF, 1956-1987  
*Professor of English*

JAMAL ABU-RASHED, 1989-2011  
*Professor of Economics*

ALBERT F. ANDERSON JR., 1963-1993  
*Professor of Education*

JERRY W. ANDERSON JR., 1978-1993  
*Professor of Management*

PHYLLIS AUGSPURGER, 1990-2005  
*Associate Professor of Nursing*

TAYLOR BAKER, 1973-1988  
*Assistant Professor of Education*

ANN BEIERSDORFER, RSM, 1980-2002  
*Associate Professor of Art*

ELENA BLAIR, 1969-2003  
*Associate Professor of Philosophy*

ALBERT A. BOCKLET, 1974-1995  
*Associate Professor of Health Services Administration*

RICHARD H. BONVILLAIN, 1971-2005  
*Associate Professor of Philosophy*

JAMES BOOTHE 1987-2015  
*Associate Professor of Education*

JOSEPH A. BRACKEN, S. J., 1982-2002  
*Professor of Theology*  
*Director, Brueggeman Center for Interreligious Dialogue*

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*

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*

WILLIAM E. DAILY, 1966-2006

*Professor of Communication Arts*

JAMES A. DELANEY, 1963-1997

*Professor of Mathematics and Computer Science*

INDRAWANSA DESILVA 2004-2014

*Associate Professor of Communication Arts*

RICHARD E. DUMONT, 1963-1994

*Professor of Philosophy*

LINDA R. FINKE, 1976-2013

*Associate Professor of Biology*

DAVID C. FLASPOHLER, 1962-2005

*Professor of Mathematics*

ERNEST L. FONTANA, 1966-2013

*Professor of English*

JAMES P. GAFFNEY, 1965-2001

*Professor of Education*

RICHARD J. GARASCIA, 1942-1985

*Professor of Chemistry*

DANIEL W. GEEDING, 1969-2002

*Professor of Management*

JOHN R. GETZ 1968-2014

*Professor of English*

MARIE GIBLIN, 1994-2011

*Associate Professor of Theology*

JAMES GLENN, 1956-1995

*Associate Professor of English*

MARY RUTH GRAF, R.S.M., 1974-1999

*Professor of Theology*

RICHARD L. GRUBER, 1968-2006

*Associate Professor of History*

JOHN B. HART, 1950-2000

*Professor of Physics*

STANLEY E. HEDEEN, 1968-2006

*Professor of Biology*

NEIL R. HEIGHBERGER, 1968-2007

*Professor of Political Science*

DAVID HELLKAMP, 1967-2011

*Professor of Psychology*

BRENNAN R. HILL, 1984-2006

*Professor of Theology*

SHERRIE HUMAN, 1997-2008

*Professor of Management & Entrepreneurship*

CAROLYN S. JENKINS, 1980-2011

*Associate Professor of Social Work*

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*

WILLIAM JONES, 1969-2008

*Associate Professor of Philosophy*

MAX J. KECK, 1992-2001

*Professor of Physics*

WILLIAM KING, SJ, 1973-1990

*Associate Professor of Theology*

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*

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*

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*

BONNIE J. MILLER, 1981-2002

*Associate Professor of Nursing*

RAYMOND E. MILLER, 1965-2002

*Professor of Physics*

JON D. MOULTON, 1967

*Associate Professor of Political Science*

ROBERT J. MURRAY, 1960-1997

*Professor of Classics*

SUSAN K. NAMEI 1989-2010

*Assistant Professor of Nursing*

RAY O. NULSEN, JR., 1989-2003

*Associate Professor of Marketing*

PRISCILLA M. O'CLOCK 1992-2015

*Professor of Accountancy*

KENNETH R. OVERBERG, S. J. 1978-2015

*Professor of Theology*

DAEWOO PARK 1992-2015

*Professor of Management & Entrepreneurship*

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*

JACK REAMY, 1991-2006

*Associate Professor of Health Services Administration*

JO ANN M. RECKER, SND 1988-2014

*Professor of 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 M. RIORDAN 1973-2015

*Associate Professor of Education*

HELMUT J. ROEHRIG, 1981-2002

*Professor of Music*

JOHN C. ROTHWELL, 1964-1992

*Professor of Finance*

IDA CRITELLI SCHICK 1992

*Professor of Graduate Program in 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*

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*

JOSEPH M. SULLIVAN, 1967-1993

*Professor of Education*

JOHN F. TAFURI, 1951-1990

*Professor of Biology*

THEODORE C. THEPE, S. J., 1961-1997

*Associate Professor of Chemistry*

STANLEY C. TILLMAN, S. J., 1969-1987

*Professor of Philosophy*

TERRENCE P. TOEPKER, 1966-2007

*Professor of Physics*

GEORGE G. TREBBI, JR., 1973-2004

*Professor of Marketing*

DAVID C. TRUNNELL, 1968-2007

*Assistant Professor of Mathematics & Computer Science*

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*

MARY WALKER 1990

*Professor of Marketing*

PETER B. WEBB, 1968-1995

*Associate Professor of Information Systems*

JOSEPH WESSLING, 1966-2000

*Professor of English*

EDWARD WILZ, 1986-1995

*Professor of Accounting*

ROBERT E. WUBBOLDING, 1969-2001

*Professor of Education*

STEPHEN C. YERIAN 1979-2014

*Associate Professor of Physics*

ROBERT ZIMMERMAN, 1970-2003

*Professor of Economics & Human Resources*

\*\*\* Dates represent years of service to Xavier.

ANNE DAVIES (1999)

BA, MSLS (University of Kentucky)

*Head Resource Management and Sharing*

MICHELLE EARLY (1995)

BA, MLS (University of Kentucky)

*Head Technical Services and E-Resources*

MARTHA P. FERRELL (1985)

BA, MA, MSLS (University of Kentucky)

*Head Collection Development and Preservation*

KENNETH E. GIBSON (2014)

BFA, MSLS (University of Kentucky)

*Director of University Library*

PATRICIA A. GRECO (2002)

BS, MLS (Indiana University)

*Acquisitions Librarian*

MARGARET S. GROESCHEN (1998)

BS, MLS (University of Kentucky)

*Resource Sharing Librarian*

THOMAS P. KENNEALY, S.J. (1969)

MA, STL, PhL, MAT (Indiana University)

*University Archivist*

DAPHNE C. MILLER (2002)

BA, MLS (Kent State University)

*Cataloging Librarian*

ALISON W. MORGAN (2002)

BA, MSLS (University of Kentucky)

*Assistant Director, Access Services*

VICTORIA L. YOUNG (1985)

BA, MEd, MLS (University of Michigan)

*Head, Reference and Instruction Services*

## 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.*

## 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	1851
	Santa Clara University	Santa Clara	1855
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.)

**Association of Jesuit Colleges and Universities**  
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