

Catalog Home

Mission Statement

Xavier University of Louisiana, founded by Saint Katharine Drexel and the Sisters of the Blessed Sacrament, is Catholic and historically Black. The ultimate purpose of the University is to contribute to the promotion of a more just and humane society by preparing its students to assume roles of leadership and service in a global society. This preparation takes place in a diverse learning and teaching environment that incorporates all relevant educational means, including research and community service.

Xavier University of Louisiana

1 Drexel Drive

New Orleans, LA 70125

504-520-7411

<http://www.xula.edu>

University Academic Calendar

Fall Semester-2016

Spring Semester-2017

Summer Session-2017

The University Academic Calendar is subject to change. The current version is always available on Xavier's web site.

Fall Semester-2016

New Faculty Orientation	August 15-16
Institute	August 17
Registration	August 18-19
Classes Begin	August 22
Last Day to Add or Change a Course or Section	August 25
Labor Day Holiday	September 5
Last Day to Drop a Course Without a "W"	September 9
Last Day to Remove an "I"	September 30
Founder's Day Celebration	October 4
Contingency Days	October 10-11
Mid-Semester Evaluations Due	October 25
Last Day to Petition a "W" in a Course (Drop a Course)	November 4
Early Registration for Spring Semester	November 7-11
Comprehensive Examinations for Seniors	November 12
Last Day to Officially Withdraw from Xavier	November 18
Thanksgiving Holidays	November 23-25
Last Class Day Before Final Examinations	December 5
Quiet Day	December 6
Final Examinations	December 7-14

Final Grades Due (Noon)

December 16

Spring Semester-2017

Institute	January 4
Registration	January 5-6
Classes Begin	January 9
Last Day to Add or Change a Course or Section	January 12
Martin Luther King, Jr. Holiday	January 16
Last Day to Drop a Course Without a "W"	January 27
Last Day to Remove "I"	February 17
Mardi Gras Holidays (Spring Break)	February 27-March 3
Mid-Semester Evaluations Due	March 14
Senior Comprehensive Examinations	March 18
Last Day to Petition a "W" in a Course (Drop a Course)	March 31
Early Registration for Fall Semester	April 3-7
Easter Holidays	April 13-17
Last Day to Officially Withdraw from Xavier	April 21
Last Class Day Before Final Examinations	May 1
Quiet Day/Senior Grades Due (Noon)	May 2
Final Examinations	May 3-10
ALL Final Grades Due (Noon)	May 12
Baccalaureate	May 12
Commencement	May 13

Summer Session-2017

	Session One Five Weeks	Session Two Five Weeks	Session Three Eight Weeks
Registration	May 22	June 23	June 2
Classes Begin	May 23	June 26	June 5
Last Day to Add or Change a Course or Section	May 24	June 28	June 7
Independence Day Holiday		July 4	July 4
Last Day to Drop a Course	June 16	July 21	July 21
Final Examinations	June 23-24	July 28-29	July 28-29
Final Grades Due (Noon)	June 27	August 1	August 1

Policies And Procedures

Non-Discrimination Policy

Xavier University of Louisiana admits students of any race, color, national and ethnic origin, gender, sexual orientation, handicap, or religion to all rights, privileges, programs, and activities generally accorded or made available to students at the University. It does not discriminate on the basis of race, color, national and ethnic origin, gender, sexual orientation, or religion in administration of its employment and educational policies, admissions policies, scholarship and loan programs, and other University-administered programs.

Catalog Requirements and Policies

The information in this catalog applies to the academic years 2016-2017. Xavier reserves the right to change without notice any of its rules and regulations, programs and courses, tuition and fees, and any other matters described in this catalog, and to make such changes applicable to students already registered as well as to new students.

Students generally follow the academic program current at the time of their admission into the University and may not follow those of earlier catalogs. Exceptions may apply where requirements are imposed by state agencies (e.g., in education) or professional/certification organizations.

A student who changes his or her major department must follow the academic program in effect at the time of this change. Students who withdraw from the University and who do not return within four semesters must follow the academic program current at the time of their re-entry.

Changes to university policies that are approved after printing of this catalog can be found at <http://www.xula.edu/catalog/index.html>

Family Educational Rights and Privacy (FERPA)

Each Xavier student is held responsible for awareness of and compliance with all scholastic rules and regulations, the degree requirements in his/her program of study, and the policies and procedures in the student handbook (<http://www.xula.edu/student-handbook/index.html>).

Release of Information/Privacy of Education Records

The Family Educational Rights and Privacy Act (FERPA) also known as the Buckley Amendment, is a set of federal regulations established in 1974 that makes four specific guarantees to college students regarding the privacy of their education records. They are:

- The right to inspect and review education records;
- The right to seek to amend education records;
- The right to have some control over the disclosure of information from those education records; and
- The right to file a complaint against any institution for the alleged violation of these FERPA rights.

These guarantees are made directly to currently and formerly enrolled students, regardless of their age or status in regard to parental dependency. Parents, guardians and others do not have a right to access student records of eligible students without their signed, written consent to do so.

Student and Parent Rights Relating to Educational Records

Students have a right to know about the purposes, content and location of information kept as part of their educational records. Students have a right to gain access to and challenge the content of their educational records. Students have a right to expect that information in their educational records will be kept confidential, disclosed only with their permission or under provisions of the law. Students have a right to permit or prevent disclosure of certain information in their educational records. Parents have the right to expect confidentiality of certain information about them in student records. Students can complete a FERPA waiver through Banner Web. This waiver allows the University to share student data with those individual(s) designated on the waiver.

General Information

Mission Statement

Xavier University of Louisiana, founded by Saint Katharine Drexel and the Sisters of the Blessed Sacrament, is Catholic and historically Black. The ultimate purpose of the University is to contribute to the promotion of a more just and humane society by preparing its students to assume roles of leadership and service in a global society. This preparation takes place in a diverse learning and teaching environment that incorporates all relevant educational means, including research and community service.

Goals

So that they will be able to assume roles of leadership and service, Xavier graduates will be:

- prepared for continual spiritual, moral, and intellectual development;
- liberally educated in the knowledge and skills required for leadership and service; and
- educated in a major field so that they are prepared to complete graduate or professional school and to succeed in a career and in life.

History

There are 106 historically Black colleges and 244 Catholic colleges in the United States, yet only one is both historically Black and Catholic. That distinction belongs to Xavier University of Louisiana, which strives to combine the best attributes of both its faith and its culture.

Located in New Orleans, this small liberal arts college dates back to 1915, when Saint Katharine Drexel and the Sisters of the Blessed Sacrament initially founded their coeducational secondary school. Ten years later, in 1925, Xavier University of Louisiana was established. Mother Katharine came to the city at the request of the local archbishop to provide African Americans - at the time denied admission to existing local and state as well as Catholic colleges - with opportunities for Catholic higher education.

Although the Sisters maintain a vital presence on campus, Xavier is governed by an independent, lay/religious Board of Trustees on which the Sisters have representation.

Even with its special mission to serve the African American Catholic community, Xavier's doors have always been open to qualified students of any race or creed. Currently, 69.7 percent of Xavier's students are African American and 26 percent are Catholic.

Xavier currently enrolls approximately 3,000 students. More than half of these students (55.6 percent) are from Louisiana. The balance comes from some 40 states, Washington, D.C., the U.S. Virgin Islands, and several countries.

Xavier students are nurtured in the type of environment available only at a small college. A full-time faculty of 220 educators, religious and lay, of diverse ethnic and racial origins - 49.1 percent of whom are tenured - provides a comfortable student/faculty ratio of 14/1. Over 50 faculty members serve as endowed chairs or professors, which provides additional financial support for their research and teaching.

Xavier's undergraduate curriculum is centered in the liberal arts, with all students required to take a core of prescribed courses in theology and philosophy, the arts and the humanities, communication studies, history and the social sciences, mathematics, and the natural sciences, in addition to more intensive work in their respective majors. Opportunities exist for students to participate

in relevant research under faculty mentors. All students are encouraged to supplement their Xavier experience by serving internships as well as studying abroad.

More than half of Xavier's students currently major in the natural or health sciences, especially in biology, chemistry, and pharmacy. Other popular majors include business, psychology, mass communication and political science. In addition, the University offers high quality programs in a wide range of other disciplines in the fine arts and humanities, in social and behavioral sciences, in education and counseling, and other science areas.

Xavier is recognized as a national leader in the field of science education. Data compiled by the Association of American Medical Colleges indicate that Xavier is first among the nation's colleges and universities in the number of African American graduates who go on to complete medical school. Xavier is also one of the nation's top three producers of African American Doctor of Pharmacy degree recipients.

A National Science Foundation report ranks Xavier 1st in the nation in producing African American graduates who go on to receive life sciences PhDs., 5th in the nation in producing African American graduates who go on to receive science and engineering PhDs, and 7th in the nation in producing African American graduates who go on to receive physical sciences PhDs. A *Diverse Issues in Higher Education* magazine report showed Xavier tied for 12th nationwide in the number of African American students earning professional doctorate degrees.

The Department of Physics is among the top five in the nation for awarding African Americans baccalaureate degrees in physics and the physical sciences, according to the latest report from the American Institute of Physics (AIP). Xavier is consistently ranked by the American Chemical Society as one of the top universities in the nation in awarding bachelor's degrees in chemistry.

Although Xavier is best known for its various science programs, there are also very strong programs in the non-science areas. Xavier's Business Division is accredited by the Association of Collegiate Business Schools and Programs, its Education program is accredited by Council for the Accreditation of Educator Preparation, its Music program is accredited by the National Association of Schools of Music, and its Chemistry program is approved by the American Chemical Society. In addition, through its Institute for Black Catholic Studies, Xavier offers the only Master of Theology graduate program in Black Catholic Theology in the United States.

Xavier's College of Arts and Sciences and College of Pharmacy offer preparation in varied fields on the undergraduate, graduate, and professional degree level.* More than 28 percent of Xavier's students continue their education by attending graduate or professional school.

Tuition and room and board compare favorably with that of other private institutions. In addition, 87 percent of Xavier's undergraduates who applied for need-based financial aid qualified for it.

The 2017 edition of the *Fiske Guide to Colleges* named Xavier among its "Best Buy Schools" for academics and affordability. The publication has designated 47 such institutions - 26 public and 21 private - as "Best Buys." Xavier is the only Louisiana institution - and one of only four Historically Black Colleges and Universities (HBCUs) - to make the list. Xavier was also singled out as one of the nation's best institutions for undergraduate education by *The Princeton Review* in the 2017 edition of its annual "The Best 378 Colleges."

Xavier is a member of the Gulf Coast Athletic Conference, which is affiliated with the National Association of Intercollegiate Athletics (NAIA). Both men and women compete in basketball, cross country, tennis, and track and field, with the University fielding a women's team in volleyball.

Xavier alumni - now more than 21,000 strong - can be found in virtually every state and several countries. They teach and administer at schools on every level of education; they direct large corporations and small businesses; they hold leadership roles in national, state and local government; they command in the armed services, and they serve in the judicial system. Our graduates are actors, musicians, writers, engineers, counselors, social workers, and much more.

Location

Students who choose Xavier also get New Orleans, and it is easy to fall in love with New Orleans.

One of the great cities of the world, New Orleans continues to be internationally revered for its food, its music, its festivals and its people. New Orleans' culture, like Xavier's, demonstrates unity in diversity. In New Orleans, African American traditions creatively combine with traditions as diverse as that of the Native American, Spanish, French, Irish and Italian to create a cultural "gumbo" unlike any other in the world.

The diversity is manifest in a variety of ways. In the shadow of a growing skyline of modern skyscrapers, streetcars run on the oldest trolley line in the U.S., and charming buildings of another era stand, with their wrought iron balconies and leafy courtyards - vivid reminders of the French, Spanish, and African influences on the city.

New Orleans continues to feel the impact of other countries, as the nation's second largest port and the gateway to South and Central America. Spanish, for example, replaced French long ago as the city's second language.

New Orleans is living history which is not lost in the tempo of today, either in its bustling port commerce, its oil industry concentration, its growing center of financial institutions or its expanding tourist and convention activity.

Life in New Orleans has rich vitality. It can be sensed from jazz played in the city of its birth and the varied styles of New Orleans musicians. New Orleans fosters the arts. Museums are becoming increasingly responsive to all people. Theaters thrive. There is lively interest in ballet. Full seasons of opera and symphony performances are also offered.

New Orleans has a vibrant sports and recreational scene as well. The Mercedes-Benz Superdome is home to the 2010 NFL Super Bowl Champion Saints, while the Smoothie King Arena is the home of New Orleans' NBA franchise Pelicans. The city also hosts a minor league baseball team, the New Orleans Zephyrs. Audubon and City Parks and Lake Pontchartrain are counted among the city's recreational offerings. The Audubon Zoo and the Aquarium of the Americas are among the best of their kind.

The higher education complex of New Orleans is comprised of twelve public and private colleges and universities, including schools of medicine, dentistry, pharmacy, nursing, and theological seminaries.

The new University Medical Center, a \$1.2 billion medical complex recently opened and serves as the cornerstone of a biomedical district that delivers high quality health care, advanced research, and Level One trauma care; this Center also serves as the medical education center for excellence for healthcare professions in Louisiana.

Xavier's "campus" is, in reality, as large as New Orleans itself.

Students may cross-register for courses at several area universities. They serve internships at city hospitals, with businesses and in government offices; they student teach at area schools; they engage in work and cooperative education assignments; they perform with local musical and theatre groups; they involve themselves in community service projects.

Campus

Xavier is located near the heart of New Orleans. Situated near major thoroughfares, Xavier offers easy access to several city transit lines, placing the entire city at the doorstep of Xavier students.

The campus is a short distance from downtown with its commercial, entertainment and sports offerings. Many students can see the city skyline from their residence hall windows. Xavier is conveniently located for cross-registration at other universities and research experiences in the city's well-known hospitals and research centers. It lies adjacent to an inner city area, which serves as a learning and service site for the residential community of which it is a part.

The new Convocation Center, St. Katharine Drexel Chapel, and other recently constructed or renovated buildings give the impression of a very modern campus. Yet other buildings - massive structures of Gothic design - give a feeling of permanence and history.

Two quadrangles - one formed by the distinctive limestone architecture of the original campus buildings and the other formed by more recent state-of-the-art construction - make up the heart of the main campus. It is here where students meet, communicate between classes, and develop lasting friendships.

All residential students live in modern residence halls, with pleasant living quarters and facilities for studying, entertaining, and TV viewing. A cafeteria and recreational areas are located in the University Center.

Because Xavier is an inner city university, special care is given to providing security for its students, faculty, and staff. The campus is well-lit, and its buildings and parking areas are patrolled 24 hours a day by campus police.

The university has initiated several additional safety measures designed to alert the campus community and the proper campus authorities in the event of any emergencies that may occur, including communications service and "Code Blue" outdoor call boxes located around the campus that allow students to communicate an emergency directly to campus police and be seen via a video link.

Central offices in each residence hall are staffed 24 hours a day. Campus security personnel also provide information and seminars about crime prevention and other safety issues.

Library

As the center of intellectual life on campus, Xavier's Library Resource Center provides access to information in various formats including books, e-books, academic journals, media and electronic resources. By providing hands-on instruction, the Library promotes information literacy and enhances research skills among faculty and students.

The library currently houses more than 175,000 physical volumes and subscribes to more than 1,400 print journals and newspapers. With an increasing focus on digital resources, the collection has expanded to include 250,000 e-books, 50,000 e-journals, and over 150 electronic databases. Access to these resources is available 24 hours a day through the library website and online public access catalog. Current technologies housed within the library include 16 terminals for information retrieval, five circulating iPads, one flatbed scanner, charging stations, and a variety of media equipment available for loan through the Instructional Media Department.

The Access Services Department offers a full range of reference desk services throughout the day and evening including chat, text, and email consultations. Instructional sessions on constructive library usage and more effective research strategies are conducted by librarians and are available to classes by appointment. Through ILLiad and the Interlibrary Loan (ILL) Department, library patrons can borrow books and get photocopies of journal articles held by other libraries. Reference tools such as Refworks citation manager and Libguides subject-specific library guides are also available through the library homepage. Each librarian on staff serves as a departmental liaison, working closely with their assigned department(s) to enhance collection materials in that area.

At the heart of the Library, Archives and Special Collections houses more than 1,250 linear feet of records from every University department. This documentary history of Xavier is available to university administrators and faculty on a daily basis. In addition to institutional records, Archives and Special Collections holds and provides reference service to over 400 linear feet of rare manuscripts, letters, photographs, and other cultural artifacts related to African American history and culture, the history of Louisiana and the Gulf-Caribbean region, U.S. Roman Catholicism, as well as the creative writing of the modern Deep South.

The Instructional Media Department houses instructional materials in a variety of formats. Classical and jazz recordings are available on LP, audiotape, and compact disc. The department also provides access to a collection of films by Africans and African Americans, whose settings are based in New Orleans and Louisiana, as well as filmed adaptations of classic literature. Listening and viewing equipment is available in specially-designed classrooms, as well as individual study carrels. Videography services are also available upon request to the Media Specialist.

The Library Resource Center is open until midnight five nights a week. Reference, Circulation, and Media services are available on weekends when school is in session. Special hours are observed during holidays, exam periods, and during the summer months.

Student Life

The University offers many services, resources, and programs that enhance student life experiences under the administrative supervision of the Division of Student Services. Directed by the Vice President for Student Services, Student Services departments and programs provide students opportunities to learn and develop through out-of-class experiences. Co-curricular programs coordinated by the departments serve to complement the academic mission and enrich the overall educational experience of students through the interweaving of students' academic, interpersonal, and developmental experiences. Students who engage in Student Services programs, activities and services will acquire and use cognitive and practical skills that will enable them to live healthy, productive, and purposeful lives.

Mission of The Office of Student Services

The Office of Student Services offers students opportunities to grow as individuals and as students. In providing these opportunities, the expectation is that students will develop broad competencies in personal growth and development, interpersonal development, leadership and service development, environmental and cultural development, and understanding and commitment to social justice for all humankind.

Student Handbook

The Xavier University Student Handbook provides general information that facilitates adjustment to college life. All students are required to know and comply with all guidelines, policies, and regulations contained in the Handbook. The XU Student Handbook is available online. Each student is expected to have a copy which can be obtained from the Student Services Offices in the University Center.

Activities and Student Involvement

Athletics and Recreational Sports

The balanced Athletic and Recreational sports program offers is an important educational experience an array of programs and services, and provides excellent training for students in all departments of the university.

Intercollegiate Athletics

Xavier Intercollegiate Athletics is a member of the Gulf Coast Athletic Conference (GCAC) of the NAIA (National Association of Intercollegiate Athletics). Xavier has an outstanding athletics program with varsity teams in basketball, tennis, cross country and track and field for men and women, and volleyball for women. The team mascots are Gold Rush for the men's teams and Gold Nuggets for the women's teams.

Campus Recreational Sports

The Campus Recreational Sports department offers intramural or club sports, and fitness and informal recreation programs. The Fitness Center provides an indoor running track, exercise and dance rooms, weight equipment and a variety of treadmills, elliptical machines, spinner and upright bikes, and much more. Group exercise classes are offered each semester. These activities vary in skill level to attract and involve students with differing interests and abilities.

Activities and Student Organizations

The Office of Campus Activities provides a comprehensive co-curricular program that encourages the personal development of students and enhances their educational experience through student life activities. Social, cultural and entertainment programs are designed to provide personal growth and development for students outside the classroom. This unit also coordinates and supervises the development of guidelines and procedures for University-recognized student clubs and organizations; it also provides programs for students to gain leadership and life skills through activities such as retreats, conferences and workshops.

Greek Life - The National Pan-Hellenic Council (NPHC) is the advisory and governing body of Xavier University's eight (8) social Greek fraternities and sororities. NPHC provides a forum for the exchange of ideas, to coordinate matters of common interest, to plan cooperative service and academic programs and to formulate membership intake rules, policies, and plans. Individual member organizations offer leadership, service, cultural and personal development opportunities. More information may be obtained from the NPHC Advisor whose office is in the University Center, Room 305B.

Leadership Opportunities - Students prepare for leadership roles and responsibilities through the use of multiple tools, tips and programs. One primary source of leadership development is XU LEADS (Leadership Education and Development Skills). This program engages emergent and advanced leaders and introduces basic and advanced leadership skills through teaching effective and ethical leadership practice. Students discover their approach to working with others and leading their peers, while understanding their personal values and opportunities to further develop as leaders.

Mobilization At Xavier - Mobilization At Xavier is the campus student umbrella organization that coordinates community service activities on and off campus. M.A.X. offers a variety of exciting and fun, but meaningful service opportunities to fit students' time and talents as they become active in the community and promote social awareness and civic engagement.

Student Government - The Student Government Association (SGA) is the official representative of students in University policy-making and administration. This organization establishes an accountable self-government and provides the opportunity for each student to participate in the responsible, individual and collective action as a member of the campus community. Its purpose is to plan, promote, and make recommendations for the interests and welfare of the student body as well as the University. It is charged with providing a forum for the expression of ideas and concerns as well as enacting legislation which regulates and funds student organization programs, other activities and services and the general conduct of student life. (<http://www.xula.edu/sga/>)

Xavier Activities Board (XAB) - The Xavier Activities Board (XAB) serves as the official planning body for major student activities. This student-run group provides diverse programming that appeals to the entire student body and aids in the development of the well-rounded student. Membership in XAB includes an Executive Board, Program Chairs, and representatives from the student body. XAB holds weekly meetings and all students are encouraged to attend and provide fresh ideas on educational, social, cultural and entertainment programs. XAB operates under the Campus Activities office and is advised by the Director of Campus Activities.

Services and Resources

Campus Ministry

Xavier University is a Roman Catholic institution. The Office of Campus Ministry (OCM) offers religious programs and activities for the entire University community and all religious affiliations. Opportunities are provided for students, faculty and staff to meet with the OCM staff to plan and prepare spiritual activities. These activities fall into several areas which include: spirituality, fellowship, community, and social justice outreach. Campus Ministry programs and staff members strive to foster spiritual development, provide religious education and continuing faith formation for the University Community. The Campus Ministry staff supports and fosters the development of emergent leaders shaped by religious and moral values for leadership and service of others. More information about Campus Ministry can be found on its website: (<http://www.xula.edu/campus-ministry/>).

Center for Student Leadership and Service

The Center for Student Leadership and Service is the home for New Student Orientation, Service-Learning, Leadership Development Programs and Volunteer Services. The Center for Student Leadership and Service guides the transition of new students to the university and promotes student leadership, community service and civic engagement. The programs and activities complement the academic curriculum and contribute directly to the University's Mission by implementing programs that will prepare students to assume roles of leadership and service in society, ultimately engaging students so that they may become facilitators of social change.

New Student Orientation assists the University's "new" students - entering freshman, transfers, and non-traditional students - in maximizing their potential and achieving personal and academic growth. Students are provided with a vital support system and connections to all areas of the University community. These efforts are facilitated by Peer Deans, student volunteers who mentor and act as liaisons to new students on campus and assist in planning Orientation. They make sure new students understand the importance of taking advantage of all resources available to them and becoming well-rounded students.

Leadership Development Programs prepare students for leadership roles and responsibilities through the use of multiple techniques. The XU LEADS (Leadership Education and Development Skills) program, comprised of emergent and advanced leaders, introduces basic leadership skills through teaching effective and ethical leadership practice. Students discover their approach to working with others and leading their peers, while understanding their personal values and growth process.

Volunteer Services is the hub for community service on campus. Its staff advises the student community service umbrella organization, Mobilization at Xavier, MAX, and is responsible for ensuring diverse community service experiences for all students. Many schools, agencies and hospitals register as partners and participate in the annual Community Service Fair to recruit Xavier students as volunteers. The office also offers monthly service projects, including Service Saturdays, offering students an opportunity to meet the most immediate community needs.

Xavier University's Office of Academic Affairs and Student Leadership collaborate in the planning and implementation of the First Year Experience (FYE) and Service Learning. **FYE** is a year long series of curricular and co-curricular activities focused on identification with what it means to be a Xavierite. The first year experience begins with acceptance to the university and ends with the beginning of a student's sophomore year at Xavier. All components of FYE emphasize the knowledge, skills and values that characterize a Xavierite. **Service-Learning** is a teaching method that enriches classroom instruction through linking learning in the community. Service-Learning aids students in developing critical thinking and practical skills and civic responsibility.

Counseling and Wellness

All students may obtain personal, behavioral, professional, individual, and group counseling through the Counseling and Wellness Center. Counseling is free and confidential to the full extent allowed by law. Students are assisted by counselors in exploring feelings, attitudes, motivation, academic abilities, study habits, time management, test taking, and coping skills, as well as many other areas of need.

The Counseling and Wellness Center Staff includes professionally-trained certified/licensed counselors, and a licensed clinical social worker. Referral services are available when needed. Emphasis is placed on aiding students and on maintaining a confidential counseling relationship.

Xavier's Wellness Programs for students, staff and faculty are coordinated through this office. The Wellness Programs encourage students to be the best that they can be in every area of their lives - physically, mentally, emotionally, socially, spiritually intellectually, academically and occupationally. Wellness programs include Wellness Awareness Activities (fall), a Wellness Awareness Day (spring), a weight reduction program (The Biggest Losers Contest), and a Recovery Day Celebration. In conjunction with Student Health Services, the Counseling and Wellness Center provides a cessation program for smokers. Many wellness reading materials are available, which include information on various topics, including: substance abuse, sexual assault and dating violence, depression, nutrition, stress management, smoking, self-esteem issues, conflict management and assertiveness training. The Counseling and Wellness Center also sponsors Wellness Peer Counselors, a student organization which helps other students, staff and faculty learn how to live a wellness lifestyle.

More information about the services of the Counseling and Wellness Center can be obtained on the website (<http://www.xula.edu/counseling/index.html>).

Disability Services

Academically qualified students who have disabilities are encouraged to attend Xavier University of Louisiana. Students requiring special assistance or consideration in order to meet program or degree requirements should apply for reasonable accommodations with the Office of Disability Service once they have been admitted to the university.

The Office of Disability Services provides a variety of services for students with a disability (temporary or permanent). The Office staff provides support and assistance to students with medical, physical, emotional, and/or learning disabilities. Among the services available are those related to accessibility of campus facilities, individual counseling, coordination of reasonable classroom accommodations, and referral to testing services, and governmental and community agencies.

Students with disabilities are encouraged to contact the Office of Disability Services immediately to make the necessary arrangements. Write to Xavier University of Louisiana Counseling and Wellness Center; Attn: Disability Services; One Drexel Drive, Box D; New Orleans, LA 70125; (504) 520-7315.

Health Services

The mission of Student Health Services is to provide the most efficient and effective medical care on behalf of Xavier students with the emphasis placed on mitigating illness. The goal of Student Health Services is to assist students in the development of good physical and mental health and provide educational information related to maintaining a healthy lifestyle.

The following immunizations are required for all students entering the University:

1. Tuberculosis (Tb) skin test (less than 6 months)
2. Measles, mumps, rubella (MMR) (2 doses)
3. Tetanus-diphtheria (less than 10 years)
4. Meningococcal meningitis vaccine (less than 5 years)

The immunizations listed above are required for all new students, students who have been out a semester or more, and recent graduates of the university who are reapplying for graduate or undergraduate credit.

These immunizations, in addition to the Immunization Compliance Form, must be submitted to Student Health Services prior to registration. Forms are available in Student Health Services and at: <http://www.xula.edu/student-health/documents/ProofofImmunizationComplianceForm.pdf>.

Health insurance is MANDATORY for ALL undergraduate students. It must provide coverage in the New Orleans area for both physician office visits as well as the emergency room. Students are billed for the student health insurance prior to registration. Students can waive the insurance if their private insurance meets University criteria. The waiver process can be completed online and is available on the Student Health website (<http://www.xula.edu/student-health/index.html>). This information is also available in the new student packet. If additional information is needed, contact Student Health Services at 504-520-7396.

Student Health Services offers a caring environment with a range of healthcare services, including primary health care, acute care (non-life threatening), a women's clinic, allergy shots, and health and wellness education.

Services provided in Student Health are unlimited to all currently enrolled Xavier University students.

Residence Life

Residence hall living allows students to meet and learn from a variety of interesting people and be in the heart of campus life. Resident students at Xavier are close to the library, university center, classes, dining halls, and all the facilities and programs designed to help students adjust and prosper at college. With over 1,100 students residing on campus, resident students will never be at a loss for people to meet and things to do.

Currently, Xavier offers four facilities for students interested in campus residency. All rooms in Xavier's various residence halls come furnished with beds, desks, dressers, and wardrobes. Also included are basic cable service, laundry facilities, Internet access through a direct link to the campus network and mini computer labs, Each hall also has a game lounge and study rooms throughout the hall.

New students should apply for residence through the Admissions office. Returning students apply for residence through the annual re-application process each spring for the upcoming fall semester. All residents who re-apply and have cleared their fiscal accounts with the university receive their residence hall assignment at the end of the spring semester. Those students who do not immediately receive assignments are usually assigned over the summer. Transfer students are housed on a space available basis. All residents must complete a housing agreement and emergency plan for the academic year. The University reserves the right to use residence halls between semesters and during summer breaks. On-campus storage is not available. All inquiries regarding housing should be addressed to the Office of Housing and Residence Life, reslife@xula.edu.

University Center

The University Center is the center of campus life at Xavier. The University Center serves students, faculty, staff, alumni and guests offering a variety of programs, activities, services, and facilities to complement the academic experience. An extensive array of cultural, educational, social and recreational programs provides students, in particular, the opportunity to balance course work and free time as cooperative factors in education. The University Center functions as the gathering place of the university community as it provides services and conveniences in offices for Student Government and student organizations, Student Services Vice President and departments, e-conference rooms, campus card center, campus mail service, campus dining hall and other outlets, a game room, a café, and a large study area that converts to a showcase lounge and much more.

University Police

Xavier's Office of University Police is responsible for maintaining a safe and secure campus environment. Students must understand that personal safety and security begin with the individual. The University Police Office is open 24 hours per day and serves as the information center to visitors entering the campus. Officers patrol the campus on a regular schedule by foot, bicycle, and vehicles. Officers also serve as crime prevention practitioners by re-enforcing safety and security information to Xavier's students, faculty, and staff. The Office of University Police offers several crime prevention and safety awareness programs throughout the year. The Office of University Police is a sponsor of a nationally accredited crime prevention program, "Rape Aggression Defense for Women," and has two certified instructors on staff.

Campus Emergency Alert Systems

Xavier University of Louisiana utilizes the BB Connect communication service to deliver all emergency messages and other time-sensitive notifications to students, faculty, and staff employees. The service enables the university to schedule, send, and track messages via four different forms of communication:

- Personalized voice messages to landline phones, cell phones, and e-mail addresses;
- Text messages to cell phones, PDAs, networked digital signage, and other text-based devices;
- Text messages to e-mail accounts; and
- Messages to TTY/TDD receiving devices for the hearing impaired.

Also, the university has installed "Code Blue" outdoor call boxes to provide additional security on campus. These are outdoor telephone stations around campus that allow pedestrian students or other campus visitors who may be in danger to communicate an emergency directly to campus police and be seen via a video link.

Admission

Requirements and Procedure

Admission decisions are made without regard to religion, gender, race, creed, color, national origin or handicap. These decisions are made by the Admissions Committee. The University attempts to enroll a diverse class of students each semester.

Deadlines: Applications and supporting documents must be submitted by the following dates:

	Fall	Spring
Freshmen*	March 1	December 1
Undergraduate Transfers	June 1	December 1
Pharmacy**	December 15	None
Graduate Programs***	July 1	December 1

* Applications for admission received after the deadline will be considered provided there are slots available in the in-coming class. The on-line application is the preferred method to apply to Xavier. Go to the University website (<http://www.xula.edu>) for more information.

** College of Pharmacy acceptances are made for the fall term only. The College of Pharmacy utilizes a centralized application system under PharmCAS (www.pharmacas.org). PharmCAS allows an applicant to upload an application, grade information, references, a statement of interest, PCAT scores, and TOEFEL scores (where applicable). For evaluation, the applicant sends directly to PharmCAS official transcripts from all U.S. schools attended and foreign transcript evaluations. After a PharmCAS application is complete, the College of Pharmacy will invite qualified applicants to submit a supplemental application and other materials for admission consideration to the Xavier University College of Pharmacy.

*** See Graduate Programs sections for information about admission deadlines for the summer.

Freshman Applicants

The following are needed for freshman applicants:

1. **An application for admission.** The University expects that answers to all questions on the application be accurate and truthful. Any falsification of information in the application may result in denial of admission or University disciplinary action. No application fee is required.
2. **A transcript of credits from a regionally- and/or state-accredited high school** indicating that the applicant has, or will complete, a minimum of sixteen academic units of secondary school work in college preparatory subjects, which include:

English	4 units
Mathematics	2 units (including Algebra)
Science	1 unit

Social Science	1 unit
Languages or Other Academic Electives	8 units

Students interested in majoring in any of the mathematics-related fields (accounting, computer science, mathematics, mathematics education, or any of the natural sciences) ideally should have four years of college preparatory mathematics courses, including two years of algebra, one of geometry, and at least one semester of trigonometry. It is recommended that natural science majors, in addition to the above-mentioned mathematics courses, should also take biology, chemistry and physics in high school.

In special instances where one or more of the required documents are unfavorable or the high school is unaccredited, the applicant may be admitted on a restricted schedule at the discretion of the Admissions Committee.

Veterans and other applicants who have not completed a regular high school program but who have taken the General Education Development test and obtained satisfactory grades or who have completed a Home School curriculum or earned a high school diploma from a school that has not received accreditation from the state or a regional accrediting association may be admitted by presenting official General Educational Development (GED) examination scores or a high school equivalency certificate in lieu of a complete high school transcript. This certificate may be obtained through the official state agency.

3. **Scores from the Scholastic Assessment Test (SAT) or the American College Testing Program (ACT).** Scores from tests taken between April of the junior year and January of the senior year are preferred.
4. **Recommendation from high school counselor.**

Admissions Policy

Applicants to Xavier University of Louisiana will receive one of two types of admission: regular and conditional. Students will receive **conditional admission** if their application is accepted by the Xavier Admissions Committee and their ACT/SAT scores indicate that they are required to enroll in two or three developmental courses. Students accepted by the Xavier Admissions Committee who, because of their ACT/SAT scores, are required to enroll in at most one developmental course will receive **non-conditional or regular admission**.

1. **Students who receive conditional admission and are required to complete three developmental courses will receive regular admission and be allowed to enroll at Xavier after having completed at least one of the following:**
 - **Enroll and pass at least two of the required developmental courses prior to regular enrollment, OR**
 - Send in new ACT or SAT scores to the Admissions Office **by May 15th** that indicate scores in the regular admission range, or a requirement of at most one developmental course, OR
 - Take the designated placement test **by May 31st** and receive placement scores that indicate scores in the regular admission range, or a requirement of at most one developmental course.
2. **Students who receive conditional admission and are required to complete two developmental courses will receive regular admission and be allowed to enroll at Xavier after having completed at least one of the following:**
 - **Enroll and pass at least one of the required developmental courses prior to regular enrollment, OR**
 - Send in new ACT or SAT scores to the Admissions Office **by May 15th** that indicate scores in the regular admission range, or a requirement of at most one developmental course, OR
 - Take the designated placement test **by May 31st** and receive placement scores that indicate scores in the regular admission range, or a requirement of at most one developmental course.
3. **Students who receive regular admission and are required to complete one developmental course SHOULD do one of the following:**
 - Enroll and pass this course prior to the fall semester, **OR**
 - Send in new ACT or SAT scores to the Admissions Office that indicate scores in the regular admission range **by May 15th, OR**

- Take the designated placement test **by May 31st** and receive a placement score that does not require developmental coursework.

Developmental Courses

Students who score in a certain range on the ACT or SAT are required to enroll in a developmental course at Xavier. These developmental courses are:

- ENGL 0990, Preparatory English,
- MATH 0990D, Preparation for College Mathematics,
- RDNG 0992i, Intensive Reading and Study Skills, and
- RDNG 0992, Reading and Study Skills.

Developmental or intensive course placement ranges can be found on the Xavier Admissions webpage at: <http://www.xula.edu/admissions/documents/NewStudentInformationBooklet.pdf>

Transfer Applicants

A student transferring from an accredited institution must present an official copy of his/her transcript from each college-level institution attended. Secondary school records and standardized test results (ACT or SAT) may be required if the applicant has fewer than 20 semester hours of transferable credit. A recommendation from an appropriate university official (e.g., Registrar, Academic Dean, the Dean of Students, etc.) at each institution attended as a full-time student may also be required. The transfer applicant should be in good standing with the institution or eligible to return to it. A resume' or statement of activities may be required to account for extended periods of non-enrollment. Additional requirements may apply for admission to the College of Pharmacy (See the College of Pharmacy section for more information).

The University grants transfer credits only for courses in which the student has received a grade of "C" (2.00/4.00) or better and which are comparable to Xavier courses. Ordinarily the grades of transfer courses are not computed in the Xavier GPA. Not more than one-half of the credits required for the degree may be transferred from a community and/or junior college.

The University will confer a degree only after the applicant has fulfilled the requirement of at least 25% of course credit in residence. Eighteen hours of the 25% must be in the major with a grade of "C" (2.00/4.00) or better in each course and nine hours must be in the minor. At most 50% of transfer credit can be fulfilled from community college credits.

Applicants to Graduate Programs

Applicants to graduate programs should see the Graduate Programs section for more information.

Special and Non-Degree Seeking Students

Students may apply as non-degree seeking candidates at Xavier University and, if admitted, are eligible for enrollment on a semester by semester basis in the undergraduate program in the College of Arts and Sciences. Applications must be submitted and approved through the Office of Admissions.

Visiting (Transient) Students who are degree-seeking students at another institution may apply for enrollment at Xavier. Visiting students must provide a transcript or letter of good standing from their home institution.

Special Non-Degree Seeking Students are those students taking courses for enrichment or other special purposes. Students in this category must be high school graduates and provide evidence that they are eligible to take college-level courses at Xavier. Students in this category may accumulate a maximum of eighteen semester hours.

Concurrent Enrollment Program: The Xavier University Concurrent Enrollment Program allows a limited number of high school students with high-level academic ability to earn up to 12 semester hours of college credit while enrolled in high school.

Admission of Visiting and Special Non-Degree Seeking Students: The Office of Admissions will review the application, and if approved for admission, the applicant will receive official approval for enrollment. These students do not qualify for Xavier administered federal financial aid. Visiting students may inquire at their home institution for information on financial aid. Students may seek other sources of external financial aid.

After Admission

Upon notification of his/her acceptance for admission, an applicant will be required to submit a deposit which will indicate intent to attend the University. This deposit is deducted from tuition, fees, books, etc. and is in addition to any room deposit required of residence hall students.

Health Clearance is required. This requirement and all necessary forms can be found at: http://www.xula.edu/student-health/health_requirements.html.

Prior to enrollment, accepted freshmen must submit a final high school transcript that certifies graduation from high school. Transfer students must submit transcripts of work that was in progress at the time of admission.

International Applicants

In order to be considered for admission to the University, applicants should submit the following items prior to the deadline:

1. OFFICIAL school records/transcript;
2. Letter of Recommendation from a secondary school official;
3. Original certificate of national examination taken by the student;
4. Notarized Affidavit of Support indicating who will pay the cost of attendance;
5. Non-English speaking natives are required to submit official TOEFL (Test of English as a Foreign Language) scores.

APPLICATION DEADLINES ARE MARCH 1 FOR THE SUMMER OR FALL TERMS AND SEPTEMBER 1 FOR THE SPRING TERM.

The I-20 form for immigration purposes will not be issued until ALL the above-listed conditions have been satisfied. Students have found it beneficial in expediting passport procedures to have these requirements satisfied from **six to twelve** months prior to their intended date of departure. If an applicant has had previous college work outside the United States, the applicant must have his/her records evaluated by a private agency. The recommended agency is listed below with its address.

Educational Credentials Evaluators
P.O. Box 514070
Milwaukee, WI 53203-3470
(414) 289-3400

An applicant must contact this agency and request an application form.

U.S. federal financial aid is not available to international students attending Xavier University of Louisiana. However, international students should review the list of financial aid private scholarship opportunities on the university website to determine eligibility. International students should also investigate funding resources from organizations outside of the university in such categories as:

1. Academic/Professional Organizations
2. Advocacy Associations
3. Corporations or Corporate-Sponsored Foundations
4. Employer/Parent's Employers
5. Foreign Governments
6. Foundations
7. Loans
8. Non Profit Organizations

International students in need of financial assistance should begin the university selection process at least one year in advance to allow plenty of time to research and identify possible resources of funding, sit for required examinations, and complete the admission and financial aid applications before the stated deadlines.

Veterans

Xavier University is approved for the training of Veterans, War Orphans, and Children of Veterans under those provisions of law currently enforced. Returning veterans should obtain from their local Veterans Administration Office a Certificate of Eligibility to be presented to the Registrar for completion.

Veterans and others eligible for benefits under this legislation must comply with and meet all standards as set forth in this catalog and in particular those regarding:

- a. Probation and Dismissal
- b. Attendance
- c. Conduct
- d. Withdrawal

No veteran will be considered to have made satisfactory progress when he/she fails or withdraws from all subjects undertaken when enrolled in two or more subjects.

A veteran transferring from another institution will not be certified to the V.A. unless he/she has been counseled by the V.A., if he/she was suspended for unsatisfactory progress or conduct. A veteran student suspended from this institution will not be certified to the V.A. until counseled by the V.A. professional counselor.

A veteran who takes a course that does not count toward the chosen objective (normally a degree) is not considered to be making progress. A veteran cannot repeat a course he or she has passed unless his/her program requires a higher grade (e.g., a grade of "C" or better).

Readmission

A student who desires readmission to the University after an interruption of attendance for any reason must apply for readmission following the procedure outlined at: <http://www.xula.edu/admissions/applicationinfo.php>

Course Placement

The Office of Admissions at Xavier University has the initial responsibility for placement of students entering the University. SAT/ACT, high school GPA in selected courses, and placement tests in English, mathematics, reading, and languages are the main tools in this placement. Results of these tests are used to place students into regular, honors, or developmental freshman courses.

All entering freshmen whose ACT or SAT scores indicate that further testing is warranted should take placement tests in the recommended areas. Also, transfer students with fewer than 60 semester hours, or whose academic program at Xavier still

requires courses in mathematics or English, may be required to take placement tests. Students who do not take the tests in the recommended areas will be required to take developmental courses in those areas.

Failure of a placement test in any area invalidates transfer credit in that area.

Credit by Examination

Advanced Placement (AP) and International Baccalaureate (IB) Credit

Students with AP scores of 3 or higher can generally get college credit for the appropriate course at Xavier. College credit is also awarded for students who participated in IB programs and made the scores required by Xavier. Some medical and dental schools do not accept credit for AP and IB. Therefore, students should consult with their academic advisor regarding these courses. In order to receive credit, students should have AP or IB scores sent to the Admissions Office.

An appropriate math score on the ACT or SAT allows a student to by-pass pre-calculus (MATH 1030) and enter calculus (MATH 1070). Upon receiving a grade of "C" or better in MATH 1070 taken at Xavier University of Louisiana, the student will receive 4 semester hours of credit for MATH 1030.

For information regarding by-pass credit in a world language other than English, refer to the University's Language Placement and Credit Policy found on the University's website at: http://www.xula.edu/cas/documents/lang_placement_pro.pdf.

College Level Examination Program (CLEP)

Credit may also be awarded in certain subject matter areas on the basis of the College Level Examination Program (CLEP) Subject Examinations. However, credit will not be awarded on the basis of CLEP General Examinations. For information regarding which CLEP subject exams are honored by the University, the minimum passing scores, and their equivalent courses, check: <http://www.xula.edu/cas/credit-clep.html>. A maximum of thirty semester hours of credit by examination will be accepted toward the degree.

Financial Information

Students should be prepared to pay tuition, fees and other charges at the time of registration. A deferred payment plan is available for those students who wish to pay in installments.

The Payment Plan permits payments of accounts as follows:

Fall Semester - At the time of registration, a 50% down payment is due after a student's estimated Financial Aid is applied. Of the remaining balance, 50% is due on or before September 30th and the remaining balance plus any additional charges is due on or before October 30th.

Spring Semester - At the time of registration, a 50% down payment is due after a student's estimated Financial Aid is applied. Of the remaining balance, 50% is due on or before February 28th and the remaining balance plus any additional charges is due on or before March 30th.

NOTE: Work-study awards are not used as a credit to determine minimum payment when registering. Students are responsible for their account balance even if Financial Aid does not post.

The University accepts cash, personal, cashier's and official bank checks, money orders, Debit Cards, Visa, Master Card, American Express and Discover by mail and walk-in. Be advised that personal checks are electronically deducted from the checking account within 24 hours. Secure online payments are accepted via the internet at <http://www.xula.edu> under Online Resources (Banner Web).

A finance charge of 1.5% (annual percentage rate of 18%) shall be charged each month on the unpaid balance. In the event of non-payment of any one or more installments, all unpaid installments become due and payable, without demand or notice. The University reserves the right to terminate the enrollment of any student who fails to make timely payments of any installment. Reinstatement upon payment of a delinquent balance shall be at the discretion of the University, provided that academic restrictions regarding absence have not been exceeded.

Full-term charges are made in the case of students who enter after the semester has begun. No student is entitled to receive a grade, degree, statement of honorable dismissal, or transcript of record, while any account balance is unpaid.

No refunds are made for Thanksgiving, Christmas, or Easter vacations, or for holidays.

A late fee of \$100 will be charged to the student's account for any remaining payments after registration that was not made in accordance with the monthly payment plan.

NOTE: If a student drops classes after the official add/drop period, there will be no changes to his/her tuition and fees. For example, if a student drops from full-time to part-time after the final add/drop period, the student will be charged as a full-time student. If the student drops to zero hours, he/she must withdraw from the University. Please refer to the withdrawal policy for details on withdrawal calculations.

Tuition and Fees

Academic Year

College of Arts and Science

Full-Time (12-18 hours)	\$20,594
Part-Time (per semester hour less than 12 hours)	858
Overload (per semester hour over 18 hours)	600

College of Pharmacy

Full-Time (12-18 hours)	\$32,640
Part-Time (per semester hour less than 12 hours)	1,456
Overload (per semester hour over 18 hours)	1,000
Preceptors (per semester hour)	625
Module fee (required for all P1-P3 students) per semester	25
P-4 Clerkship fee (per semester)	625
Pharmacy Technology fee (P1-P3) per semester	550
Pharmacy Technology fee (P4) per semester	400
Pharmacy Assessment fee (All Pharmacy students) per semester	115
Post Pharm. D. (rates same as Pharm. D. students)	

Graduate Programs

Doctor of Education (Ed.D.) Tuition and Fees

Tuition per semester (fall, spring, summer)	\$6,240
Library fee per semester (fall, spring, summer)	200
Acceptance fee (payable once)	250

Tuition All Other Graduate Programs

Per semester hour	425
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Graduate Program Mandatory Fees

Student Activity fee per semester	40
Identification card per semester (fall, spring, summer)	10
Application fee (payable once)	30
Yearbook (one semester only)	25
Technology Fees - Fall, Spring, & Summer	
1-8 hours per semester	200
+9 hours	400

Room and Board Charges

Living and Learning Center

Resident Room - Single Student	\$10,476
Resident Room - Two Students	9,048
Resident Room with Living Room - Two Students	9,464
Large Resident Room - Single Student	11,340
Large Resident Room with Living Room - Single Student	11,772
Resident Suite - Four Students	9,256
Resident Suite - Two Students	11,128

St. Martin dePorres

Resident Room - Two Students	9,256
Resident Room - Single Student	11,556

St. Michael:

Resident Room - Two Students	8,528
Resident Room - Single Student	10,368
Large Resident Room - Single Student	11,016

St. Katharine Drexel:

Resident Room - Single Student	10,800
Resident Room - Two Students	8,528

Mandatory Housing

Fees

Housing Fee (each semester) 20

Laundry (each semester) 40

Mandatory College of Arts and Sciences & Pharmacy

Identification card (per Semester) \$10

Yearbook (one semester only) 25

Student health insurance (annual rate - subject to change) 1,312

Student activity fee (per Semester) FT/PT 75/40

A & S Information technology fee (per Semester) FT/PT 400/200

New Student/Freshman Orientation Fee (one semester only) 150

Lab Fees

Arts and Science (each lab per semester) \$65

Pharmacy (each lab per Semester) 65

Mass Communications (per Semester) 10

Music Fees

1 semester hour (per semester) \$75

2 semester hours (per semester) 150

Graduation Fees

College of Arts & Science \$110

Pharmacy 135

In Absentia fee (additional)	30
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Other Fees

Student Teaching fee	\$200
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Late Registration (payable in cash at registration)	100
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Subject Change (per form)	10
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Transcripts (each)	5
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NSF Check Service Charge (each time returned)	30
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**Installment Payment
Plan**

Interest - .75% per month on the unpaid balance

Late fee - 4.5% of the unpaid balance at the end of
each semester (assessed on December 1st and May
1st)

Campus Accommodations

Room reservation fee/security deposit (upperclassmen)	\$300
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Room reservation fee (for incoming Freshmen and Transfers)	100
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(Credit to account after
final withdrawal from
dorm)

Summer Tuition

College of Arts and Sciences (per hour)	\$260
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College of Pharmacy (per hour)	625
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Graduate School (per hour)	275
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Institute for Black Catholics Studies (per hour)***	275
ID Cards	10
Student Activity Fee (all students) (per semester)	20
Labs (per semester)	65
Technology Fee (per semester)	50

Summer Sessions I, II, & III - 2016 Room & Board Charges

St. Michael/St. Joseph/Katharine Drexel (per week)	\$244
Living Learning Center (per week)	264
St. Martin dePorres Residence (per week)	264

Mandatory Room & Board Fees

Housing fee (non-refundable)	\$55
Laundry fee (per semester)	15

*** Additional Charges - See IBCS website

Refund Policy

Refunds are available to students who have withdrawn officially from the University. The withdrawal date shall be determined by the appropriate University Official in the Fiscal Office.

Refunds of Tuition and Fees

Two refund methods are used: the Xavier University Institutional Policy and the Federal Government Refund Policy.

If Student Withdraws:	X.U. Policy
Before classes begin	100%
Within week 1	75%

Within week 2	50%
Within week 3	50%
Within week 4	50%
After week 4	0%

For those students who have registered at the University with the assistance of Federal Financial Aid, the following policy applies:

Tuition and some fees are credited to the students' accounts based on the percentage of the enrollment period completed (up to 60%). The percentage to be credited is determined by dividing the number of days remaining in the enrollment period by the number of days in the enrollment period.

Room and Board Charges

No refund is given for dormitory rooms. Board charges are refunded on a pro-rata daily basis of 17 weeks per semester.

Cancellation of Housing

All current residents (including graduating seniors) who will not return to campus housing next term must officially cancel housing by the deadline indicated below to be eligible to receive a housing deposit refund. The housing deposit refund policy will be enforced as follows:

Deadline	Amount of fees* refunded or payable upon cancellation
On or before April 1 (fall); Nov. 1 (spring)	\$200 deposit refunded
April 1 - May 31 (fall)	\$100 deposit refunded
June 1 - July 31(fall)	\$0 refunded; 100% forfeiture
August 1 - First day of class (fall), December 20 - First day of class (spring)	100% deposit forfeiture <i>plus</i> \$250 late cancellation penalty fee assessed if enrolled
Upon Check-In to the Residence Hall	100% deposit and room cost forfeiture <i>plus</i> prorated board costs

*The \$100 reservation paid as a new or transfer student is non-refundable. The refund schedule posted above only refers to the \$200 additional deposit paid by upperclassmen.

Allocating a Portion of the Refund to Student Aid Programs

In the case of those students who have registered at the University with the assistance of Federal financial aid, government regulations determine what portion of the calculated refund must be returned to the Title IV Financial Aid Programs. Government regulations also specify the order in which monies will be refunded to the aid programs and the student. The University must distribute the refund in the following order:

1. Unsubsidized Stafford Loans
2. Subsidized Stafford Loans
3. Unsubsidized Direct Loans
4. Subsidized Direct Loans
5. Federal Perkins Loans
6. Federal PLUS Loans
7. Direct PLUS Loans
8. Federal PELL Grants
9. Federal Supplemental Educational Opportunity Grant (FSEOG)
10. Other Title IV Programs

Examples of the refund policy and calculations are readily available to students upon request in the Office of Student Accounts located in Xavier South, Room 300.

Any changes to this policy will be distributed to all students and made available to the public in the Admissions Office, the Office of the Registrar, and the Office of Student Accounts.

W\$ Policy

Note: The W\$ policy is currently under review for potential revision. If revised, the corrected policy will be published on the Xavier website and in the catalog addendum.

Students who have not satisfied their financial obligations to the University are prohibited from taking final examinations. Students who receive fiscal clearance after the date/time of his/her final examination(s) will NOT be given a make-up examination. In this case, the W\$ grade remains as a permanent part of the student's record. Students will, however, be allowed to take any remaining scheduled examinations once they receive fiscal clearance and will receive letter grades in those course(s).

At the close of each semester, students who have all W\$ grades will have their records processed for inactivity just as any other withdrawal from the University, including CANCELLATION OF EARLY REGISTRATION AND ROOM RESERVATION.

Once a student has cleared his/her fiscal obligations, he/she will receive a form allowing him/ her to request reinstatement. This form must be completed and returned to the Office of the Registrar two weeks prior to the spring semester if the W\$ grades were in the fall semester and the student wishes to return the following spring. Otherwise, this form must be returned two months prior to any semester for which readmission is sought.

The first time a student receives all W\$ grades and requests reinstatement, readmission will be automatically granted. Any subsequent times, readmission will be contingent upon a favorable review of the student's record by the Academic Standing Committee.

Financial Aid

Introduction

Xavier has traditionally offered the opportunity of a college education to academically qualified students, regardless of the financial resources of the student or the student's family. Although Xavier feels that the student and family have the responsibility to contribute to the cost of a college education, the University is prepared to provide financial assistance. In fact, over 75% of the students attending Xavier receive some type of financial assistance.

Sources of Financial Aid

Money for a student's financial aid package comes primarily from four sources - the federal government, the state government, Xavier University, and private programs. The federal government supplies the majority of financial aid.

Federal grant programs include: the Federal Pell Grant, the Federal Supplemental Opportunity Grants (FSEOG), and the Teach Grant.

Loans include: the Federal Perkins Loans, Federal Direct Student Loans, and Federal Direct Unsubsidized Loans, the Federal Direct Graduate PLUS Loan, and the Federal Direct PLUS Loans.

The Federal College Work-Study Program provides work aid.

How to Apply for Financial Aid

All students must apply for financial aid by completing the Free Application for Federal Student Aid Form to determine their eligibility for aid (including all loans). Financial aid applications may be obtained online at <http://www.fafsa.ed.gov>. Electronic applications must be completed by the student and his/her parents.

Note: Student and Parent must create an FSA ID at <https://fsaid.ed.gov/npas/index.htm> to electronically sign their FAFSA application.

When to Apply

All students must file for financial aid as soon as possible after January 1 of each year. Beginning with the 2017-2018 FAFSA students will be required to report income and tax information from an **earlier** tax year. In addition, students will have the ability to submit a 2017-2018 FAFSA as early as **October 1, 2016**, rather than January 1, 2017. The earlier submission date will be a permanent change, enabling students to complete and submit a FAFSA as early as October 1 of *every* year. Students must use the **IRS Data Retrieval Tool (DRT) to obtain the prior year's tax information. Follow all instructions carefully when completing the form.** The student will receive an e-mail notification as a result of filing their Financial Aid Application.

How Eligibility for Financial Aid is Determined

In order to determine eligibility for Federal Financial Aid students must complete the Free Application For Federal Student Aid using the information provided by the parents and students on the FAFSA. Once a student files the FAFSA using Xavier University's school code (**002032**), the Financial Aid Office will receive the student's records electronically. The Financial aid application (FAFSA) will be evaluated, and, if valid (no discrepancies), an award offer will be emailed to the student. The electronic award offer will list all financial aid that the student was determined eligible to receive. If the records are invalid (discrepancies) or rejected, the student and/or parents must provide the requested required documents before an award offer may be prepared.

The Award offer must be accepted or denied electronically. All financial aid is awarded on the availability of funds. In addition, students must meet Standards for Satisfactory Academic Progress.

If the student is a first time Loan borrower, the student must sign a master promissory note and complete the entrance counseling.

If a student **stops** attending classes, the **amount** of financial aid awarded must be recalculated based on the **last date of attendance**. Unused aid must be returned to the Federal Government.

Family Educational Right and Privacy Act (FERPA)

Any student that would like to share their financial information with another individual must complete the FERPA form online. The form enables the office to release or discuss your student financial aid and scholarship information **only to individuals you request**. The form is available on Banner Web.

Satisfactory Academic Progress Policy for Financial Aid Eligibility

Introduction

The Higher Education Act of 1965 as amended and final regulations set by the United States Department of Education (34CFR668.16) require that institutions of higher education establish reasonable standards of Satisfactory Academic Progress as a condition of continuing eligibility for federal aid programs. Financial aid recipients are expected to make reasonable progress as a condition of receiving and continuing to receive student financial aid. Student progress is assessed according to both qualitative and quantitative measures. The qualitative measure (Grade Point Average-GPA) is very similar to the Academic Progress standard applied to all XU students. The quantitative measure, referred to as the student's "Pace" (number of credit hours successfully completed and the maximum timeframe) is used to monitor progress toward degree completion. When these measures are applied, federal regulations require that the student's entire academic history is considered. This includes semesters or terms during which the student did not receive student financial aid. The University has developed this policy to provide a framework for monitoring and determining a student's Satisfactory Academic Progress in accordance with Federal and Institutional requirements. This policy applies to all new, transfer, re-entry, readmitted with transfer work (for purpose of financial aid), and continuing students at Xavier University.

Quantitative Standards

Students are expected to complete the requirements for a degree within a reasonable time frame. Undergraduates pursuing a degree are allowed to attempt up to 150% of the published length of their academic program. For example, a first time undergraduate student must complete the requirements within 192 attempted hours (or higher for academic programs in excess of 128 hours). This includes both Xavier University attempted hours and hours transferred from other institutions that apply toward the student's degree, in accordance with the institution's transfer policy.

Undergraduate students must make incremental progress toward their degree based on the number of hours attempted; therefore, a minimum percentage of XU hours attempted must be completed at each interval. Students must also complete the degree requirements (based on their degree attempt or second degree attempt at the same level) and the associated maximum timeframe limit outlined in the SAP Policy. To meet this standard, students must complete the required hours attempted. See the Satisfactory Academic Progress (Pace) Chart for details.

Qualitative Standards

Title IV recipients use a scale that culminates in the graduation requirement in order to maintain satisfactory academic progress. The following chart is used to determine if Qualitative Standards are being maintained for continued financial aid eligibility.

Guidelines

Fulltime (12+ hours per semester) students will be allowed six academic years in which to complete a degree. Part-time students will be considered on a pro rata basis equivalent to requirements of full-time students. The number of hours in which a student is enrolled on the first day following the **end of the add/drop period** will be the official number of hours used to determine full-time or part-time status. Full-time students who drop below 12 semester hours following this date will still be considered full-time students for financial aid eligibility. Satisfactory Academic Progress for financial aid eligibility requires that the student's ratio of completed (earned) semester credit hours versus the student's enrolled (attempted) semester credit hours at the end of the drop/add period adhere to the following guidelines:

Satisfactory Academic Progress Chart (PACE)

College of Arts & Sciences (Undergraduates and P1 Students)

Hours Attempted	PACE (Percent of earned hours needed)	Minimum Grade Point Average Required
0-48	50%	1.8
49-75	55%	2.0
76-100	60%	2.0
101-125	65%	2.0
126 and above	70%	2.0

College of Pharmacy (P2, P3, P4)

Hours Attempted	PACE (Percent of earned hours needed)	Minimum Grade Point Average Required
9 hours and above	75%	2.0

Graduate School

Hours Attempted	PACE (Percent of earned hours needed)	Minimum Grade Point Average Required
3 - 42 hours and above	75%	3.0

Hours attempted and hours completed in summer school will be included in the calculation of eligibility.

Course withdrawals, developmental courses and incomplete courses are counted in the hours attempted towards the **quantitative (PACE)** measure of the satisfactory academic progress policy.

Course withdrawals and incompletes are not counted in the student's grade point average and **are not** counted in the **qualitative (GPA)** measure of the satisfactory academic progress policy.

Transfer credits earned prior to the student's enrollment at Xavier University will be used for quantitative (PACE) measure purposes to determine the minimum required earned hours.

Transfer Students

Transfer students must enroll at Xavier with at least a 2.0 GPA to qualify for Federal Financial Aid. A transfer student is one who has not attended Xavier prior to transferring into the University. Students admitted on academic probation for the first time may qualify for their eligible Federal Student Aid on Financial Aid Warning for the term which they are admitted to Xavier if it can be documented that they will be able to meet the GPA requirements in one semester. This documentation will come from the students Transfer Counselor in Admissions. If the student will not be able to meet the GPA requirements in one semester, then he/she must submit an appeal to the Office of Student Academic Success to have their eligibility considered for reinstatement.

For those students who may qualify for the Financial Aid Warning period, upon the next payment period, the student must meet all SAP eligibility components or the student will lose his/her eligibility for financial aid. **Students who do not meet the Xavier Federal completion ratio requirement or have met the total attempted hours' limitation must submit a SAP Appeal Form to have their eligibility considered for reinstatement.**

First Time Freshman Students

First Time Freshman students admitted on academic probation will receive their eligible Federal Student Aid on Financial Aid Warning for the term which they are admitted to Xavier if it can be documented that they will be able to meet the GPA requirements in one semester. If the student will not be able to meet the requirements in one semester, then he/she must submit an appeal to the Office of Student Academic Success to have their eligibility considered for reinstatement. For those students who may qualify for the Financial Aid Warning period, upon the next payment period, the student must meet all SAP eligibility components or the student will lose his/her eligibility for financial aid. **Students who do not meet the Xavier Federal completion ratio requirement or have met the total attempted hours' limitation must submit a SAP Appeal Form to have their eligibility considered for reinstatement.**

Financial Aid Probation

Students who fail to meet one or more of the qualitative or quantitative standards at the evaluation period and are subsequently approved through the Appeals process may continue to receive financial aid on a probationary basis. At the end of one payment period on "Probation," the student must meet the minimum SAP standards on their own in order to continue to receive financial aid or meet the requirements of his/her Academic Plan to qualify for further funds. While a student is on "Probation," the student may be required to fulfill specific terms and conditions under the "Academic Plan" developed through the Office of Student Academic Success, such as taking a reduced course load, enrolling in specific courses, attending counseling sessions recommended by the SAP Appeal Committee or meeting a specified GPA and earned/attempted hour ratio at the end of each term. If a student placed on an Academic Plan fails to meet the plan's requirements at the end of each term on probation, the student will lose his/her eligibility for financial aid and will be required to submit a Financial Aid Appeal for reinstatement consideration for the next enrolled semester/term.

Grades

Grades of A, B, C, D or P are considered satisfactory. All other grades such as F, FE, W, W\$ or I are considered unsatisfactory.

Appeals Process

Students whose financial aid eligibility has been suspended based upon the provisions outlined in this policy have the right to submit an appeal to explain and document their mitigating circumstances. Mitigating circumstances are defined as a change in

grades or major, serious illness or injury, death of a family member or similar traumatic event. All appeals must be accompanied by supporting documentation (grade or major change forms, doctor's statement(s), death certificate, etc.) in order to regain eligibility. An appeal will be denied if sufficient documentation is not submitted with the appeal. The appeal may not be based on the student's *need* for the funds nor the *lack of knowledge* that eligibility of financial aid was in jeopardy. Appeals must explain why the student failed to make satisfactory progress and what has changed in his/her situation that will allow the student to meet the requirements at the next evaluation. The appeal must be submitted in writing within six weeks of notification of ineligibility. **Students who appeal must use the published Satisfactory Academic Progress (SAP) Appeal Form.** Appeals are approved for current or subsequent semesters only; appeals cannot be for prior semesters. **Students are limited to a maximum of two (2) financial aid appeals per degree attempt.** Direct questions regarding the appeals process should be directed to the SAP Appeal Committee via email at awoods@xula.edu. The SAP Appeal Committee will review the appeal within two weeks of the deadline for filing all appeals provided all the necessary documents have been submitted; the Student will be notified of the committee's decision by email within 10 business days of the date their appeal is documented and reviewed by the committee.

The Committee will not review Appeal Forms that are incomplete and/or lacking the required verification. The completed SAP Appeal Form should be sent to:

Xavier University of Louisiana
Director, Academic Programs and Advising
P. O. Box 164
One Drexel Drive
New Orleans, LA 70125

Filing an appeal does not guarantee Financial Aid or Academic reinstatement.

If the appeal is denied, the student may continue at his/her expense in order to regain his/her eligibility. Students will automatically be reinstated once they have completed an academic year with Satisfactory Academic Progress.

Types of Financial Aid Available

Scholarships

All freshmen are automatically considered for *Xavier University Scholarships* at the time of their application for admission. A number of factors determine the decision, primarily high school grade point average (computed on academic subjects only) and standardized test scores, as well as extracurricular involvement and a counselor's recommendation.

Xavier's scholarship program includes various scholarship levels, with some levels requiring a scholarship application. The following provides information regarding these scholarship levels. Complete information is provided on Xavier's website at www.xula.edu/admissions/scholarships.php.

Xavier University Academic Scholarships

These tuition scholarships are awarded to students based on a good high school GPA, above average ACT or SAT score, and a high school counselor recommendation. These awards, in varied amounts up to full tuition per year, are renewable for eight consecutive semesters. These scholarships are awarded at the time of admission.

Xavier Top Tier Scholarships

Eligible candidates will be reviewed by a Scholarship Selection Committee, and applicants must have an essay or writing sample, resume of extra-curricular activities, and a counselor recommendation. The limited number of Top Tier scholarships available to incoming freshmen at Xavier includes the following:

- **Board of Trustees Scholarship:** Recipients of The Board of Trustees Scholarship will receive full tuition, mandatory student fees, and room and board. The consideration criteria for this Scholarship includes a minimum 3.8 high school

grade point average, a minimum 28 ACT composite or 1250 SAT, combined Reading and Math, and demonstrated community involvement and leadership potential as evidenced in the admissions application and the scholarship application materials. The award covers eight consecutive semesters and accounts for any institutional adjustments in Arts & Sciences tuition.

- **President's Scholarship:** Recipients of the President's Scholarship will receive full tuition and a full housing allowance. The consideration criteria for this scholarship includes a minimum 3.8 high school grade point average, a minimum 26 ACT composite or 1170 SAT, combined Reading and Math, and demonstrated community involvement and leadership potential as evidenced in the admissions application and the scholarship application materials. The award covers eight consecutive semesters and accounts for any institutional adjustments in Arts & Sciences tuition.

Special Xavier Scholarships

- **St. Katharine Drexel Scholarship:** Valedictorians or salutatorians from any U.S. Catholic high school are eligible to receive this full tuition scholarship. The award covers eight consecutive semesters and accounts for any institutional adjustments in Arts & Sciences tuition.
- **Norman C. Francis Scholarship:** Valedictorians or salutatorians from public high schools in Orleans and Jefferson parishes are eligible to receive this full tuition scholarship. The award covers eight consecutive semesters and accounts for any institutional adjustments in Arts & Sciences tuition.

All scholarship packages that cover full tuition will be adjusted for any Arts and Sciences tuition increases. All Scholarship recipients must maintain a minimum 3.3 GPA and be in good institutional standing. Students with a GPA between 3.2 and 3.3 will be granted a probationary semester after which they can be fully reinstated if their cumulative GPA is 3.3 or higher. Students with a GPA between 3.0 and 3.29 will be granted a scholarship amount equal to 75% of their initial scholarship award. Additionally, students can attend University summer sessions at their own expense in an effort to raise the GPA to the required minimum. The above scholarships will be awarded for eight (8) consecutive semesters of full time enrollment provided the student maintains the continuing eligibility requirements which will be assessed at the end of each academic year.

Xavier University Grants

Xavier University Grants are awarded to students based on a good high school GPA, above average ACT or SAT, and a high school counselor recommendation. These amount of these awards varies up to a maximum of \$5,000 and are renewable for eight consecutive semesters.

A Xavier University Grant awarded to a first-time freshman is renewable for up to eight consecutive semesters of full-time enrollment and is reviewed annually. Recipients must maintain at least a 2.75 GPA.

Scholarships and Grants Initially Awarded to Transfer and Continuing Students

The criteria for these awards depend on the type of scholarship as described below. These may include a student's scores on entrance exams and prior academic record.

- **Departmental Scholarships:** Academic department and divisions provide scholarships based on criteria unique to each unit.
- **Transfer Student Scholarship:** Transfer student scholarships are based on a student's academic record at their previous institution. Awards range from \$2,500 to \$5,000.

All scholarship recipients will be required to complete an annual FAFSA and satisfy annual service requirements for the University and/or community. Scholarship amounts may be subject to adjustment based upon receipt of Federal and state grant aid. Academic scholarship and aid combined cannot exceed Direct cost to the institution. Direct cost includes tuition, room and board, and mandatory university fees. In the rare event that scholarship recipients from any of the above categories would need remedial courses as incoming freshmen, they would have to complete the necessary developmental courses prior to enrolling in the fall semester.

Scholarships are coordinated through the Office of Admissions and the Office of Student Financial Aid & Scholarships. As a member of the United Negro College Fund, Xavier University receives various scholarship opportunities throughout the

academic year. These competitive scholarship opportunities are available to all students enrolled at Xavier who meet the specific eligibility criteria determined by the donor. Enrolled students should contact this office for information regarding various scholarship opportunities.

Tuition Opportunity Programs for Students (TOPS)

TOPS is a comprehensive program of state scholarships for Louisiana high school graduates. A TOPS award is available through LOSFA (Louisiana Office of Student Financial Assistance) to all bonafide residents of Louisiana who meet the criteria. As a first-time freshman, eligibility is determined through high school transcripts, Student ACT Scores, and completion of the Free Application for Federal Student Aid (FAFSA). High school graduates who earn a 2.5 GPA on the TOPS Core Curriculum, a composite score of 20 on the ACT, are Louisiana Residents, graduated from an accredited High School, and meet the college prep curriculum outlined by the State of Louisiana will qualify for this program.

The award must be renewed every year. The following requirements must be met at the conclusion of every spring semester if a student has eligibility remaining:

- *If a student receives the TOPS Opportunity Award, he/she must earn at least a 2.3 cumulative GPA at the end of the first academic year or a 2.5 cumulative GPA at the end of all other academic years. The student must successfully complete no less than 24 credit hours during an academic year. (Summer and Intersession courses are counted towards the 24 hour rule.)*
- *If a student receives the TOPS Performance or the TOPS Honors Award, he/she must earn at least a 3.0 cumulative GPA. The student must successfully complete no less than 24 credit hours during an academic year. (Summer and Intersession courses are counted towards the 24 hour rule.)*

Rousseve Scholarships

Named in honor of the Rousseve family, outstanding alumni and supporters of Xavier University, the Rousseve Scholars Program offers high achieving students from all disciplines in the University an opportunity to receive a full tuition scholarship and a \$250 book allowance for an academic year. The top ten students in the sophomore, junior and senior classes are selected annually on the basis of the previous two semesters' GPA and, if necessary to break ties, the cumulative GPA (for sophomores the high school GPA is used). Eligibility guidelines require that students take the appropriate number of semester hours for advancement to the next classification level and have no grades of F's, U's, or W's (only W's after the first two weeks of classes are considered) during the academic year. Transfer students are not eligible.

Achievement Scholarships

Continuing students who have not received Academic and/or Rousseve Scholarships are eligible to apply for Achievement Scholarships as they become available. A limited amount of scholarship funds are available for students who demonstrate significant academic achievement, and verifiable financial need. These scholarships may be renewed, and the award amounts vary from year to year.

Included in this category are:

- The Teagle Scholarship, and
- The W. Randolph Hearst Scholarship

Athletic Scholarships (Full or Partial Tuition)

Athletic scholarships are awarded on the basis of athletic talent in men's or women's sports.

Corporate/Private Funded Scholarships

There are several scholarship opportunities that are funded by corporations, foundations, civic and social organizations, etc. The donors and sponsors establish the criteria for which funds will be awarded. Most of these scholarships are highly competitive, and students are often required to participate in an extensive application process. Other opportunities are based on nomination of students by faculty, staff, and administrators. These scholarships are usually merit based or some combination of merit and need.

Scholarships in this category include, but are not limited to, the following:

- Luard Scholarship, and
- Beinecke Memorial Scholarship

Other Scholarships

Because Xavier's scholarship resources are limited, students are encouraged to seek external scholarship funding. The University often receives announcements from third-party organizations about scholarships that are offered through these organizations. It is the policy of the University to offer students support and assistance in applying for scholarships from credible sources.

ROTC (Air Force, Army, and Navy) Scholarships

A variety of ROTC scholarships are offered to Xavier students along with university incentives and supplements. These scholarships are offered through the respective service departments which are located on the Tulane University campus. These scholarships provide tuition assistance, a textbook allowance, and a monthly subsistence allowance. More information can be obtained from the service departments located at Tulane University. The Tulane information number is (504) 865-5000.

Grants (These do not have to be repaid.)

Federal Pell Grant. Federal Pell Grants usually are awarded to undergraduate students who have not earned a bachelor's or a professional degree. Students may receive the Pell Grant for 12 semesters.

Federal Supplemental Educational Opportunity Grant (FSEOG) - FSEOGs are awarded to undergraduate students with exceptional financial need.

Teacher Education Assistance for College and Higher Education (TEACH) Grant - A TEACH Grant can help you pay for college if you plan to become a teacher in a high-need field in a low-income area.

Loans (These must be repaid.)

William D. Ford Federal Direct Loans (i.e., Federal Direct Subsidized, Federal Direct Unsubsidized). - The William D. Ford Federal Direct Loan Program is the largest federal student loan program. Under this program, the U.S. Department of Education is your lender. Four Types of Direct Loans are available:

Direct Subsidized Loans are loans made to eligible undergraduate students who demonstrate financial need.

Direct Unsubsidized Loans are loans made to eligible undergraduate, graduate, and professional degree students. Students are not required to demonstrate financial need to be eligible for these loans.

Direct PLUS Loans are loans made to graduate or professional students and parents of dependent undergraduate students to help pay for education expenses not covered by other financial aid.

Federal Perkins Loan. The Federal Perkins Loan Program is a school-based loan program for undergraduate and graduate students with exceptional financial need. Under this program, the school is the lender.

Work Study

Federal Work-Study provides part-time jobs for undergraduate and graduate students with financial need, allowing them to earn money to help pay education expenses.

Academic Information

Outlined below are general policies and guidelines followed by Xavier University of Louisiana. Graduate students in the College of Arts and Sciences are encouraged to refer to the Graduate Programs section of this catalog for additional information and requirements specific to their program. Students in the College of Pharmacy are encouraged to refer to the College of Pharmacy section of this catalog for additional information and requirements specific to their program.

Catalog Restrictions

Students generally follow the academic program current at the time of their admission into the University and may not follow those of earlier catalogs. Exceptions may apply where requirements are imposed by state agencies (e.g., in education) or professional/certification organizations.

A student who changes his or her major must follow the academic program in effect at the time of this change. Students who withdraw from the University and who do not return within four semesters must follow the academic program current at the time of their re-entry.

Grading Standards

A student's academic progress is measured quantitatively in terms of semester hours and qualitatively in terms of quality points.

A semester hour is the unit for computing the amount of work required for graduation. This is equivalent to fifty minutes of lecture per week for one semester. Two to three hours of laboratory or studio work are equivalent to fifty minutes of lecture.

Quality points are computed according to the grade the student receives. The scale of grades and points is as follows:

Grade		Quality Points per Semester Hour
A	Excellent	4
B	Good	3
C	Average	2
D	Passing	1
F	Failure	0
FE	Fail (excessive absence)	0
I	Incomplete	0
W	Withdrawal	0
W\$	(Administrative withdrawal for financial reasons)	0

AU - Audit

A student wishing to audit a course must obtain permission from his or her advisor. Students are required to pay the same tuition for auditing a course as those who register for credit. A student who audits a course is not obliged to turn in assignments nor take examinations. Regular attendance is required for a grade of AU.

A student may not change his status from audit to credit, or from credit to audit, without the written permission of his or her advisor. Such approval will not be granted after the third class day of the academic term.

FE - Failure due to Excessive Absences

In all 1000-level courses and all developmental courses, absence is considered excessive when a student misses more than:

- twice the number of times the class meets per week (Fall or Spring semester).
- four absences in Summer Session I or II (3- or 4-hour credit-hour courses).
- six absences in Summer Session III developmental courses.

The total number of absences includes days missed because of late registration or late enrollment in the course.

Xavier classes begin on the first day of the semester. If a student must change courses or sections of courses at the beginning of the semester, he/she: 1) is counted as absent until the professor is given documentation of completed registration and enrollment, and 2) is responsible for securing the syllabus and for becoming aware of the content covered in the missed classes. Absences experienced due to late registration into a course are included in determining the FE grade.

I - Incomplete

In order to grant an "I" grade, the instructor must have written approval from the college dean. The instructor prepares a written agreement (with a timeline for completion) regarding the expectations of the student. A temporary grade of "I" (incomplete), unless changed before the end of the sixth week of the semester following the one in which it was incurred, becomes an "F". Unless a prior waiver is granted, a student who receives an "I" at the end of the spring semester should complete the work before the end of the first summer school session.

W - Withdrawal

See the "Withdrawal (or Drop) from Courses" and "Withdrawal from the University" sections of this catalog.

W\$ Policy

Note: The W\$ policy is currently under review for potential revision. If revised, the corrected policy will be published on the Xavier website and in the catalog addendum.

Students who have not satisfied their financial obligations to the University are prohibited from taking final examinations. Students who receive fiscal clearance after the date/time of his/her final examination(s) will **NOT** be given a make-up examination. In this case, the W\$ grade remains as a permanent part of the student's record. Students will, however, be allowed to take any remaining scheduled examinations once they receive fiscal clearance and will receive letter grades in those course(s).

At the close of each semester, students who have all W\$ grades will have their records processed for inactivity just as any other withdrawal from the University, including CANCELLATION OF EARLY REGISTRATION AND ROOM RESERVATION.

Once a student has cleared his/her fiscal obligations, he/she will receive a form allowing him/ her to request reinstatement. This form must be completed and returned to the Office of the Registrar two weeks prior to the spring semester if the W\$ grades were in the fall semester and the student wishes to return the following spring. Otherwise, this form must be returned two months prior to any semester for which readmission is sought.

The first time a student receives all W\$ grades and requests reinstatement, readmission will be automatically granted. Any subsequent times, readmission will be contingent upon a favorable review of the student's record by the Academic Standing Committee.

Change of Grade

If a student believes that his/her grade is in error, he/she should contact the professor to discuss the concern. If the professor determines the grade is in error, the professor fills out a change of grade form, procures the signature of the dean and brings the form to the Registrar's Office.

Ordinarily grade changes are completed within the first four weeks of the following semester. No grade will be changed after the last day of class in the fall or spring semester following the one in which the grade was given. If the instructor-of-record does not change the grade, the student can bring the concern to the department head, then to the division chair, and then to the Dean's Office for further review. The final decision rests with the Dean's Office.

GPA - Grade Point Average

At the end of each semester a semester GPA is calculated by dividing the total number of quality points earned in that semester by the total number of semester hours taken for credit.

The student's cumulative average is computed by dividing the total number of quality points earned by the total number of semester hours graded. Only courses taken at Xavier University or through the Dillard/Loyola/Notre Dame Seminary/Tulane/Xavier partnership are used in computing the average. A grade of "C minus" from a partnership school is recorded as a "D" at Xavier; a "D minus" is recorded as an "F".

A cumulative average of 2.0, computed as defined above, is required for good academic standing and for the granting of a degree. Usually only the highest grade in repeated courses will be considered. In the College of Arts and Sciences, in order for a student to repeat a course more than once, there must be written permission of the student's departmental advisor or chair and the chair of the department in which the course is offered.

For all other purposes (e.g., in determining eligibility for holding office or graduating with honors), a student's average is computed by dividing the total points earned by the total semester hours graded on the college level at Xavier, exclusive of authorized withdrawals.

Grade Reports

Grades are reported to students twice each semester. The student obtains mid-semester and final grade reports online using his/her secure access. At the end of the semester, an official grade report is sent to the student's Xavier email address.

Classification of Students

Undergraduate students determine their academic progress according to their completion of specific entrance requirements and prescribed courses. To facilitate this determination, students are grouped according to the number of hours earned toward their degree.

Freshman	--
Sophomore	29*
Junior	62
Senior	95

*The 29 hours required for sophomore status must include 6 hours of English composition or ENGL 1023H with a grade of "C" or better. In addition, the student must have passed all required developmental courses before being classified as a sophomore.

Transfer of Credits for Current Students

Current students who wish to attend another school to obtain transfer credits (including summer school and those in fall or spring exchange or intercultural programs under the auspices of another institution) must follow the guidelines and procedures below. Credit will be given for courses taken by these students at another institution only when a student has obtained written approval prior to taking the course and when the earned grade is "C" or better (2.00/4.00).

Students must have a 2.0 average, have completed all required developmental courses as well as 6 hours of English composition or ENGL 1023H with a grade of "C" or better and attain sophomore standing before permission will be granted to enroll in another institution for transfer credit. Students may take only freshman-level or sophomore-level courses at a junior or community college. A student may not transfer more than 9 semester hours during any one academic year, that is, during a fall, spring, and summer.

A transfer student must have earned at least 29 hours of credit at Xavier before permission will be granted to take courses elsewhere.

Students are responsible for assuring that an official transcript of any credits earned elsewhere is sent to the Registrar at Xavier. Such transcripts must be received during the semester following that in which the credits were earned.

Approval for transfer of credits to Xavier from some other educational institution must be received **prior** to the student's enrollment at that institution. Otherwise, the credits will not be accepted at Xavier.

Students must complete a Request to Pursue Courses at Another Institution Form which can be obtained from the Registrar's Office. Approval is required for **specific courses**. The student must have the form signed by his/her advisor and the head of the department of the major in which he/she is enrolled, as well as the head of the department of the discipline that he/she will be studying. The form must be accompanied by suitable documentation - a college catalog or printout from a website giving a description of the course(s) and college schedule showing that the course(s) will be taught during the summer or semester that the student is attending the other institution. Upon completion, the form must be returned to the Registrar's Office. If a student enrolls in courses other than those specifically approved, the credits will not be accepted at Xavier.

If for some reason the course for which the student obtained permission is cancelled, the student is required to contact his/her advisor or chair to obtain permission for a change. The approved change must be documented by copies of email.

When approval is granted, credit is transferred from another accredited educational institution to Xavier upon receipt of an official transcript from the other institution indicating a grade of "C" or above (2.00/4.00). A grade of "C minus" does not transfer.

Academic Advising

Proper course selections and conformity to catalog requirements are ultimately the responsibility of the student. Xavier requires every student to have an academic advisor, a faculty member from his/her major department assigned by the department head. The student is responsible for consulting the advisor prior to each registration.

Registration

Times for pre-registration and registration are listed on the University's Academic Calendar. Registration is not complete until a student is fiscally cleared and the fees for the semester have been settled to the satisfaction of the Office of Fiscal Services. Until such settlement has been made, the student is not entitled to attendance in any class or to any individual instruction.

Students are responsible for the selection of their courses in meeting degree and certification requirements. Although there are many opportunities to obtain guidance from academic advisors and from department heads, **students must assume the final and complete responsibility for the selection of courses and for proper registration.**

After a student has registered, he/she is expected to attend all classes in accordance with the program recorded on the official registration form. Once the drop/add period has passed, changes in schedule must be approved by the student's department head or advisor. Once approval is received, courses must be dropped on or before the last day to withdraw from a course as indicated on the academic calendar. No change in class section or course is valid or official unless it is recorded with the Registrar. A fee will be charged for this service.

Courses dropped without following the above procedure will be assigned a grade of F or FE.

In order to register later than the last date assigned for registration on the University calendar, a student must receive permission from the appropriate Dean and pay the late registration fee.

The University expects that answers to all questions on the registration records be accurate and truthful. Any failure in this regard will be addressed and appropriate action taken.

Summer School

Admission to summer sessions is governed by the same general requirements as for admission during the regular academic year. Transfer students who will be attending Xavier for the first time during a summer session should apply for admission by May 1. These students will be classified as transient students and must present a letter of good standing from the dean or other appropriate official of the institution where they are pursuing a degree. Freshmen students accepted for the fall semester may also attend the summer session.

The following academic policies are in effect during the summer session:

1. The University reserves the right to cancel any summer course for which there are fewer than ten students registered.
2. Undergraduate students are classified as full-time students in a summer session if they enroll for six semester hours.
3. Xavier students must follow the course credit restrictions elaborated in the following section.
4. Students who register after the registration period will be required to pay a late registration fee of \$100. Students will not be allowed to register after the second day of classes.
5. Students who wish to drop a course must complete an official add/drop form which can be found at the Registrar's Office. Approval for dropping a course must be obtained in writing from the student's advisor or chairperson, as well as the instructor of the class. This completed form must be turned in to the Registrar's Office, prior to the posted deadline.
6. The grade of I (Incomplete) is usually not given in any undergraduate course offered during the summer session.

Overloads and Load Restrictions

Ordinarily, students are not permitted to enroll in more than 18 semester hours (including courses taken at another institution) of course work per semester. Exceptions are made rarely and within the following guidelines: Department heads may allow Junior or Senior students to take up to 21 semester hours for specific reasons which are documented in writing in the student's departmental file. In order to receive approval, the student must have a minimum GPA of 3.0. If a student has a GPA of at least 2.5 and approval of the department head, an appeal may be made to the dean. In all cases, 21 semester hours (including hours taken online or at another institution) is the maximum for each semester. Students are required to pay additional tuition for each hour of overload (see Tuition, Fees and Expenses).

Ordinarily, students are restricted to 7 hours in each summer session. A chair may approve up to 9 hours for a summer session if a student has a GPA of 3.0 or higher. A student may not earn a total of more than 18 hours in the summer including courses taken at another institution. The maximum number of hours that may be transferred to Xavier University over the course of an academic year is 9 hours.

Students whose hours are restricted may not exceed the stated limit without permission of the college dean. Failure to comply with this regulation may result in the forfeiture of all excessive semester hours. A student on any type of probation whose schedule exceeds the number of hours to which he/she has been restricted must withdraw from the excessive hours or his/her schedule will be changed by the Office of the Registrar. The student will receive no credit for the hours he/she registered for in excess of the number permitted.

The University will confer a degree only after the applicant has fulfilled the requirement of at least 25% of course credit in residence. Eighteen hours of the 25% must be in the major with a grade of "C" or better in each course and nine hours must be in the minor. At most 50% of transfer credit can be fulfilled from community college credits.

Attendance

Class attendance is regarded as an obligation as well as a privilege, and all students are expected to attend regularly and punctually all classes in which they are enrolled. Students absent for any reason whatsoever are expected to do the full work of the course, and they are responsible to the instructor for work missed through late registration, illness, or any other cause. It is the responsibility of the student to make arrangements with the instructor in instances where there has been a legitimate and extraordinary reason for the absence that can be documented.

When a student misses five (5) consecutive classes, it must be reported by the instructor to Student Academic Support Office in the College of Arts and Sciences or the Student Affairs Office in the College of Pharmacy. Students absent from class for five consecutive days or more due to illness, family tragedy, etc., are to notify the dean of the college and submit appropriate documentation. The dean will send notification to professors. All absences in a course are counted until the course has been officially dropped. A student who is excessively absent may be withdrawn from the University upon the recommendation of the college dean. If a student **stops** attending classes, the amount of financial aid awarded must be recalculated based on the **last date of attendance**.

Attendance at assemblies and departmental meetings is expected and is an important part of Xavier's educational program.

Academic Integrity and Academic Misconduct Policy

The integrity of academic work is a concern of all universities and Xavier University of Louisiana strives for a culture of integrity and respect. Ethical conduct violations or academic dishonesty can take a number of forms and are grouped herein under the general heading of Academic Misconduct. The Academic Integrity Policy of the College of Arts and Sciences provides a multi-level course of action by which academic misconduct is reported, recorded, and appropriately assessed in a fair and equitable manner. Pharmacy students should refer to *College of Pharmacy Academic and Ethical Handbook*.

Sanctions for academic misconduct include academic censure, academic suspension, and permanent separation (expulsion) from the University.

The full text of the College of Arts and Sciences' Academic Integrity Policy includes examples of academic misconduct, procedural elements for reporting and subsequent actions for addressing academic misconduct, and the roles and responsibilities of the student, instructor, and the College of Arts and Sciences Academic Misconduct Hearing Committee. The full text of this policy can be found at <http://www.xula.edu/casindex/html>.

Academic Grievance Procedures

Students with concerns or grievances are encouraged to settle their concerns first with the instructor, then the department head, division chairperson, and only then with the college dean. Ordinarily, the Dean's Office expects a written summary of the concern and the actions taken to resolve the concern. The Dean's Office will then facilitate further discussions.

Withdrawal (or Drop) from Courses

Students are encouraged to make decisions about withdrawal from courses after they review their mid-semester grades. A date on which withdrawals are no longer permitted is found on the University Academic Calendar. In order to withdraw from a class, the student must obtain a withdrawal form from their department head or the Registrar's Office and speak with their advisor and the instructor of the course. The student is required to complete their withdrawal form and obtain the signature of the course instructor and their advisor. A withdrawal fee must be paid to the cashier and then the form and the proof of payment are submitted to the Registrar's Office. Failure to follow this procedure will result in an F or an FE for the course.

No student will be allowed to withdraw from a developmental course or a freshman seminar course without withdrawing from the University. An exception may be made to this policy only in the most extreme circumstances and then only with the written approval of the Dean of the College of Arts and Sciences.

Withdrawal from the University

To officially withdraw from the University during the course of a term, a student must:

1. Obtain a withdrawal form from the Office of the Registrar.
2. Obtain signatures of designated officials on the withdrawal form.
3. Return the completed form to the Office of the Registrar no later than one week after the student has stopped attending class.

Withdrawal is not complete or official until all signatures have been obtained and the form is returned to the Office of the Registrar. The student's withdrawal date is the date the student officially turns in the form with signatures to the Registrar. The last day to officially withdraw from Xavier is posted on the Academic Calendar.

The student who withdraws without submitting the appropriate paperwork will incur a failure in all courses for which he/she is registered, and no refund of any kind can be claimed.

In the case of serious illness, the student or his or her parent(s), guardian or legal representative should request official withdrawal in writing through the college Dean's Office with appropriate documentation and a Family Educational Rights and Privacy (FERPA) form on file in the Registrar's Office. The dean will then contact the Office of the Registrar for processing of the withdrawal form. In this case, the student's withdrawal date is the date the student or an approved representative officially notifies the Dean's Office of the withdrawal. A student that withdraws will be required to fill out a readmission application using the procedures found at: <http://www.xula.edu/admissions/applicationinfo.php>.

Administrative Withdrawal

In rare circumstances, students may be administratively withdrawn from the University upon the recommendation of the Provost and Senior Vice President for Academic Affairs of the University.

In all cases of Withdrawal from the University, students are responsible for the remaining tuition and fee balance. Please check with a Student Accounts' Representative in the Office of Fiscal Services for more information.

Final Examinations

Final examinations are given according to a schedule published at the beginning of each semester. Students and instructors are expected to follow this schedule. Final examinations must be given within the hours set aside in the examination schedule.

Grades for graduating seniors are due prior to the period assigned for final exams on the Academic Calendar. The intent is that the graduating seniors be given an early final. However, professors have other options: they may decide that graduating seniors (and graduating seniors only) receive their current grade in lieu of a final exam; or they may decide that Seniors can have the option of taking a final or retaining their current grade; they may also decide to substitute an additional assignment or test in lieu of a final for the graduating seniors. In all cases, the decision of the professor may not be appealed. Students who are not graduating are expected to take the final at the time scheduled.

Misreading or lack of knowledge of the schedule is not sufficient reason for a student's being absent from, or late for, a final examination. Students are advised to consult the examination schedule before making travel or other arrangements.

A student may be excused for missing a final examination only by his or her college dean and only in the case of an extreme circumstance. Students who must be absent from a final examination must present in writing an explanation and documentation, to his/her college dean, before, or at most 24 hours after, the examination. A student whose absence from a final examination is excused by his or her dean will receive the grade of "I" in the course and will be given a make-up examination; a student whose absence from a final examination is not excused may receive an "F" in the course.

Academic Standing for Undergraduate Students

Students who have both a 2.0 cumulative and semester grade point average are designated in good academic standing. Students who do not meet these criteria are reviewed by the College Academic Standing Committee and will be either placed on probation or dismissed from the University.

The College of Arts and Sciences' Academic Standing Committee meets at the end of each semester to review student progress. The Dean of the College of Arts and Sciences chairs the Committee. Decisions made by the committee include dismissal, strict probation, and probation. In addition to these basic decisions, they may also include specific requirements for individual students. Compliance with those requirements will impact subsequent decisions.

Academic Probation for Undergraduate Students

Students who are not in good academic standing are placed on academic probation. A student is notified of academic probation by email and this status is also reflected on Banner Web.

Strict Probation

A student whose cumulative average is below 2.0 is placed on strict probation. Notification of this status is sent by email and is reflected in the student's Banner transcript. The student is limited to enrolling in 13 semester hours while on strict probation. Students on strict probation must achieve a 2.0 grade point average for the coursework taken during the probationary semester, must maintain contact with a counselor in Xavier's Counseling and Wellness Center, and must maintain contact with their

academic advisor. The student must also document participation in academic support programs through the Student Academic Success Office. If these conditions are not met, the student is liable for dismissal.

Probation

A student whose cumulative grade point average is 2.0 or greater but who has less than a 2.0 for the previous semester is placed on probation. Notification of this status is sent by email and is reflected on Banner Web. The student is limited to enrolling in 15 semester hours and is required to maintain contact with a counselor in Xavier's Counseling and Wellness Center, their academic advisor, and is required to participate in academic support programs through the Student Academic Success Office.

In order to be removed from academic probation, a student must achieve a grade point average of 2.0 in 12 or more semester hours and have a cumulative grade point average of at least 2.0.

Academic Dismissal for Undergraduate Students

Students whose academic performance is unsatisfactory are thoroughly reviewed by the Academic Standing Committee. The review includes the student's admissions data, complete transcript, involvement in student support services through the Student Academic Success Office and/or Counseling Services, disciplinary infractions, and compliance with previous recommendations and requirements of the Committee.

If a decision is made for dismissal, an email notice is sent immediately followed by a letter mailed to the student's permanent address. **It is the student's responsibility to verify their academic standing by checking Xavier email and using Banner Web before returning for the next term.**

A student who has been academically dismissed is deregistered from all coursework and forfeits any reserved dormitory accommodations, if applicable.

Appealing a Dismissal Decision

Students who have been academically dismissed have the right to appeal this decision to the University Academic Standing Committee. This Committee only meets in July so a student who is academically dismissed after the fall semester is unable to file an appeal for readmission for the spring semester that immediately follows.

Students dismissed in either the fall or spring semesters must file a written appeal for readmission for the following fall semester (see the University website for the Appeal Form). This appeal must be received in the Office of the Registrar by July 1. The University Academic Standing Committee, chaired by the Provost and Senior Vice President for Academic Affairs, will review the appeal and render a decision which will be communicated to the student in mid-July both by email and a letter mailed to the address indicated on the student's appeal form.

Readmission for Undergraduate Students

A student who desires readmission to the University after an interruption of attendance for any reason must apply for readmission following the procedure outlined at <http://www.xula.edu/admissions/readmission.php>.

If the student applying for readmission was academically dismissed or had a cumulative or semester grade point average of less than 2.0, their application will be reviewed by the College of Arts and Sciences' Academic Standing Committee for a decision. As part of the readmission procedure, a student who was not in good academic standing when leaving the University must arrange for an appointment with Xavier's Counseling and Wellness Center.

Appealing a Readmission Decision

If a student is denied readmission by the College of Arts and Sciences' Academic Standing Committee, the student has a right to a written appeal of the decision to the University Academic Standing Committee. That committee meets only once a year during the month of July. The appeal must be received in the Registrar's Office no later than July 1.

Note: Graduate students should refer to the Graduate Programs section of this catalog for Academic Standing policies. Pharmacy students should refer to the *College of Pharmacy Academic and Ethical Handbook*.

Graduation

1. Completion Of Degree/Graduation Policies

A student must complete all requirements before being awarded a degree. This includes a minimum 2.0 GPA and passing the senior comprehensive examination, or achieving a designated score on an identified national examination for those departments that allow such tests to be used as a substitute for the senior comprehensive. Scores for national exams must be received prior to the last class day of the semester in which the student graduates. Students are encouraged to take these tests in the semester prior to graduation to allow sufficient time for the Registrar to receive their scores.

For students who finish at times other than the spring commencement:

- Completion at Xavier: The student will receive his or her diploma approximately two months after the end of the session in which the requirements are completed. The graduation/diploma date will be the date this session ends.
- Completion elsewhere: The student who finishes his or her requirements elsewhere must obtain official, written permission to do so. The graduation/diploma date will be the date in which Xavier's corresponding session ends. The student will receive his or her diploma approximately two months after the Registrar at Xavier has received an official transcript of the credits earned. This transcript must be received by Xavier during the semester following the session in which the credits are earned. If the transcript is not received during this semester, the graduation/diploma date will be the semester in which the transcript is received.

2. REQUIREMENTS FOR A DOUBLE MAJOR

A Xavier student may earn a B.A. or B.S. degree with a double major by successfully completing all requirements of the two department/division programs.

3. REQUIREMENTS FOR TWO DEGREES

A Xavier student may earn two degrees by successfully completing all requirements of two department/division programs that result in two different degrees, i.e. a B.A. and a B.S. A student has five years to complete the second degree and all requirements must follow the same catalog. At most, one second degree may be earned. The second degree must include at least 30 hours of credit more than the single degree (typically 158 hours).

4. ENROLLMENT IN GRADUATE COURSES PRIOR TO GRADUATION

Undergraduate senior students in their last year of study may be permitted to take a maximum of six credit hours of introductory-level graduate courses. Permission is contingent upon the student's having a minimum GPA of 3.0 and approval of the Dean of the College of Arts and Sciences, the instructor of the graduate course, and the Director of the appropriate graduate program. The student will receive graduate credit upon successful completion of the course(s). This course work may be applied to a graduate degree program only AFTER the student has completed ALL the admission requirements and received formal acceptance to the graduate program. Under no circumstances will a graduate course be applied to both undergraduate and graduate credit.

Undergraduates who wish to apply to a graduate program to take a graduate course must (1) complete the application form, (2) have an official transcript of their undergraduate credits sent directly to the Director of the appropriate graduate program, and (3) have a letter of good standing from their academic advisor, as well as a specific

recommendation as to which course(s) the student may take.

More information about graduate programs can be obtained from the Director of the appropriate graduate program.

5. **COMMENCEMENT CEREMONY POLICIES**

In order to participate in the spring commencement, a student must be enrolled in ALL remaining required courses by the last day of add/drop during that semester, have successfully completed all required courses, have at least a 2.0 overall GPA, and have passed the senior comprehensive. In addition, a student who is enrolled in all remaining required classes in the spring commencement semester, has a 2.0 overall GPA, has passed the senior comprehensive, but fails only ONE required course during that last semester will be allowed to participate in commencement exercises. Withdrawal from any required courses will prevent the student from participating in the commencement exercises. Also, students must satisfy all financial obligations to the University in order to participate in the Commencement Ceremony. These obligations include student accounts, library fines, and parking tickets, etc.

Request for Transcripts

Transcripts of a student's academic record will be issued upon online request and payment of the fee at least one week in advance of the date the record is needed, provided that all financial obligations to the University, including Federal Loan repayments, are cleared. No transcripts will be issued during the period of registration or the period of final examinations.

Graduate Academic Information

General Policies

1. Acceptance as a graduate student is not a guarantee that a graduate degree will be awarded.
2. Students pursuing graduate degrees ordinarily must complete all requirements within seven years from the first registration date.
3. All graduate students, both full-time and part-time, will be assigned an advisor upon selection of a degree program. The advisor will assist the student in planning his/her program of study. Students are required to have the approval of the advisor for each course(s) selected each semester. The coordinator of each of the graduate programs is also available to discuss a student's program and concerns.
4. Upon successful completion of a minimum of 12 credit hours, the student must seek his/her advisor's approval to apply for degree candidacy. Candidacy status is awarded by the Graduate Programs Council.
5. Graduate students enrolled for a minimum of six credit hours per semester or three credit hours during the summer are considered full-time.

Xavier University ID

Every student should obtain an identification card upon completion of his/her registration. For information about Xavier Identification Cards, please see the general Student Life section of this Catalog.

Admission to Candidacy

A graduate student does not become an actual candidate for a graduate degree until granted formal admission to candidacy. To be admitted to candidacy, the student must have completed at least 12 semester hours of graduate credit at Xavier University, removed all deficiencies, obtained the written approval of his/her advisor, signed the Application for Candidacy form, and received approval from the Graduate Programs Council. Theology students must also pass a qualifying exam. At the time of filing, the candidate must meet the requirements of the University regarding academic scholarship as outlined in each degree program.

Transfer Credit

A maximum of nine semester hours of credit may be considered for transfer from another accredited institution of higher education toward a graduate degree at Xavier University. Each request for a transfer of credits will be considered on an individual basis. It is the responsibility of the student to have an official transcript from the institution where the graduate credits were taken mailed directly to the Director of the appropriate graduate program. The student must request and have sent directly to the appropriate Director a course description, in English, for each course under consideration. Under no circumstances will consideration be given unless the above documents are on file. The grade earned, the time elapsed since the credit was earned, and the value of the course content to the candidate's particular program will be considered when determining transfer credit. Consideration will be given only for those courses for which a grade of "A" or "B" was assigned. Normally, credits older than six years are not acceptable for transfer. Requests for transfer credit will not be given consideration until the student has received candidacy status.

Students currently enrolled in a Xavier degree program may not take courses at other institutions without the prior written permission of their advisor and the Director of the appropriate graduate program. This request must be accompanied by the course description from a college publication. Upon completion of the course work, an official transcript for each course to be transferred must be submitted to the Director of the appropriate graduate program. Additional information, such as course syllabi and assignments, may also be required.

Requirement for the Second Master's Degree

A student who has earned a master's degree at Xavier may apply for a second master's degree only if the second degree is in a different program/specialty from the first. Individuals pursuing a second master's degree at Xavier may petition for acceptance of up to nine credit hours from the first master's degree towards the second master's degree. The acceptance of hours from the first master's degree toward the requirements for the second master's degree must be recommended by the program Director for the second degree.

Registration

Only those students duly admitted to a Graduate program may register for graduate courses. Before each term's registration, the student must consult with his or her assigned advisor and obtain approval for the courses for that term.

Students who are studying full-time during the regular semester are limited to nine credit hours. Permission to register for additional credits in any term must be approved by the Director of the appropriate graduate program.

Graduate Courses for Undergraduates

Undergraduate senior students in their last year of study may be permitted to take a maximum of six credit hours of introductory-level graduate courses. The request must be initiated by the student and his/her departmental head. Permission is contingent upon the student's having a minimum cumulative GPA of 3.0 and approval of the Chair/Director of the appropriate graduate program and the instructor of the graduate course. The student will receive graduate credit upon successful completion of the course(s). This course work may be applied to a graduate degree program only AFTER the student has completed ALL the admission

requirements and received formal acceptance to a Graduate program. Under no circumstances will a graduate course be applied to both undergraduate and graduate credit.

Undergraduates who wish to apply to a graduate program to take a graduate course must (1) complete the application form, (2) have an official transcript of their undergraduate credits sent directly to the Director of the appropriate graduate program, and (3) have a letter of good standing from their academic advisor, as well as a specific recommendation as to which course(s) the student may take.

Audit Policy

A graduate student who wishes to audit a course must obtain permission from his/her advisor, the instructor of the course and the Chair/Director of the appropriate graduate program prior to course registration. A student wishing to audit must have met all Xavier University Graduate Programs admission requirements and received formal acceptance. Regular attendance is required for a grade of AU.

Auditors are subject to the same fee structure as credit students and regular class attendance is required. Once enrolled as an auditor, a student may not change to credit status unless such a change is requested prior to the last day to add classes as indicated in the official calendar for that particular semester.

Residence Requirements

The term "residence" refers to the need to take courses in any given program under the auspices of the Xavier University Graduate Program. At least 27 of the credit hours to be applied toward the Master's degree in Education or Counseling and 31 of the credit hours for the Graduate Degree in Theology must be taken in residence.

Withdrawal Process

A student must meet with his/her advisor before withdrawing from any course or his/her graduate program. The student who withdraws from his/her graduate program must complete the University's Withdrawal Form and meet university withdrawal requirements. Students who do not complete the required documentation for withdrawal will receive a grade of "F" for the course(s). When a student withdraws from a course(s) and the withdrawal does not bring that student to zero hours, the Add-Drop form must be completed.

Xavier University reserves the right to request the withdrawal from Graduate Programs of any student who is unable to meet the established standards of scholarship.

Academic Probation and Dismissal

Academic Probation

A student whose grade-point average in any semester or whose cumulative grade point average falls below 3.0 will be placed on Academic Probation. Students on Academic Probation must meet with their advisor regarding their status and future enrollment. Students who are permitted to continue in their program of study may be limited to one course and no more than six semester hours in the following semester.

Students on Academic Probation will be given one semester to earn a minimum grade-point average of 3.0 in all courses pursued during that semester, and not more than two semesters to raise the cumulative grade point average to 3.0.

Academic Dismissal

Students on Academic Probation who do not attain the required 3.0 average after two semesters will be academically dismissed. Conditions for continuation in the graduate programs must be recommended by the Advisor and the Chair/Director of the appropriate graduate program.

A student who accumulates two grades of "C" or below will be academically dismissed. A grade of "C" in a major course usually will necessitate retaking the course.

Appeal

Students have the right to appeal their dismissal from a graduate program to the Graduate Programs Council. This appeal for review requires a letter written by the student to the Graduate Programs Council in care of the Chair of the Division of Education and Counseling or the Director of the Institute for Black Catholic Studies, as appropriate. The letter should explain extenuating circumstances that resulted in poor academic performance.

Readmission Following Dismissal

Students who desire readmission to the university following academic dismissal must make an appointment with their advisor and discuss the reasons for petitioning for readmission. Following that meeting, the student must complete a readmission form and submit it to the Chair of the Division of Education and Counseling or the Director of the Institute for Black Catholic Studies, as appropriate. Readmission must be approved by the Graduate Programs Council.

Readmitted students must make an appointment with their advisor for permission to register for a graduate course(s). Students readmitted after academic dismissal are placed on academic probation and will be dismissed if they do not earn a cumulative average of 3.0 in all courses pursued during the first semester following readmission.

If a student is not readmitted, that student may appeal the decision in writing to the Graduate Programs Council within two weeks of receiving notification.

Student Discipline

For information about Student Discipline, please see the general Student Life - Student Discipline section of this Catalog.

Academic Standards

To be awarded a master's degree, a student must have achieved a cumulative grade point average of not less than 3.0, with no more than one "C" in any required coursework. The student's academic progress is measured quantitatively in terms of credit hours and qualitatively in terms of quality points. The following scale is the standard:

Grade	Quality Points per Semester Hour
A Excellent	4

B	Good	3
C	Average	2
F	Failure)	0
I	Incomplete	0
W	Withdrawal	0
W\$	Administrative withdrawal for financial reasons	0

In order to grant an "I" grade, the instructor must have written approval from the college dean. The instructor prepares a written agreement (with a timeline for completion) regarding the expectations of the student. A temporary grade of "I" (incomplete), unless changed before the end of the sixth week of the semester following the one in which it was incurred, becomes an "F". Unless a prior waiver is granted, a student who receives an "I" at the end of the spring semester should complete the work before the end of the first summer school session.

Graduation

Xavier University recognizes three completion dates: Fall, Spring, and Summer. For Education and Counseling students, the university conducts one commencement exercise, which is held following the completion of the Spring Semester each year. For Theology students, the university conducts one commencement exercise which is held at the completion of the summer session.

Academic Programs

Student Academic Success Office

"Retention is the Outcome....Graduation is the Goal!" The mission of the Student Academic Success Office (SASO) is to improve retention and graduation rates of Xavier students, particularly by providing support and programs that focus on new freshmen and students who are academically at risk. This is accomplished through academic advising and support programs that include:

1. designing and implementing academic programs to improve retention and graduation rates;
2. providing academic advising to Deciding Majors and students who are on strict probation;
3. monitoring the academic progress of probationary students;
4. providing academic enhancement resources;
5. providing academic support through the coordination, enhancement and support of peer tutoring and supplemental instruction through the resource centers (reading, writing, mathematics, biology, physics and chemistry); and
6. coordinating a system of monitoring and mentoring of new freshmen.

All members of the University - academic and non-academic, faculty and staff, students and administrators - are stakeholders in these efforts. More importantly, all stakeholders must work together in a positive and cooperative way in order to achieve the goals of the Student Academic Success Office.

SASO Academic Programs and Advising

The purpose of SASO Academic Programs and Advising is to provide a support system to increase academic development and progress through a nurturing/mentoring environment. This environment fosters a sense of hope and pride in all students, particularly academically high-risk students. SASO stimulates intellectual growth by empowering students with the tools needed to reach academic excellence. The programs include:

- A Meet and Greet for Freshmen participating in the Student Success Academy;
- Academic Recovery - Program for students on Strict Probation;
- Keys to Success Workshops - Workshops that provide practical strategies for success;
- Supplemental Instruction for historically difficult courses - Academic assistance program that utilizes peer-led teaching and study sessions;
- Academic Support - Freshman and other students enrolled in entry-level Mathematics, Writing, Reading, Biology, Physics, and Chemistry courses are provided free tutoring through the Academic Resource Centers, and
- Academic Counseling for Deciding Majors and students on Strict Probation.

Deciding Majors

The Student Academic Success Office has developed a system of academic advising and mentoring for Deciding majors that includes academic advising and support by the SASO Advising Team for courses, career assessment and planning and academic monitoring.

Students are provided an Academic Success Plan to guide their academic achievement throughout the semester. Being a Deciding major also ensures students are making satisfactory progress towards their degrees. Students in this area are classified as either Deciding or Deciding Non-Science Majors. Deciding Majors are students who have not yet chosen their official majors. Students can choose to be a Deciding Major or could be placed in Deciding. **Students are declared Deciding Non-Science Majors by the Academic Standing Committee. Deciding Non-Science Majors MUST select a major other than the following majors**

(all majors that fall under Chemistry, Biology, Public Health Sciences, Physics, Psychology Premed, Mathematics, and Computer Science) after they have earned a 2.0 cumulative GPA or better.

Students are allowed to remain a Deciding or Deciding Non-Science major for two semesters. An additional semester is allowed for students who have a minimum cumulative GPA of 2.0 and realistically need one more semester to meet the required GPA to be admitted to another department. Permission to remain as a Deciding or Deciding Non-Science major after two semesters may be granted by the Executive Director of SASO. **After the maximum of three (3) semesters, students who have not been admitted into an academic department will ordinarily be dismissed from the University.**

Student Success Academy

The Student Success Academy is a year-long program designed to support, coach, mentor, and nurture high-risk first year students as they transition to college. The mission of the Student Success Academy (SSA) is to offer support by aligning academically high-risk first-year students with the SASO where they are provided a positive mentoring environment, free tutoring in the academic resource centers, and workshops that lead to greater academic success. SSA also extends to first-time freshmen who do not meet academic expectations during their first semester. Those students begin participating during the spring semester of their first year. SSA is a partnership between the Student Academic Success Office and the Freshman Seminar (FRSM) program.

Freshman Seminar Program

The Freshman Seminar Program at Xavier University of Louisiana lays the foundation for what it means to be a Xavierite. In the Freshman Seminar course, students work together as a cohort, with one Instructor who mentors them through their transition from high school to college. The Shared Reading Program links all first year students together in exploring the themes of one common book. Through Service Learning, first year students engage in experiential learning and gain a deeper understanding of community service in New Orleans. In addition, Alpha Lambda Delta, the Freshman Honor Society, gives first year students the opportunity to practice excellence and to inspire their peers to aspire to the same.

Freshman Seminar I and II is a first-year, required, two credit hour course that serves as the foundation of the Xavier academic experience. The course connects students to the Xavier and New Orleans communities and prepares them for success in college. Freshmen at Xavier participate in service learning projects that challenge them to engage with the Mission of the University and to see social justice as an integral part of a liberal arts education.

Honors in Women's Studies

Students with a minor in Women's Studies may apply for an "Honors in Women's Studies" designation by meeting the following criteria in the Women's Studies program:

1. A student must complete a minimum of 9 credit hours in the field
2. A student must have at least a B in each course with a cumulative GPA (in women's studies) of at least a 3.3, and
3. A student must take a 1000 level and two upper level courses from among the list of 2000 and 3000 level courses. WMST 1030 and WMST 3990 are **strongly** recommended.

Honors in Women's Studies

PreProfessional Support

Xavier is committed to providing support for students who aspire to enter and succeed in graduate and professional schools after they leave XU. To this end Xavier provides each student an academic advisor in his/her major area, preprofessional advisors in Pre-Engineering, Pre-Law, Premedicine/Pre-Dentistry, and Prepharmacy, and comprehensive programs designed to help facilitate

a student's entry into post-graduate study. Xavier's success in placing students into these programs is a direct result of the distribution of the advising process and the close cooperation of all advisory programs.

Engineering Professions

Pre-Engineering is coordinated by the Director of Dual Degree Engineering Programs. The Director provides information and advice concerning engineering school admissions and coordinates Xavier's Dual Degree Engineering programs.

Dual Degree Engineering Programs

The Xavier University Dual Degree Engineering Program is designed to give a solid academic background in the sciences and mathematics that are essential to persons who are interested in becoming engineers. At Xavier, students take three years of basic science, mathematics, engineering, and liberal arts courses. The Dual Degree Engineering curriculum consists of a number of curriculum options. For more information about these options, students should consult with the Director of Dual Degree Engineering Programs. When the three-year program is completed successfully, students transfer to an Engineering School to complete training in a specialized area of engineering. It is expected that students will, with normal course loads, be able to complete their undergraduate training in two years at the Engineering School. Xavier has current agreements with the following Engineering Schools: Georgia Institute of Technology, Tulane University, North Carolina A&T State University, Notre Dame, and the University of New Orleans. These agreements do not, however, preclude students from choosing and attending other Engineering Schools.

Students in the Dual Degree Engineering Program should submit the application for a degree from Xavier at least one semester prior to their graduation from the Engineering school. In instances where the engineering degree program is not completed, Xavier will, upon petition by the individual student, evaluate this student's total academic record for consideration of this student's eligibility for a B.A. or B.S. Degree in Physics, Biology, Computer Science, or Chemistry from Xavier.

The objectives of the Dual Degree Engineering Program (DDEP) are to:

1. provide all students admitted to the program with the counseling, academic, and other support services that will maximize their opportunity for completion of the first three years of the program;
2. offer a curriculum that will provide students with the optimum set of courses essential to the pursuit of a variety of engineering programs they might choose upon entry into an Engineering School;
3. provide the academic preparation in essential engineering background courses to ensure that students will be maximally prepared to successfully complete the last two years of the dual degree program at the engineering school of their choice; and
4. assist students in the identification of financial assistance (e.g., scholarships, internships, etc.) during their matriculation at Xavier and during their transition to engineering school.

Law Profession

The Center for Pre-Law Advising provides information regarding:

- course selection, potential minors, internships, course electives and summer study programs to enhance a student's chances for law school admission
- the law school application process, including: the Law School Admission Test (LSAT) preparation strategies; Law School Data Assembly Service (LSDAS) procedure; law school selection; application preparation; law school visitation and financial aid information.

In addition, the Director of the Pre-Law Advising Center works in conjunction with the GradStar Program to assist students in preparing for law school.

In its Pre-Law Handbook, the Law School Admissions Council recommends no particular undergraduate program as the ideal preparation for law school. Any undergraduate program which encourages the development of skills in reasoning, critical reading, writing, and oral communication provides an excellent background for law school.

The Director of the Pre-Law Advising Center does, however, suggest specific courses which prelaw students may find helpful. Thus, it is recommended that a student use his/her Core Curriculum requirements, minor, and free electives to take courses. Pre-Law students eligible for honors English and History courses are strongly advised to take advantage of these opportunities. For course selections, students should consult the Center Director and the academic advisor.

Premedical Program

Xavier's Premedical Program is designed to help the maximum number of qualified students gain entry into and succeed in schools of medicine, osteopathic medicine, dentistry, veterinary, optometry, and podiatry. The program is designed to complement, not supplant, support provided by academic advisers within the student's major department. The Premedical Program provides a variety of information, motivational activities, advice, and individual assistance throughout a student's enrollment at the University. The program begins with an intense series of group workshops for students during the freshman year. In subsequent years, group activities gradually decrease and are replaced by an increasing number of one-on-one advising sessions, step-by-step assistance in preparing applications for summer programs and/or health professions schools, and assistance in preparing for the entrance exams required for admission into health professions schools. Materials used in both group workshops and individual advising sessions are readily available in the Premedical Office and on the premedical website at <http://www.xula.edu/premed> for students who missed activities or would like a reminder. Xavier students (regardless of major) who hope to enter medical, osteopathic medical, dental, veterinary, optometry, and podiatry schools are encouraged to sign-in with the Premedical Office during their first Xavier registration. After doing so, students receive weekly premed advising emails and are encouraged to participate in group and individual premed meetings that are designed to maximize competitiveness for admission into health professions schools.

Pre-Health Professions Coursework

Students interested in preparing to enter a health profession such as dentistry, medicine, optometry, osteopathic medicine, podiatric medicine, and veterinary medicine are not required to major in biology, chemistry, or any other academic discipline. Most health professions schools do not require that applicants complete an undergraduate degree but many prefer that they do so.

The information below is only an overview of pre-health professions requirements. Students interested in enrolling in a health professions school, except pharmacy, should express this intention to their academic advisers and the Premedical Office during their first Xavier registration. Those interested in pharmacy should contact Xavier University's Chemistry Prepharmacy Advisor.

Basic Requirements: Most medical, osteopathic medical, dental, veterinary, optometry, and podiatry schools require one year of:

- General Biology with laboratory,
- General Chemistry with laboratory,
- Organic Chemistry with laboratory,
- General Physics with laboratory,
- Biochemistry (required by some schools),
- College mathematics, (a statistics course is required by some schools), and
- English composition at the college level.

In addition to the basic course requirements listed above, there may be additional courses required by individual health professions schools. Students should also be aware that not all health professions schools accept required courses that are completed online, at a community college, or through Advanced Placement (AP), even if such courses are accepted as transfer credit by Xavier University. Therefore, it is imperative that students regularly review the requirements for each of the health professions schools to which they plan to apply.

Although calculus may be required for some degrees at Xavier, it is generally not required for admission into health professions schools. A number of health professions schools, however, do require a course in statistics; additionally, entrance exams like the revised Medical College Admission Test (MCAT) list statistics as a necessary competency. Again, it is imperative that students regularly review school-specific (and entrance exam-specific) requirements to ensure that all requirements are satisfied in a timely fashion.

Some health professions schools may also require/recommend one or more advanced courses in science, one or more courses in the social sciences, or specialized courses such as General Zoology (for veterinary school), Optics (optometry school) or a ceramics or sculpture course to help cultivate manual dexterity skills (for dental school). Students interested in applying to medical, dental, and other health professions schools should refer to up-to-date publications that provide detailed information regarding entry requirements for individual medical, dental, etc. schools [e.g. [Medical School Admissions Requirements \(MSAR\)](#), the official online resource made available by the Association of American Medical Colleges (AAMC); [ADEA Official Guide to Dental Schools](#), the official book published by the American Dental Education Association (ADEA), etc.].

Additional Courses Recommended: It is strongly recommended that students interested in the health professions take at least two of the following advanced courses while at Xavier:

- Comparative Vertebrate Anatomy with laboratory,
- Introduction to Embryology with laboratory,
- Histology with laboratory, and
- Anatomy and Physiology with laboratory.

Health Professions Schools Entrance Exams: It is strongly recommended that students interested in the health professions carefully review the entrance exam requirements for the schools to which they plan on applying. Further, students should regularly review the ever-changing content and competencies of entrance exams such as the Medical College Admission Test (MCAT), Dental Admission Test (DAT), Optometry Admission Test (OAT), Graduate Record Exam (GRE), etc. to ensure that they complete the necessary courses prior to taking these entrance exams at the end of junior year (which is highly recommended for application to most health professions schools).

Recommended Scheduling of Science Courses: The Departments of Biology, Chemistry, and Psychology have special degree programs for students interested in the health professions. Students in those departments should follow their department's program of study designated as "Premedical" or "Preprofessional." Please note that students in the program get a degree in the subject area, i.e., in Biology, Chemistry, or Psychology, not in "Premed."

Students interested in medicine, dentistry, or another health profession who major in disciplines other than Biology, Chemistry, or Psychology "Premed" should follow the schedule of courses in the following table. Students in most majors at Xavier can follow the schedule by choosing a chemistry minor (General Chemistry, Organic Chemistry, and Biochemistry), using free electives and natural science Core Curriculum requirements for the other science courses, and making slight adjustments in the scheduling of courses in existing degree programs. As mentioned previously, students who are interested in applying to health professions school, regardless of major, should sign-in with the Premedical Office during their first Xavier registration and actively engage in premed advising activities throughout enrollment at the University.

PreMedical Programs/Pre-Dentistry

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- MATH 1030 - Pre-Calculus

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory

- MATH 1020 - Basic Statistics I
- or
- MATH 3010 - Biostatistics
- MATH 3010D - Biostatistics Drill

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II

Junior Year

First Semester

- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- BIOL 3110 - Genetics

Second Semester

- PHYS 2020 - General Physics II
- PHYS 2021L - General Physics II
- CHEM 3130 - Introduction to Biochemistry

Early Summer

- Take MCAT, DAT, etc. AND Apply to Medical, Dental, etc. School

Senior Year

First Semester

- BIOL 3162 - Introduction to Embryology
- BIOL 3162L - Introduction to Embryology Lab
- or
- BIOL 3350 - Anatomy and Physiology
- BIOL 3350L - Anatomy and Physiology Lab
- or
- BIOL 4111 - Histology
- BIOL 4111L - Histology Lab
- or
- BIOL 4091 - Comparative Vertebrate Anatomy
- BIOL 4091L - Comparative Vertebrate Anatomy Lab

Second Semester

- BIOL 3162 - Introduction to Embryology
- BIOL 3162L - Introduction to Embryology Lab
- or
- BIOL 3350 - Anatomy and Physiology
- BIOL 3350L - Anatomy and Physiology Lab
- or
- BIOL 4111 - Histology
- BIOL 4111L - Histology Lab
- or
- BIOL 4091 - Comparative Vertebrate Anatomy
- BIOL 4091L - Comparative Vertebrate Anatomy Lab

Accelerated Pre-Health Professions Curricula

Superior students interested in a health professions career may shorten by one year the total time required to complete both the bachelor's degree and the professional degree by participating in approved 3+1 programs. These programs are currently offered by the Departments of Biology and Chemistry. In a 3+1 plan, the student completes three years at Xavier and spends his or her senior year at a professional school. After successfully completing 24-31 semester hours at the professional school, the student transfers these credits to Xavier and receives the bachelor's degree. Thus, after four years, the student will have completed all the requirements for graduation from Xavier and have successfully finished the first year of medical, dental, etc. school.

Note: Students interested in the 3+1 program should not apply to schools that require an undergraduate degree for matriculation; additionally, students should refer to up-to-date catalogs that provide detailed information regarding entry requirements for individual medical, dental, etc. schools [e.g. [Medical School Admissions Requirements \(MSAR\)](#), the official online resource made available by the Association of American Medical Colleges (AAMC); [ADEA Official Guide to Dental Schools](#), the official book published by the American Dental Education Association (ADEA), etc.].

The accelerated programs do not assure a student's acceptance into the professional school. Admission to the professional school is the responsibility of the student. The student who is interested in an accelerated pre-health program should express this intention to his/her academic advisor at his or her first registration at Xavier. To ensure that the student receives the appropriate application advice and support from the Premedical Office in a timely fashion, he/she should consult with the University Premedical Advisor at the student's first Xavier registration.

Early Medical School Acceptance Programs

Tulane University School of Medicine, the University of Rochester School of Medicine, St. Louis University School of Medicine, and Geisel School of Medicine all have special programs that allow Xavier students to gain conditional acceptance into medical school during their junior year of undergraduate work. Eligible students apply to these programs during the second

semester of their sophomore year and are notified of their acceptance status during the fall term of the junior year. Students who are granted conditional acceptance through early medical school acceptance programs will be expected to complete their undergraduate education at Xavier University prior to matriculation and to maintain satisfactory academic and behavioral progress as articulated by each early acceptance institution. Students who are granted conditional acceptance into the University of Rochester program are not required to take the Medical College Admission Test (MCAT). The MCAT is, however, a requirement for the other early medical school acceptance programs. Detailed requirements for each early medical school acceptance program are available at: <http://www.xula.edu/premed/PMInfo/PMIndex.htm>. Early medical school acceptance programs are also discussed in detail at group and individual premed meetings held during freshman and sophomore years.

Additionally, the University of South Alabama (USA) College of Medicine encourages highly qualified freshman and sophomore premeds at Xavier to consider the South Prep Med Scholars Program for early acceptance. For more information about this program, interested students should attend the USA Medical School information session during freshman and/or sophomore year.

NOTE: There are very specific major, GPA, and coursework requirements that must be met by the end of the spring semester of the sophomore year in order to be eligible for application to most early medical school acceptance programs. As a result, students must begin to satisfy the requirements in the fall semester of the freshman year.

The five (5) early medical school acceptance programs detailed above are not the only such programs that may be available to undergraduate students. For example, the Icahn School of Medicine at Mount Sinai offers the FlexMed Program for early acceptance to which eligible undergraduate students may apply in the fall of the sophomore year. Visit <http://icahn.mssm.edu/education/medical/admissions/flexmed> for more details and meet with program representatives when they visit Xavier.

ROTC Programs

Xavier students may participate in ROTC at Xavier through a joint agreement with Tulane University. Students register for ROTC courses at Xavier and usually pursue these courses at Tulane or other local campuses. Students may enroll in the Air Force, Army, or Navy ROTC programs at Tulane. Through these programs, it is possible for the student to earn an appointment as a commissioned officer while working for a degree at Xavier. For more information, contact the appropriate ROTC program office at Tulane University.

Special Programs DILLARD/LOYOLA/NOTRE DAME SEMINARY/TULANE/XAVIER PARTNERSHIP

The Dillard/Loyola/Notre Dame Seminary/Tulane/Xavier Partnership is a cooperative arrangement among the named Universities. Among other opportunities, the arrangement allows Xavier students to take courses at the other institutions while paying Xavier tuition for all courses taken.

Under the cross-registration agreement, a full-time Xavier student may, with the permission of his/her chair, register for a maximum of six total hours at member institutions of the consortium. Full-time status (minimum of 9 hours) is determined by adding the number of hours of Xavier courses and those taken at member institutions. However, at least nine hours must be taken at Xavier. The agreement also applies to evening divisions at Tulane and Loyola.

Consortium credits will be treated as Xavier courses, and students will receive letter grades on their transcripts. This agreement is only valid during Fall and Spring semesters.

Career Advancement Center

The Career Advancement Center (CAC) includes the Office of Career Services and the Office of Graduate Placement and University Summer Programs. The CAC's primary goal is to share resources and expertise in order to provide efficient and effective post-graduate preparation for all Xavier students. The CAC provides Xavier students with the opportunity to engage in a comprehensive career planning process that includes the: administration of career interest assessments, identification of graduate programs and preparation for a job search. The CAC also stresses the importance of obtaining research opportunities and internships to gain valuable workplace skills and provide practical application of curricular theory. The sections below provide details of the offices that comprise the CAC.

Career Services

The goal of the Career Services Office is to help all students become well-informed and well-prepared to make rewarding career choices. Students may receive assistance in exploring career options through materials and information, job search preparation, and preprofessional experiences which enhance their ability to secure satisfying career employment. Students are assisted through career counseling, various career related programs, and on-campus interviews.

Career Services staff works with each student to help identify and successfully develop a career path that is in alignment with skills, values, and interests. Through individual advising, career development programs, internships/Co-op opportunities, and online career exploration resources, the Career Services staff helps students learn more about themselves and the career development process.

Cooperative Education And Internships

Xavier offers two means for students to obtain preprofessional experience prior to graduation. Cooperative Education (Co-op) is an experiential learning program which provides students exposure to the business and professional world as part of their academic preparation. Co-op allows students the opportunity to work with employers while still pursuing their degrees and offers invaluable experience for future full-time employment.

Cooperative Education (Co-ops)

Two forms of Cooperative Education (Co-op) are offered. The first, called Alternating Co-op, involves alternating semesters of full-time on-campus study with semesters of full-time employment. Students successfully completing one semester of Alternating Co-op receive three semester hours of academic credit. Under the alternative plan, called Parallel Co-op, students may work part time while attending formal classes. Students successfully completing two semesters of Parallel Co-op receive three semester hours of academic credit. Under both plans, the student's work is monitored by the Xavier Office of Career Services. Students who wish to participate must obtain approval from their departmental faculty advisor and the Office of Career Services.

To be accepted into the program the student must:

- a. have attained sophomore standing,
- b. have a cumulative grade point average of 2.0 or better, and
- c. be able to demonstrate that he or she will profit from participating in cooperative assignments.

In most cases, participation in an alternating Co-op assignment will lengthen the student's stay in school and students should anticipate this extension of the usual time for completion of degree requirements.

Internships

An internship is any short-term, supervised work experience usually related to a student's field of study, for which the student may or may not earn academic credit. In addition to Cooperative Education, the Office of Career Services coordinates formalized internships. Students who wish to participate must obtain approval from their department head and the Office of Career Services prior to the experience. Internships are also available through the Graduate Placement Office and the academic departments.

Graduate Placement and University Summer Programs

The primary goals of the Office of Graduate Placement and University Summer Programs are increasing graduate and professional school enrollment and targeted recruitment of prospective students in non-science disciplines. In order to accomplish these goals, the Office facilitates the following: GradStar, the McNair Post-Baccalaureate Achievement Program, and SuperScholar/EXCEL.

GradStar prepares Xavier students for admission into graduate, business, and law schools. The Director and Assistant Director advise students on their respective programs and provide assistance with the entire application process. Faculty from each academic department serve as GradStar liaisons and recommend students to the program. GradStar coordinates a GRE workshop in the fall and spring semesters. In addition, the Office of Graduate Placement hosts recruiters from across the nation during its annual Grad Fair. All GradStar students may participate in seminars and receive individual counseling; select students participate in campus visitations.

Xavier's **Ronald E. McNair Post-Baccalaureate Achievement Program** is funded by the U.S. Department of Education to prepare low-income/first-generation and underrepresented students for Ph.D. programs. McNair scholars participate in semi-monthly seminars, visit graduate programs, conduct research internships in the summer and present their findings at conferences.

Xavier University of Louisiana hosts excellent opportunities for pre-collegiate and college students during the summer. Xavier University's summer programs are available for high school students interested in a variety of disciplines. These programs have formed a valuable pipeline for the many students who then attend Xavier. The Office of Graduate Placement and University Summer Programs coordinates the operation of all Xavier summer programs. The office is directly responsible for ensuring that all summer programs are properly aligned to the University Mission and administered in a manner that is consistent with all Xavier University campus policies. In addition, the Office of Graduate Placement and University Summer Programs is directly responsible for the daily management and delivery of the **Xavier Summer Science Academy** and **Super Scholar/EXCEL programs**.

Center for Intercultural and International Programs

The Xavier Center for Intercultural and International Programs (CIIP) was established to:

1. promote global awareness on campus;
2. expand study abroad opportunities for students across the curriculum;
3. provide leadership in globalizing the curriculum;
4. support faculty development in the intercultural and international arena;
5. provide assistance to international students; and
6. coordinate exchange programs with college and universities within the United States.

CIIP also coordinates exchange programs with colleges and universities within the United States. The University has agreements with other institutions that allow student exchanges for one semester. These exchanges usually occur in the spring semester and are open to students of all majors. Qualifying students must have a minimum cumulative grade point average of 3.00. Students interested in student exchange programs should contact the Director of CIIP.

Students interested in incorporating a study abroad experience or a domestic exchange into their academic career at Xavier are encouraged to visit the Center for Intercultural and International Programs.

Center for Undergraduate Research

The primary goal of Xavier University's Center for Undergraduate Research (CUR) is to encourage and support undergraduate research. CUR connects students in all disciplines to information and opportunities for both on-campus and off-campus research experiences. The Center also funds a limited number of travel awards for students to present their research at national and international conferences. CUR sponsors annual campus-wide exhibitions of research and creative work in the spring (Festival of Scholars) and summer (Summer Symposium). CUR also holds workshops to assist students with writing proposals and applications for competitive research opportunities.

CUR also sponsors two student peer-reviewed publications, *Pathways* and *XULAneXUS*, with funding support from the Andrew Mellon Foundation. *Pathways* is a freshman journal comprised of essays that focus on students' personal experiences and reflect the diversity of background and perspective in our student body. *XULAneXUS*, Xavier's online undergraduate research journal, publishes the outstanding scholarship of undergraduates in every academic discipline through bi-annual issues available online at: <http://xulanexus.xula.edu>. The online journal supports a wide range of submissions, including traditional research manuscripts, scholarly essays, visual and audio representations of creative scholarship, and multimedia components embedded within manuscripts. Service learning analyses allow students to also publish on the theoretical intersection of experiential and academic learning from service-learning courses.

Confucius Institute

In 2012, Xavier established a Confucius Institute through a partnership with the Chinese national government and Hebei University, a major university near Beijing. Named after Confucius (551-479 BC), the most prominent educator and philosopher of early China, the Institute aims to teach Xavier students courses in Mandarin Chinese as well as sponsor workshops and programs that highlight Chinese culture and business practices. The Institute also reaches out to the community through a variety of festivals and audience-centered presentations.

As the first Confucius Institute among the nation's more than 100 HBCUs and in Louisiana, the Institute has enjoyed steady increases in Mandarin enrollment on campus and in the community, hosted frequent faculty and student exchanges with Chinese universities, and received extensive coverage from the mainstream media. The Institute also organizes the travel for up to 20 students to China in the summer in order to learn Mandarin Chinese in an intensive setting and gain more exposure to Chinese culture. While in China, costs of group activities, including food, hotel, admissions, and ground transportation are free of charge to the students.

Speech and Hearing Center

The Xavier Speech and Hearing Center, which is operated in conjunction with the Speech Pathology academic program, offers evaluations and/or treatment for a variety of speech-language-hearing disorders. Any individual from the community, including infants and seniors, may be evaluated and treated. Instructors may also refer any student who appears to have a speech-language-hearing problem to the Center for evaluation. Xavier students, faculty, and staff members may seek services at the Center free of charge. For more information regarding services, please contact the clinic at (504) 520-5087.

Service Learning

Service-Learning is a teaching and learning method that connects meaningful community service with academic learning, personal growth, community involvement, and civic responsibility. It is a method by which students can learn and develop through active participation in thoughtfully organized service experiences connected with an academic course. Coupling service with other teaching methods can transform a course, and deepen students' understanding of course themes and achievement of course objectives.

Through Service-Learning, students not only have an opportunity to learn academic concepts and skills, they begin to understand the relevance of those concepts and skills in the real world, contribute to efforts that strengthen communities, and positively impact peoples' lives by building capacity and addressing immediate and long-term issues identified by the local community.

This strategy prepares students to fulfill the mission of Xavier by broadening their understanding of the complexities of social injustice and developing their leadership skills to contribute to the promotion of a more just and humane society.

There are opportunities for participation in Service-Learning across disciplines and university departments. Service-Learning is a joint effort between the Offices of Student Services and Academic Affairs.

Honors Programs and Awards

The Dean's Honor Roll

A student who earns at least 12 hours of degree credit in a semester with a grade-point average of at least 3.3 with no grades of F, U or I is entitled to placement on the dean's honor roll for that semester. Members of the honor roll will be published in University publications and released to the news media unless a student has a written request on file in the Office of the Registrar not to have his or her name used.

Graduation Honors

A candidate with a cumulative average of at least 3.3 graduates **cum laude**; one whose average is at least 3.6 graduates **magna cum laude**; one whose average is 3.8 or higher graduates **summa cum laude**.

Students may also receive honors recognition at graduation in Biology, Business, Chemistry, Computer Information Systems, Computer Science, English, History, Mathematics, Music Theory, Philosophy, Sociology, Theology, and Women's Studies by satisfying certain departmental or programs requirements.

Honors in Biology - Each spring the department will select a limited number of students for possible graduation "with Honors in Biology." Students who achieve this distinction will have maintained at least a 3.50 grade point average in Biology and 3.30 grade point average overall, with no grade of "C" or lower in any Biology course, throughout their undergraduate careers. Biology and Biology Premed majors who satisfy these minimum requirements and who wish to be considered for the program are asked to apply by letter early in the spring semester of their junior year. Students will be notified of the outcome of their application in writing. Successful applicants will be required to register for BIOL 4011S/BIOL 4020S - Honors Seminar, rather than BIOL 4210, during their senior year. This course carries one hour of academic credit which will be awarded only after successful completion of both semesters. Students will be required to submit a paper on their seminar topic to their seminar mentor during the semester in which the seminar is given. Students will be dropped from the program if they fail to continue to meet the academic requirements given above.

Honors in Business - Students either majoring or minoring in any academic program in the Division of Business qualify for the distinction of "Honors in Business" by having an overall GPA of at least 3.3 and earning a minimum of 18 hours in business taken at Xavier. In addition, majors must earn a GPA of at least 3.5 in their concentration courses, and minors must earn a GPA of at least 3.5 in their minor coursework.

Honors in Chemistry - Students majoring in Chemistry may apply for the distinction "Honors in Chemistry" by completing their course of study with a 3.5 overall cumulative average and a 3.5 cumulative average in Chemistry. Students who minor in chemistry must have a 3.5 overall average and a 3.7 average in their chemistry courses to earn this distinction. At least 18 hours of chemistry credits must be earned at Xavier.

Honors in Computer Information Systems - Computer Information Systems majors with (1) a 3.5 grade point average in all computer science and business courses accepted for credit, and (2) a cumulative 3.3 grade point average overall will earn the graduation distinction of "Honors in Computer Information Systems". Students must meet the academic requirements throughout their tenure in the Computer Science Department.

Honors in Computer Science - Computer Science majors with (1) a 3.5 grade point average in all computer science and mathematics courses accepted for credit, and (2) a cumulative 3.3 grade point average overall will earn the graduation distinction of "Honors in Computer Science". Students must meet the academic requirements throughout their tenure in the Computer Science Department.

Honors in English - ENGL 1023H and ENGL 2011H satisfy the core curriculum requirements in English composition, introduction to literature, and world literature (the equivalent of ENGL 1010, ENGL 1020, and ENGL 2010). Upon receiving a grade of "C" or better in the Freshman Honors English Sequence (ENGL 1023H and ENGL 2011H), the student will receive 3 semester hours of credit for ENGL 1010. ENGL 1020 and ENGL 2010 cannot be substituted for the Freshman Honors English Sequence; if the student elects to take either of those, he/she forfeits his/her placement in the Honors sequence.

Students may receive Honors in English in four different ways.

1. For initial placement in the Honors in English program, students must meet criteria that include ACT or SAT scores and high school transcript. The English Department determines final placement. To receive an honors distinction in English, students so chosen must take ENGL 1023H, ENGL 2011H, and an additional 3 semester hours with a 3000 or 4000 level English course of their choice and receive a cumulative average of 3.0 or higher for all three courses (or their equivalent).
2. Students with Advanced Placement credit may take the sequence with ENGL 2011H and one more English course at the 3000 or 4000 level. A cumulative average of 3.0 or higher in these two courses will earn them Honors in English.
3. A student who earns an "A" in ENGL 1010 may also qualify for the honors sequence. A student with credit in programs other than AP should consult the English department head for honors consideration.
4. Students need not be placed in the Freshman English Honors Sequence outlined above to qualify for "Honors in English." Students majoring or minoring in English may also earn the honors distinction by completing their courses of study with a 3.5 cumulative average in English. At least eighteen semester hours of English must be earned at Xavier.

Students may use the AP or CLEP examinations as equivalencies for ENGL 1010 or ENGL 1020. Students must have taken the essay portion of the exam as well as the objective portion and must meet with the department head for advising no later than the last day of registration to determine from which course(s) they may be exempt.

Honors in History - Students selected by the placement process of the Admissions Office will be awarded honors in history if they earn at least a "B" each in a 1000-level course with a designation of "H", any 2000-level course, and any 3000- or 4000-level course. Students may also take two 2000-level courses and one 3000-/4000-level course to fulfill the honors requirement, again provided they earn at least a "B" in each class. Other students may be considered for Honors in History with the approval of the department head.

Honors in Mathematics - For placement in the Honors in Mathematics Program, students should apply to the Mathematics Department. To receive the distinction "Honors in Mathematics," students must satisfy one of the following two criteria:

1. Students must take MATH 1070H and MATH 2070H and at least four (4) additional hours of mathematics or statistics at the 2000 level or above. Examples of additional course work that satisfy these requirements are third semester calculus (MATH 2080); basic statistics with a technology lab (STAT 2010 and STAT 2150L); MATH 2030 or MATH 2530 or MATH 2550 together with a technology lab (MATH 2160L). Students must receive a cumulative grade point average of 3.3 or higher in all mathematics and statistics courses taken with no grade of "C" or below.
2. Students must take MATH 1070 (or MATH 1070H) and MATH 2070, and at least six (6) additional hours of mathematics or statistics at the 2000 level or above. Students must receive a cumulative grade point average of 3.3 or higher in all mathematics and statistics courses taken with no grade of "C" or below.

Honors in Music Theory - Students who are eligible for this honor are music majors who have completed 20 hours in music theory with a minimum GPA in theory of 3.5 by the first half of the senior year. The student who elects to complete this program must apply to the department head who will review that student's record, give final approval for admission into the program, and assist the student in obtaining a faculty member to supervise the final project. In the final semester of the senior year, the student must register for MUST 4500H, complete one of the three honors theory projects prescribed for this course, and receive a pass endorsement from the theory faculty who will give the final evaluation of the student's project.

Honors in Philosophy - Students are eligible to graduate with an honors distinction in Philosophy. To do so, the student must complete a minimum of four Philosophy courses (12 credit hours) with an overall philosophy GPA of 3.5.

Honors in Sociology - Students with a cumulative GPA of at least 3.0 will graduate with an honors distinction in Sociology by completing a minimum of any three Sociology courses with a total of nine credit hours with a combined GPA in all sociology courses of 3.5 or higher. This distinction and its criterion of a 3.5 GPA in Sociology applies to all students, including students majoring and minoring in Sociology. To be eligible, students must have an overall GPA of 3.0.

Honors in Theology - Students are eligible to graduate with an honors distinction in Theology by completing a minimum of any three Theology courses with a total of 9 credit hours and a grade of a "B" or higher in each of the courses.

Honors in Women's Studies - Students with a minor in Women's Studies may apply for an "Honors in Women's Studies" designation by meeting the following criteria in the Women's Studies program:

1. A student must complete a minimum of 9 credit hours in the field,
2. A student must have at least a B in each course with a cumulative GPA (in Women's Studies) of at least a 3.3; and
3. A student must take a 1000 level and two upper level courses from among the list of 2000 and 3000 level courses. WMST 1030 and WMST 3990 are **strongly** recommended.

Xavier University Awards

Leadership Awards

THE SAINT KATHARINE DREXEL AWARD. The sum of \$2,000 is awarded to the senior who, throughout his/her years at Xavier University, has shown the most outstanding spirit of cooperation in the varied interests of the University. Enrollment for at least three years at Xavier is a prerequisite. This award, in memory of Saint Katharine Drexel, Sister of the Blessed Sacrament, is in honor of the life of service and religious dedication of Xavier's foundress. This is the highest award given to a student by the University.

THE MOTHER M. AGATHA RYAN AWARD. The sum of \$1,500 is awarded to a senior who during his/her years at Xavier University has shown a high appreciation for the spirit and standards of his/her Alma Mater through reverence, personal integrity, loyalty, service, and scholarship. Enrollment for at least three years at Xavier is a prerequisite. This award is in memory of Mother M. Agatha Ryan, Sister of the Blessed Sacrament and former president of Xavier University.

THE XAVIER UNIVERSITY SERVICE AWARDS. The X.U. Service Key is awarded to those seniors who deserve recognition and commendation for generous and loyal service in their cooperation with the University in its varied activities.

THE WILLIAM H. MITCHELL CHRISTIAN LEADERSHIP AWARD. A plaque is awarded to a senior who has been outstanding in scholarship and cooperation with the activities of the University.

THE VICTOR H. LABAT SERVICE AWARD. A plaque is awarded to a senior who has worked diligently for the general welfare of students and the University.

The National Council, Knights of Peter Claver Awards

THE GILBERT FAUSTINA AWARD. A monetary award is made to the senior who has demonstrated throughout his/her years at Xavier University exceptional leadership and organizing ability among fellow students. This award is in memory of the late Gilbert Faustina, first Supreme Knight of the Knights of Peter Claver.

THE LOUIS ISRAEL AWARD. A monetary award is made to the senior who throughout his/her years at Xavier University has shown an outstanding spirit of self-sacrifice in the service of his/her neighbor. This award is in memory of the late Louis Israel, second Supreme Knight of the Knights of Peter Claver.

THE ALPHONSE PIERRE AUGUSTE AWARD. A monetary award is made to the senior who throughout his/her years at Xavier University has given the finest exemplification of Christian social concern. This award is in memory of the late Alphonse Pierre Auguste, third Supreme Knight of the Knights of Peter Claver.

Awards in the College of Pharmacy

THE LILLY ACHIEVEMENT AWARD. An award, provided by the Eli Lilly Company, is presented to a graduating pharmacy student for superior scholarship and personal achievement. Also considered are leadership qualities and professional attitude.

THE XAVIER UNIVERSITY COLLEGE OF PHARMACY BOWL OF HYGEIA AWARD FOR OUTSTANDING LEADERSHIP The College of Pharmacy awards a commemorative plaque to the graduating student who has exemplified the highest standards of leadership, student advocacy and concern for the welfare and development of his fellow students and the advancement of the College and its programs.

THE XAVIER UNIVERSITY COLLEGE OF PHARMACY AWARD FOR EXCELLENCE. A plaque is awarded to the graduating pharmacy student who has the highest cumulative average in the professional curriculum and has taken the equivalent of at least four semesters at Xavier

Honor Societies

Alpha Epsilon Delta. AED is the international health preprofessional honor society with more than 150 chapters in the U.S. and Canada. The Louisiana Eta chapter at Xavier considers students for membership during the spring of each year provided that the student has completed at least 45 semester hours at Xavier and meets additional requirements that are listed on the AED page of the premedical website, <http://www.xula.edu/premed/PMInfo/a.AED/AED.htm>.

Alpha Kappa Mu. This national society is a multi-discipline honor society that was established at Xavier in 1941 to:

- promote scholarship;
- encourage sincere and zealous endeavor in all fields of knowledge and service;
- cultivate strong values in personal living; and,
- develop an appreciation for scholarship and scholarly endeavors in others.

Election to membership in Alpha Kappa Mu is limited to students of junior or senior status who have earned a minimum of thirty hours at Xavier with a cumulative grade point average of 3.3 or higher.

Beta Beta Beta Biological Honor Society. This national honor society is designed to stimulate interest, scholarly attainment, and investigation in the biological sciences, and to promote the dissemination of information and new interpretations among students of the life sciences. Eligibility for membership is restricted to undergraduate students who are in good academic standing with the University and have:

- completed at least one semester of the sophomore year;
- maintained a cumulative grade point average of 3.0 with no grade of "C" or lower in ANY biology course; and
- achieved at least a 3.3 grade point average in three biological science courses, at least one of which is not an introductory course

Chi Sigma Iota. Chi Sigma Iota was established in 1985 as the international honor society for counselors-in-training, counselor educators, and professional counselors. Its mission is to promote scholarship, research, professionalism, leadership and excellence in counseling, and to recognize high attainment in the pursuit of academic and clinical excellence in the field of counseling. Candidates are eligible for membership in the society if they are enrolled in the graduate counseling program and have completed at least 12 hours of graduate credits. They must have maintained an overall grade point average of at least 3.5.

Delta Mu Delta. Delta Mu Delta is the International Honor Society for business programs accredited by ACBSP at the baccalaureate/graduate level. The Greek letters in the Society's name stand for Dia Mathessos Dynamis, signifying Delta Mu Delta's motto: Through Knowledge, Power, the power to manage creatively for social and economic good. Becoming a member of Delta Mu Delta is an honor indicative of earnest, intelligent purpose and rewarding achievement. To be eligible for membership, the academic ranking of those being considered must place them in the upper 20 percent or higher in their respective class in business: junior or senior.

Kappa Gamma Pi. Kappa Gamma Pi is a national Catholic College Graduate Honor Society. Xavier first became affiliated with the Society in 1941. Prospective members may be nominated upon receipt of either a baccalaureate or an advanced degree. To be eligible, a student must have a 3.3 GPA accompanied by demonstration of outstanding service and leadership.

Kappa Delta Pi International Honor Society in Education. Kappa Delta Pi International Honor Society in Education fosters excellence in education and promotes fellowship among those dedicated to teaching. Students who are eligible for this honor are 1) undergraduate teacher education majors with no less than 30 semester hours earned prior to initiation, at least 12 hours in professional education courses, and a 3.0 GPA; and 2) graduate education majors who have completed at least 6 semester hours of graduate work at Xavier, have at least 12 hours of professional education courses, and a 3.25 GPA. All candidates who qualify must also be recommended by at least two faculty members in the Division of Education and Counseling.

Kappa Phi Kappa Honor Fraternity. Kappa Phi Kappa is a national professional fraternity in education devoted to the professional development of its members. The Gamma Eta Chapter was reactivated at Xavier in 1994. Kappa Phi Kappa's intent is to recognize and bring together those individuals who are making significant contributions to the field of education, or who show promise of providing outstanding leadership in education. The purpose of the fraternity is to develop and foster in interested persons a systematic study of educational issues. To qualify for membership a student in the initial program must have a 3.5 GPA; and a student in the advanced program must have a GPA of 4.0. Students fulfilling the requirements receive a written invitation for membership.

Phi Alpha Delta Law Fraternity International. Phi Alpha Delta (PAD) is an international association organized to promote competency and achievement within the legal profession through developing and upholding the highest standards of professional ethics. Xavier's chapter is part of a 114,000 member worldwide network of attorneys, judges, educators, and students. Membership in PAD qualifies students for participation in a wide array of professional programs, reception of quality reading materials, LSAT study guides and law school information, valuable contacts, and, career planning assistance. Locally, the Xavier PAD chapter is active in promoting community service, law-related speakers and forums, law school application seminars, and networking with local legal professionals. Membership is open to students of any major who are considering law as their career choice.

Phi Alpha Theta. Xavier University's Alpha Mu Pi chapter of Phi Alpha Theta, the national History Honor Society, was founded in 2006. The mission of the society is "to promote the study of history through the encouragement of research, good teaching, publication and the exchange of learning and ideas among historians." Membership (not limited to history majors) is open to any Xavier undergraduate in good standing who has completed the following requirements:

- At least 12 semester hours in history, with a minimum GPA average of 3.1 in these courses (these 12 hours may include up to 3 hours of transfer credit, online course credit, either from Xavier or as transfer, may not be counted towards fulfillment of the requirement);
- An overall GPA of 3.0 or better; and
- Be in the top 35% of his or her class.

Phi Lambda Sigma Pharmacy Leadership Society. Phi Lambda Sigma has as its purpose the promotion of leadership qualities among pharmacy students. The society selects its members by peer recognition on the basis of their demonstration of dedication, service and leadership in the advancement of pharmacy. Eligibility requirements include high moral and ethical character, successful completion of at least one year of the professional curriculum and a cumulative College of Pharmacy grade point average of at least 2.5

Phi Lambda Upsilon National Chemistry Honor Society. The Beta Xi chapter at Xavier was the first chapter at a historically Black university. To be eligible for membership a student must:

- Be majoring in a curriculum leading to a career in chemistry, chemical engineering, the health professions, or other field of applied chemistry;
- Have a 3.0 overall grade point average and be at least a junior or first year student in the College of Pharmacy; and
- Have completed 20 semester hours of chemistry with a grade point average of 3.0 in these courses. (Summer research programs or other programs involving chemistry may be used to fulfill this last requirement.)

Phi Sigma Iota International Foreign Language Honor Society. Phi Sigma Iota is an international foreign language honor society that welcomes high achievers into the diverse global linguistic and literary communities of scholarship. It is centered around the

ancient classical languages of Latin, Greek, Sanskrit, and Hebrew; focuses on the romance languages of French, Italian, Spanish, Portuguese and Romanian; and currently includes all languages of the modern world. Founded in 1922, it expanded into the international arena in 1982, initiating its first international chapter in Monterrey, Mexico, and then in Paris, France. The words PHI SIGMA IOTA represent **Philotes** [friendship], **Spoude** [zeal for languages], and **Idioma** [research and individuality]. In 1949, Phi Sigma Iota was voted membership into the US Association of College Honor Societies, the first language society to receive that honor. Currently there are about 250 chapters worldwide.

Its mantra is: "*To understand others is to understand yourself.*" The establishment of the Xavier University chapter, Lambda Beta, was initiated in 2011 by senior language students who appreciated the need for Xavier students to learn more about other languages and cultures and to be part of a worldwide connection of multicultural and multilingual opportunities. Membership requires a minimum of 3.0 GPA, a minimum 3.3 language GPA, and a planned or completed literature or culture course as part of the curriculum. The society offers scholarships and other awards, small project grants, publishing opportunities, online resources, and references for language teaching skills. Upper level language students who repeat or take lower level language courses are automatically ineligible for membership. See www.phisigmaiota.org.

Phi Sigma Tau Philosophy Honor Society. Founded in 1930, this international honor society in philosophy offers students the distinction of membership, a network of over 180 chapters, a forum to interact with other students interested in philosophy, the opportunity to publish in the society's journal and present papers at its conferences, and receipt of the society's publications including its careers bulletin. To be eligible for membership in Xavier's chapter of the society, a student must have completed at least three semesters of college courses, have completed at least two philosophy courses and be enrolled in a third (all at Xavier), have an overall Xavier GPA of at least 2.85, and have a philosophy GPA of at least 3.2.

Pi Gamma Mu. Pi Gamma Mu is one the oldest and preeminent honor societies in the social sciences. The organization was founded in 1924 by the deans of Southwestern College in Kansas and the College of William and Mary in Virginia. There are over 150 active chapters in the United States and overseas. The Louisiana Lambda chapter at Xavier was established in 2014 to encourage and recognize superior scholarship in social science disciplines and to foster cooperation and social service among its members. Application for membership is open to students who meet the following criteria:

- Must be a junior or senior by standards of Xavier University of Louisiana;
- Must have completed at least 20 semester hours in any combination of social science courses. Pi Gamma Mu's constitution defines the social sciences to include the disciplines of history, political science, sociology, anthropology, economics, international relations, criminal justice, social work, psychology, social philosophy, history of education, and human geography;
- Must have a minimum G.P.A. in the aggregate of those courses of at least 3.0; and,
- Students need not be majoring or minoring in a social science field in order to qualify, but merely demonstrate an interest in the social sciences by virtue of completing the requisite number of courses.

Psi Chi. Psi Chi, the national honor society in psychology, was founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Application for membership is open to Psychology majors who have completed 42 degree credit hours, including 9 in psychology, and have achieved a 3.0 cumulative GPA and a 3.4 GPA in Psychology. Students who meet these criteria and are interested in membership may apply annually for membership.

Rho Chi. Rho Chi society is the academic honor society in pharmacy. The mission of Rho Chi society is to encourage and recognize excellence in intellectual achievement and foster fellowship among its members. Further, the Society encourages high standards of conduct and character, and advocates critical inquiry in all aspects of pharmacy. Pharmacy majors are eligible for membership if they have at least 3.0 grade point average (GPA) and rank in the highest 20 percent of their class. In addition, pharmacy majors must have also completed no less than one-half of the required professional didactic course work to be eligible.

Sigma Tau Delta English Honor Society. The purposes of Sigma Tau Delta national honor society are to:

- Confer distinction for high achievement in English language and literature in undergraduate, graduate, and professional studies;
- Provide, through its local chapters, cultural stimulation on college campuses and to promote interest in literature and the English language in the surrounding communities;

- Foster the discipline of English in all its aspects, including creative and critical writing;
- Promote good citizenship among its members; and,
- Exhibit high standards of academic excellence.

To be eligible for membership, a student must

- Have completed at least two college courses in English language or literature beyond ENGL 1020;
- Have at least a B average in English courses;
- Rank at least in the highest 35% of his/her class in general scholarship; and
- Have completed at least three semesters of college course work.

Colleges of Arts and Sciences

College of Arts and Sciences

Administration Building 110 - (504) 520-7652 - <http://www.xula.edu/cas/index.html>

The College of Arts and Sciences (CAS) consists of six Academic Divisions comprised of twenty-one Academic Departments which together with the College Deans share responsibility for the quality and integrity of the academic programs of the College and fidelity to Xavier's mission.

The CAS Dean's Office provides service to faculty and students on matters pertaining to teaching and learning including curricula, academic progress, and degree requirements. The office staff is accountable for implementation of established policies and procedures found in this University Catalog.

Through the CAS Academic and Planning Councils, the Dean's Office provides oversight of the college core curriculum as well as departmental/divisional and interdisciplinary curricula. This includes provision for assessment at all levels within the college as well as monitoring all programmatic and attitudinal university-wide assessment procedures.

An academic faculty member in the student's major is appointed as an advisor to assist each student in registering for appropriate courses and in determining academic progress. Students who are uncertain about a major or who are not making satisfactory academic progress in their chosen major are temporarily assigned as "Deciding Majors."

CAS Divisions and Departments

Biological and Public Health Sciences

Biology
Public Health Sciences

Business

Education and Counseling

Fine Arts and Humanities

Art
English
History
Languages
Music
Philosophy
Theology

Mathematical and Physical Sciences

Chemistry
Computer Science
Mathematics
Physics

Social and Behavioral Sciences

Communication Studies
Mass Communication
Political Science
Psychology
Sociology
Speech Pathology

Undergraduate Degrees Offered

Bachelor of Arts (B.A.) with majors in:

Art
Art Education
Biology
Mass Communication
Middle School Education
Music

Communication Studies	Philosophy
Elementary Education	Physics
English	Political Science
English/English Education	Social Studies Education
Foreign Language Education	Sociology
French	Spanish
History	Theology

Bachelor of Music (B.M.) with majors in:

Music Education
Music Performance

Bachelor of Science (B.S.) with majors in:

Accounting	Computer Information Systems
Biochemistry	Computer Science
Biology	Mathematics
Biology Education	Mathematics Education
Biology Premed	Physics
Business	Psychological Science
Chemistry	Premedical Psychology
Chemistry Education	Public Health Sciences
Chemistry Prepharmacy	Speech Pathology
Chemistry Preprofessional	Statistics
Chemistry A.C.S.	

Graduate Degrees Offered

Master of Arts (M.A.)
Master of Arts in teaching (M.A.T.)

Requirements for the Degree

In the College of Arts and Sciences, a candidate for the degree must complete a minimum of 120 semester hours of course work with at least a 2.0 cumulative average in an approved program. Each program must include the core curriculum, a major, and a minor (or a double concentration in place of the minor). The candidate must also pass a comprehensive/performance/capstone examination in his/her major field usually in the senior year. A student who has not passed the senior comprehensive, or the Praxis II or GRE for the departments/divisions which allow these tests to be used as a substitute for the senior comprehensive, will not be allowed to participate in the commencement ceremony or to receive a diploma. Approved substitutions for the senior comprehensive are stated in the departmental sections.

Major

Each candidate for a degree in the college must complete an approved major concentration of at least twenty-four, and no more than seventy-three, semester hours. Eighteen hours of these must be completed at Xavier. A minimum GPA of 2.0 is required by the college in the major field, but individual departments/divisions may require a higher average. Students are expected to receive

a "C" grade or better in each course in their major. The approved programs are listed under the departments/divisions which offer them.

See *Second Bachelor's Degree* for more information about earning a second degree.

Change of Major or Minor

The student who wishes to transfer from one major or minor department/division to another must observe the following procedures:

1. Report to the Registrar's Office to obtain a request for change of department/division form;
2. Consult the head of the prospective department/division to ascertain whether the head is in favor of the change;
3. Obtain written approval from the current departmental/division head; and
4. Return to the head of the prospective department/division to obtain written approval.
5. Return the completed form to the Registrar's Office.

The student must follow the academic program and requirements of the department/division that are in effect at the time of transfer.

Minor

Each student's program of study must include a minor in an academic discipline other than the major discipline. The minor is composed of not less than 18 or more than 21 semester hours. When a major curriculum has a "built-in" minor, the student is required to complete that minor. Each student must declare a minor at the beginning of the junior year unless it has already been declared or has been determined by the major. Declaration of the minor is completed when the appropriate form is submitted to the Registrar's Office by the student.

Prescribed minors are found in this catalog within the descriptions of the various departments/divisions which offer them. Successful completion of an official minor will be designated on the student's official record. The official minor designation requires that a minimum of nine (9) of these hours be completed at Xavier.

A student may also satisfy the minor requirement by successfully completing an interdisciplinary minor, which has been approved by the Academic Council of the college, or by successfully completing a double concentration. A double concentration consists of at least twelve hours in each of two disciplines. The specific twelve hours must be approved by the head of the student's major department/division and the head of the other two departments/divisions as well as the Dean of the College.

Any exceptions to the above must be approved by the student's department head and the Dean of the College.

The Core Curriculum

Xavier's core curriculum is the basis of the University's liberal arts education and supports Xavier's Mission. To fulfill the core curriculum, students select from a variety of courses in order to develop an intellectual curiosity that broadens their mind and spirit in an effort to instill a desire for life-long learning. The core curriculum consists of sixty hours of required courses from Fundamental, Essential, and Expansive core areas. Every graduate of the College of Arts and Sciences must demonstrate competency in all three core areas either by taking courses, transferring courses or AP credits, or by successful completion of examinations.

The three core areas are as follows:

1. The *Fundamental Core* (18 semester hours) consists of the introductory college areas in English composition, mathematics, natural science, and a world language other than English. Students who demonstrate competency in any of these areas prior to their first year of enrollment will be given Xavier by-pass credit. Students who do not demonstrate competency in any of these areas must enroll in these courses during their first year.

Courses and/or sequences that fulfill the Fundamental Core are:

- ENGL 1000 or ENGL 1010, then ENGL 1020 (or ENGL 1023H) (6)
- Any 1000-level MATH offering (3)
- Any BIOL, CHEM, IPSC, or PHYS offering that includes a laboratory component (3)
- Foreign Language (6 semester hours of the same language)

Students may demonstrate competency and earn by-pass credit in a Fundamental Core area by meeting at least the minimum score determined by Xavier for credit on the Advanced Placement (AP), College Level Examination Program (CLEP), or International Baccalaureate Program (IB) tests. See "Credit by Examination" on the university web site for details. **Students are strongly urged to consult their major departments/divisions regarding such credit because not all major programs accept credit by examination for courses required by a major or minor.**

2. The *Essential Core* (36 semester hours) is aligned with Xavier's Mission. Xavier requires students and graduates to demonstrate academic excellence, continually develop leadership skills, and show a dedication to service and commitment to furthering a more just and humane society. The Essential Core courses consist of the Freshman Seminar, African American and Diaspora Studies, communication studies, fine arts, history, philosophy, physical education, natural science, social science, theology, and world literature. These courses are essential to holistic self-reflection and the development of values, ethical behavior, celebration of diversity, and an understanding of Xavier's history and mission within a global context.

Courses and/or sequences that fulfill the Essential Core are:

- FRSM 1000 and FRSM 1100 (2)
- AADS 2000, AADS 2010, AADS 3020, or AADS 3370 (3)
- CMST 1010, CMST 1011H, CMST 1080, CMST 1400, CMST 1500 (3)
- Any ART course (except ART 2600), CMST 2010, MSCM 2580, any Music course, or CRWT 1050 (3)
- Any 1000- or 2000-level HIST course (3)
- Any introductory level PHIL course (3)
- Any upper level PHIL course (3)
- Any activity PHED course or test-out (1)
- Any biology, chemistry, computer science, integrated physical science, mathematics, or physics course (3)
- ECON 1030, ECON 2010, ECON 2020, EDUC 3040, PSCI 1010, PSCI 1020, PSCI 2040, PSYC 1010, PSYC 3040, SOCI 1010, SOCI 1011, or SOCI 1015 (3)
- Any two theology courses (6)
- ENGL 2010 or ENGL 2011H (3)

Students who successfully complete two semesters of ROTC are exempt from the core requirement of a one-hour physical education activity course.

3. The Expansive Core (6 semester hours) permits students to broaden their knowledge and learning beyond their major and minor. The Expansive Core has broad categories of Fine Arts, Humanities, Natural Sciences, and Social Sciences. Students are required to select courses designated in the catalog as Expansive Core from at least two of these categories from courses that are outside their major and minor prefixes.

The current list of Expansive Core Curriculum courses are listed on Xavier's website at <http://www.xula.edu/cas>. At printing of this catalog, the Expansive Core courses are:

Fine Arts

- ART 1090 - Art Appreciation

- ART 1210 - Engaging Digital Media
- ART 2030 - Drawing 3 Figure Drawing 1
- ART 2110 - History of Art Ia
- ART 2120 - History of Art Ib
- ART 2600 - Developing Community Programs through the Arts
- ART 3065 - Writing About Art
- ART 4140 - Art of the African Diaspora
- CMST 2010 - Performance of Literature
- CRWT 2141 - Journal Practicum
- CRWT 2143 - Journal Practicum
- CRWT 3065 - Writing About Art - An introduction to ekphrastic writing: poetry and writing about the visual arts

Humanities

- AADS 2060 - Race and Ethnic Relations
- AADS 2080 - African American Philosophy
- AADS 2600 - Africa and the World
- AADS 3350 - African American History I
- AADS 3385 - The Civil Rights Movement in the United States
- AADS 3610 - History of Popular Culture in Africa
- AADS 3675 - The Black Atlantic World
- AADS 3700 - Caribbean History and Roots
- AADS 3800 - Race in the Americas
- AADS 4020 - Afro Hispanic Studies
- AADS 4025 - Afro Latin American Oral Traditions
- AADS 4030 - Afro Latin American Culture and Civilization
- AADS 4140 - Art of the African Diaspora
- CMST 2180 - Introduction to Cultures and Rhetorics
- ENGL 2020 - Introduction to World Literature II
- ENGL 2070 - Survey of British Literature I
- ENGL 2080 - Survey of British Literature II
- ENGL 2141 - Journal Practicum
- ENGL 2143 - Journal Practicum
- ENGL 3050 - Shakespeare in Adaptation
- ENGL 3065 - Writing About Art - An introduction to ekphrastic writing: poetry and writing about the visual arts
- ENGL 3160 - Survey of American Literature I
- ENGL 3170 - Survey of American Literature II
- ENGL 3500 - The Theology of Flannery O'Connor
- ENGL 4030S - Poetry Seminar
- FREN 4025 - Afro-Latin American and Louisiana Oral Traditions: West African Tales and their Transmission to the New World
- FREN 4030 - Afro Latin American Culture and Civilization
- HIST 1050 - Twentieth Century World History
- HIST 1500 - Women in World History
- HIST 1600 - Colonial Encounters in the Modern World
- HIST 1800 - Slavery and Servitude in World History
- HIST 1810 - Human Rights in Global History

- HIST 2170 - Survey of Medieval Europe
- HIST 2220 - Islam: Origins and Historical Impact
- HIST 2250 - Religions of the Ancient Near East
- HIST 2600 - Africa and the World
- HIST 2700 - Introduction to Latin American History
- HIST 3010 - Women in International Contexts
- HIST 3011 - Twentieth Century European History
- HIST 3040 - History of Louisiana
- HIST 3220 - World Wars and Dictatorships in European History
- HIST 3350 - African American History I
- HIST 3385 - The Civil Rights Movement in the United States
- HIST 3610 - History of Popular Culture in Africa
- HIST 3670 - Topics in African History
- HIST 3675 - The Black Atlantic World
- HIST 3700 - Caribbean History and Roots
- HIST 3800 - Race in the Americas
- LANG 4030 - Afro Latin-American Culture and Civilization
- PHIL 2080 - African American Philosophy
- PHIL 2260 - Philosophy of Art
- PHIL 2270 - Philosophy of Religion
- PHIL 2400 - Health Ethics
- PHIL 2410 - Business Ethics
- PHIL 3250 - Philosophy of Science
- PHIL 3260 - Philosophy of Law
- SPAN 3030 - Hispanic Culture I: Film, Art, and Music in Spain and Spanish America-Part 1: Medieval to Eighteenth Century
- SPAN 3031 - Hispanic Culture II: Literature, Film, Art, and Music-Part 2: Nineteenth Century to the Present
- SPAN 4020 - Afro-Hispanic Studies
- SPAN 4025 - Afro-Latin American and Louisiana Oral Traditions: West African Tales and their Transmission to the New World
- SPAN 4030 - Afro Latin-American Culture and Civilization
- THEO 1100 - The Christian Faith
- THEO 1120 - Introduction to Biblical Studies
- THEO 2001 - The Torah of Israel
- THEO 2002 - Prophets and Prophecy
- THEO 2023 - Apocalyptic Literature and the Book of Revelation
- THEO 2100 - Comparative Religion
- THEO 2150 - Theological Perspectives of African American Christianity
- THEO 2220 - Islam: Origins and Historical Impact
- THEO 2250 - Religions of the Ancient Near East
- THEO 2410 - Christianity in the Early Period
- THEO 2440 - Christianity in the Modern Period
- THEO 2500 - Moral Theology
- THEO 2700 - Religion and Theology in North America
- THEO 3410 - Theological Perspectives of the Reformation
- THEO 3500 - The Theology of Flannery O'Connor
- THEO 3800 - Environmental Issues in Christian Perspective
- WMST 1030 - Introduction to Women's Studies

- WMST 1500 - Women in World History
- WMST 2240 - Politics of Gender and Sexuality
- WMST 3010 - Women in International Contexts
- WMST 3035 - Psychology of Gender
- WMST 3400 - Dimensions in Women's Health
- WMST 3990 - Feminist Theory

Natural and Physical Sciences, Mathematics, and Computer Science

- BIOL 1030 - General Biology (Non-science majors)
- BIOL 1030L - General Biology Lab (Non-science majors)
- BIOL 1040 - General Biology (Non-science majors)
- BIOL 1040L - General Biology Lab (Non-science majors)
- BIOL 1050 - Environmental Biology
- CPSC 1010 - Computing Challenges
- CPSC 1210 - Engaging Digital Media
- CPSC 2900 - Introduction to Bioinformatics Programming
- ENGR 1000 - Introduction to Engineering
- ENGR 1100 - Introduction to Engineering Design
- IPSC 2010 - Integrated Physical Science
- IPSC 2020 - Earth Science
- MATH 1020 - Basic Statistics I
- MATH 2020 - Mathematical Modeling in Life Sciences
- MATH 2040 - Basic Statistics II
- MATH 3010 - Biostatistics
- MATH 3010D - Biostatistics Drill
- PHLT 1002 - Nutrition and Health
- PHYS 1010 - General Astronomy
- PHYS 1530 - How Things Work
- PHYS 3060 - Medical Physics
- SPTH 2340 - Anatomy and Physiology of Speech and Hearing Mechanism
- STAT 2010 - Statistical Methods I
- STAT 2020 - Statistical Methods II
- STAT 3010 - Biostatistics
- STAT 3010D - Biostatistics Drill

Social Sciences

- ACCT 1010 - Principles of Accounting
- BSAD 1010 - Introduction to Business
- BSAD 2200 - International Business
- BSAD 3195 - Computer-Based Information Systems
- CMST 1500 - Intercultural Communication

- ECON 1030 - Introduction to Economics
- EDUC 2200 - Multicultural Education
- EDUC 3040 - Educational Psychology
- ENTR 1020 - Introduction to Entrepreneurship
- FINC 1070 - Personal Finance
- GEOG 1010 - World Geography
- GEOG 3010 - A Regional Geography of the World
- MGMT 2060 - Principles of Management
- MGMT 4010S - Leadership Seminar
- MSCM 1100 - Introduction to Mass Communication
- MSCM 1200 - Principles of Visual Media
- MSCM 1210 - Engaging Digital Media
- MSCM 3831 - History of American Mass Media
- PHLT 1001 - Introduction to Public Health
- PSCI 2060 - International Law and Politics
- PSCI 2100 - Law, Politics, and Society
- PSCI 2240 - Politics of Gender and Sexuality
- PSCI 3010 - Comparative Politics
- PSCI 3110 - Civil Rights and Civil Liberties
- PSCI 3250 - Introduction to Political Thought
- PSCI 3360 - Public Policy
- PSCI 3400 - Urban Politics
- PSCI 4100 - International Political Economy
- PSYC 1012 - Human Development
- PSYC 2050 - Health Psychology
- PSYC 2500 - Positive Psychology
- PSYC 3035 - Psychology of Gender
- SMKT 2050 - Principles of Marketing
- SMKT 3550 - Consumer Behavior
- SMKT 3600 - Integrated Marketing Communications
- SMKT 4010S - Leadership Seminar
- SOCI 1010 - Introduction to Sociology
- SOCI 1011 - Global Social Change
- SOCI 2010 - Social Problems
- SOCI 2042 - Deviance
- SOCI 2050 - Sociology of the Family
- SOCI 2060 - Race and Ethnic Relations
- SOCI 3070 - Medical Sociology

The outcomes and learning objectives of the core curriculum are fourfold:

Outcome 1: Communication

Students must demonstrate effectiveness in oral, written, and technological forms of communication, using different mediums and information sources for a variety of audiences. Students must learn to:

1. communicate ideas clearly, coherently, and rationally in both writing and speaking;
2. apply technology in the processes of communication; and
3. apply resources of libraries and databases in speaking and writing.

Outcome 2: Reasoning Strategies

Students must be able to use a variety of reasoning strategies effectively to draw conclusions and solve problems. They must learn to:

1. solve problems using critical and creative thinking and scientific reasoning strategies;
2. approach arguments critically and rationally evaluate their conclusions;
3. think rationally by discerning, synthesizing, and applying information; and
4. solve problems using quantitative reasoning skills.

Outcome 3: Range of Human Experience

Students are required to gain a breadth and depth of learning represented by Arts and Humanities, Social Sciences, and Natural and Physical Sciences. Graduates must be able to:

1. demonstrate an appreciation for aesthetics and creative activities;
2. have a working knowledge of scientific principles and processes;
3. use literary and historical perspectives to demonstrate a knowledge of the world's diverse cultures;
4. develop a global understanding of the economic, social, and political world in which we live by analyzing the characteristics of individuals, families, groups, and institutions;
5. demonstrate an awareness of a language other than English and a culture other than American; and
6. demonstrate an evolving perspective of African American culture and heritage.

Outcome 4: Faith, Ethics, and Social Responsibility

Students will enrich their understanding of the deep value of religious faith and moral choice for the creation of a more just and humane society. They will be expected to:

1. demonstrate knowledge of theological and philosophical principles and its application to questions of religious faith and social justice;
2. demonstrate knowledge of moral principles and its application to issues of individual and social responsibility; and
3. construct a coherent system of personal values that contributes to the creation of a more just and humane society.

Division of Biological and Public Health Sciences

Division of Biological and Public Health Sciences

The Division of Biological and Public Health Sciences serves the Xavier community by creating a diverse environment for learning and teaching all aspects of the life sciences and promoting the well-being of human societies and individuals. Students with majors and minors in this division will gain understanding of the molecular, organismal, population, ecological, functional, and phylogenetic facets of life.

Human society is part of a larger community of microorganisms, plants, animals, and many other forms of life, which are characterized both by their unity and their diversity. As biological organisms, we share a common heritage including such traits as DNA, genes, membranes, cells, and reproduction. Yet each species and each individual also possesses traits unique to itself. The study of these organisms and their functions and characteristics is the subject of biology. Our health and well-being is impacted by our physical environment, by our individual behaviors, and by an array of elements that work together to influence human health. The study of elements that impact our health from policy to individual behaviors and choices is the subject of public health.

These fields of study are investigated by the division's two departments, the Department of Biology and the Department of Public Health Sciences. Students majoring in these subjects will be prepared for careers in a variety of fields in biomedical sciences, public health, and the life sciences. Students also may continue their studies by seeking advanced degrees in medical or other professional schools, or in graduate school. Faculty members in the division are involved in research projects in various fields of biology and public health. They bring their research expertise into the classroom, and also bring students into the field and laboratory to participate with them in their investigations. The Division of Biological and Public Health Sciences is committed to preparing its students to assume roles of leadership and service in a global society.

The Division of Biological and Public Health Sciences offers the following degree programs.

B.A. in Biology

B.S. in Biology

B.S. in Biology Dual Degree program in Biomedical Engineering (in conjunction with the Division of Mathematical and Physical Sciences)

B.S. in Biology Education (in conjunction with the Division of Education and Counseling)

B.S. in Biology Premed

B.S. in Public Health Sciences

Department of Biology

Division of Biological and Public Health Sciences

NCF Science Annex 433 - (504) 520-7527 - <http://www.xula.edu/biology/index.html>

The study of life in its myriad forms is an enriching experience which enhances the spiritual and cultural development of those who engage in it. The Biology Department is dedicated to fostering a richer and fuller appreciation of the living world in all students, both majors and non-majors.

The Department offers both a B.S. and a B.A. degree. The B.S. is offered through programs in Biology, Biology Premed, Biology Education, and a dual degree program in Biomedical Engineering. The B.S. programs provide excellent preparation for a number of different career paths and for graduate school or for medical or other professional schools. The Biology Education major enables students to obtain certification from the State of Louisiana as teachers of high school biology at the same time that they receive their undergraduate degree.

Students seeking a B.S. in Biology may designate themselves Premedical when declaring their major. The Biology B.S. program and the Biology Premedical B.S. program have identical course requirements, and both include a Chemistry minor. The Premedical designation also includes students preparing for dental, veterinary, and other health professional schools. Biology majors may choose the accelerated Premedical program, which enables them to seek admission to medical school at the end of their junior year. Students on the accelerated program complete their B.S. degree from Xavier using transfer credits earned in their first year of professional school. This accelerated program does not exempt a student from the Core Curriculum or required Biology courses.

The B.A. degree in Biology is designed to serve Biology majors who are interested in combining their study of biology with other disciplines such as pre-law, marketing, social sciences, journalism, or history. Students seeking the B.A. degree may select any minor or double concentration. This degree will not by itself prepare students for medical or dental schools, and may not provide all the coursework expected for graduate programs in Biology. Therefore, the B.A. program is not recommended for students who plan to pursue a graduate degree in Biology. Those who opt for the B.A. degree will be required to take additional courses in chemistry, physics and mathematics if they later wish to attend professional school.

Only Biology courses completed with a grade of "C" or better will be counted towards the major. Except in unusual circumstances, students who must repeat more than two Biology courses will not be permitted to continue as majors, and no Biology course may be repeated more than once. Also, majors are required to pass a comprehensive examination.

Xavier is an Affiliate Institution of the Gulf Coast Research Laboratory, Ocean Springs, MS and a Member Institution of the Louisiana Universities Marine Consortium (LUMCOM) in Cocodrie, LA. Xavier students are eligible to take courses at these institutions. Interested students should consult the Summer Announcement found on each institution's respective website.

The Department recognizes a special obligation to students who choose to major in biological sciences and is committed to the task of providing these individuals with knowledge and opportunities which will enable them to become contributing members of society in their chosen fields. These students, upon graduation from Xavier, should be able to successfully pursue graduate or professional study, careers in research and teaching, or fill other positions requiring a background in biology. To achieve these goals, the Biology Department will attempt to:

1. provide students with knowledge of basic biological concepts so that they may be able to explain the concepts, interpret data in light of these concepts, and organize these concepts in such a manner as to indicate an understanding of their interrelatedness; and
2. provide practice in the use of the scientific method and tools of research so that the students may be able to organize a scientific problem, investigate the problem, and present their findings using an acceptable scientific format.

Required and Elective Courses in the Department

For the major in Biology or Biology Premed (including the 3+1 accelerated track): BIOL 1210L , BIOL 1220L, BIOL 1230/BIOL 1230L, BIOL 1240/BIOL 1240L, BIOL 2000/BIOL 2000L, BIOL 2010L/BIOL 2010, BIOL 3110/BIOL 3110L, BIOL 4210, and fifteen hours of Biology electives.

Students in all programs should note that: 1) required courses MUST be taken in sequence as indicated in the curricula outlined below; 2) Biology electives are not to be attempted until all required Biology courses (except BIOL 4210) are successfully completed; 3) students should realize the value of laboratory experience and schedule accompanying laboratory courses when selecting electives, although for sufficient reason the lab can be omitted; 4) students may not register for a laboratory course without concurrently taking (or previously completed) the corresponding lecture; 5) all students regardless of their program are to register for BIOL 4999 - Senior Comprehensives in the Fall semester for students planning to graduate in May, and in the Spring for students planning to graduate in December. Students will not be permitted to attempt senior comprehensives unless they have at least a 2.0 grade point average both overall and in the major, and have satisfactorily completed all specifically required Biology courses.

In planning their elective courses, students should consult with their faculty advisors, who will assist them in choosing courses that are appropriate for the student's interests and goals.

Honors in Biology - Each spring the department will select a limited number of students for possible graduation "with Honors in Biology." Students who achieve this distinction will have maintained at least a 3.50 grade point average in Biology and 3.30 grade point average overall, with no grade of "C" or lower in any Biology course, throughout their undergraduate careers. Biology majors who satisfy these minimum requirements and who wish to be considered for the program are asked to apply by letter early in the spring semester of the junior year. Students will be notified of the outcome of their application in writing. Successful applicants will be required to register for BIOL 4011S and BIOL 4020S - Honors Seminar, rather than BIOL 4210, in consecutive years of their senior year. This course carries one hour of academic credit which will be awarded only after successful completion of both semesters. Students will be required to submit a paper on their seminar topic to their seminar mentor during the semester in which the seminar is given. Students will be dropped from the program if they fail to continue to meet the academic requirements given above.

Biology Minor

Major

Biology (Accelerated Premedical 3 + 1), B.S.

Freshman Year

First Semester

- BIOL 1210L - Foundations of Biology I
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- ENGL 1000 - Intensive English Composition and Rhetoric
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus

Semester Hours: 17

Second Semester

- BIOL 1220L - Foundations of Biology II
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I *

Semester Hours: 16

* The Statistics and Expansive Core requirements can also be completed with STAT 2010, STAT 3010/STAT 3010D, or MATH 3010/MATH 3010D.

Sophomore Year

First Semester

- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- ENGL 2010 - Introduction to World Literature I
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- Philosophy Essential Core 3
- Communication Studies Essential Core 3
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Semester Hours: 18

Junior Year

First Semester

- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- BIOL 4210 - Introduction to Scientific Literature
- BIOL 4999 - Senior Comprehensives
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Foreign Language Fundamental Core 3
- History Essential Core 3

Semester Hours: 17

Second Semester

- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3
- Philosophy Essential Core 3
- Economics, Political Science, Psychology, or Sociology Essential Core 3
- Theology Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 16

Credits Accepted from Medical School:

Biology Electives	15
Chemistry Electives	3
Free Electives	6
Total	24

Summary: B.S. Program in Biology (3 + 1 Curriculum)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, BIOL 1230/BIOL 1230L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), History (3), Natural Science (3, BIOL 1240), Philosophy (6), Physical Education (1, activity course), Economics, Political Science, Psychology, or Sociology (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including MATH 1020 (3)

Major: 41*

- BIOL 1210L - Foundations of Biology I
- BIOL 1220L - Foundations of Biology II
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I

- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- BIOL 4210 - Introduction to Scientific Literature
- BIOL 4999 - Senior Comprehensives
- BIOL Transfer 15
- MATH 1020 - Basic Statistics I
- MATH 1030 - Pre-Calculus
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Minor: 19

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM Transfer 3

Free Electives (Transfer): 6

Total Hours: 126

* Includes hours already counted in core and/or required courses from other disciplines.

Biology Dual Degree in Biomedical Engineering, B.S.

The Department of Biology supports the dual degree engineering program in Biomedical Engineering which is detailed below. For more information regarding Dual Degree Engineering Programs, students should consult with the Director of Dual Degree Engineering Programs and see the information about Dual Degree Engineering Programs in this catalog.

Freshman Year

First Semester

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- ENGR 1000 - Introduction to Engineering (Expansive Core) 1
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- MATH 1070 - Introductory Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Second Semester

- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- ENGR 1100 - Introduction to Engineering Design (Expansive Core) 2
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 2070 - Calculus II

Semester Hours: 18

Sophomore Year

First Semester

- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- Communication Studies Essential Core 3
- CMST 1010 - Fundamentals of Public Speaking
- MATH 2080 - Calculus III
- PHYS 1121 - General Physics I
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- African American and Diaspora Studies Essential Core 3
- MATH 2030 - Elementary Linear Algebra
- PHYS 2111 - General Physics II
- Theology Essential Core 3

Semester Hours: 17

Junior Year

First Semester

- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- BIOL 4999 - Senior Comprehensives
- ENGR 2210 - Mechanics-Statics
- ENGL 2010 - Introduction to World Literature I
- MATH 2530 - Differential Equations
- PHYS 2121 - General Physics III

Semester Hours: 17

Second Semester

- BIOL 4210 - Introduction to Scientific Literature
- Expansive Core 3
- History Essential Core 3
- Philosophy Essential Core 3
- PHIL 2040 - Logic
- Economics, Political Science, Psychology, or Sociology Essential Core 3

Semester Hours: 16

Taken at Engineering School

Foreign Language	6	World Language
Fine Arts	3	Essential Core

Engineering Electives	15	Electives
	24	

Summary: B.S. Biology Dual Degree Program in Biomedical Engineering

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3 of 4, CHEM 1110/CHEM 1111L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1120), Philosophy (6, including PHIL 2040), Physical Education (1, activity-based), Economics, Political Science, Psychology, or Sociology (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including ENGR ENGR 1000-ENGR 1100 (3) (recommended)

Major: 53

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- BIOL 4210 - Introduction to Scientific Literature
- BIOL 4999 - Senior Comprehensives
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- ENGR 1000 - Introduction to Engineering
- ENGR 1100 - Introduction to Engineering Design
- ENGR 2210 - Mechanics-Statics
- ENGR electives 15
- PHYS 1121 - General Physics I

- PHYS 2111 - General Physics II
- PHYS 2121 - General Physics III

Minor*: 15

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Total Hours: 128

* Includes hours already counted in core and/or required courses from other disciplines.

Biology Education (Grades 6-12) (Certification - Biology), B.S.

Biology Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- EDUC 1000 - Teacher Prep ***

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Languages Fundamental Core 3
- FRSM 1000 - Freshman Seminar I

Semester Hours: 15

Second Semester

- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Languages Fundamental Core 3
- FRSM 1100 - Freshman Seminar II

Semester Hours: 18

Sophomore Year

First Semester

- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- EDUC 2044 - Methods of Classroom Organization and Management
- ENGL 2010 - Introduction to World Literature I
- Fine Arts Essential Core 3
- MATH 1030 - Pre-Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Second Semester

- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education
- MATH 1020 - Basic Statistics I
- Philosophy Essential Core 3

Semester Hours: 16

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level Education and Psychology courses.

First Semester

- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- EDUC 3040 - Educational Psychology
- Expansive Core 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 16

Second Semester

- BIOL Elective Biology 4
- BIOL 4210 - Introduction to Scientific Literature
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- African American and Diaspora Studies Essential Core 3
- History Essential Core 3
- Theology Essential Core 3

Semester Hours: 17

Senior Year

First Semester

- BIOL 4550 - Advanced Readings in Biology
- Biology Electives Biology 5
- EDSC 3023 - Special Methods 3
- Expansive Core (IPSC or PHYS recommended *) Expansive Core 3

Semester Hours: 14

Second Semester

- EDSC 3023B - Methods of Teaching Biology
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 15

Summary: B.S. Program in Biology Education (Grades 6-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1020), Natural Science (3 of 4, BIOL 1230/BIOL 1230L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1010), Philosophy (6), Physical Education (1, activity-based), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one IPSC or PHYS Expansive Core course (3) (recommended) *

Major: 30 **

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
(1 of 4) for BIOL 1230/BIOL1230L
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- BIOL 4210 - Introduction to Scientific Literature
- BIOL 4550 - Advanced Readings in Biology
- BIOL Electives 9

Education: 30

- EDSC 3023
- EDSC 3023B - Methods of Teaching Biology
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar

- EDUC 4090 - Adolescent Psychology

Other Required Courses: 9 **

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
(1 of 4) for CHEM 1010/1010D/1011L
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- MATH 1030 - Pre-Calculus

Total Hours: 129

*Teacher certification standards require 3 hours in IPSC or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Biology Premed, B.S.

Freshman Year

First Semester

- BIOL 1210L - Foundations of Biology I
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- Communication Studies Essential Core 3

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I

Semester Hours: 16

Second Semester

- BIOL 1220L - Foundations of Biology II

- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- History Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- ENGL 2010 - Introduction to World Literature I
- MATH 1030 - Pre-Calculus
- or
- MATH 1070 - Introductory Calculus

Semester Hours: 15

Second Semester

- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- MATH 1020 - Basic Statistics I *
- Philosophy Essential Core 3
 - Economics, Political Science, Psychology, or Sociology Essential Core 3

Semester Hours: 17

* The Statistics and Expansive Core requirements can alternatively be completed with STAT 2010, STAT 3010/STAT 3010D, or MATH 3010/MATH 3010D .

Junior Year

First Semester

- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- CHEM 3130 - Introduction to Biochemistry
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- Physical Education (activity course) Essential Core 3
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- BIOL Elective Biology 8
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II
- Philosophy Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- BIOL Electives Biology 4
- BIOL 4210 - Introduction to Scientific Literature
- BIOL 4999 - Senior Comprehensives
- Foreign Language World Language 3
- Expansive Core 3
- Theology Essential Core 3
- African American and Diaspora Studies Essential Core 3

Semester Hours: 17

Second Semester

- BIOL Electives Biology 3
- Foreign Language World Language 3
- Fine Arts Essential Core 3
- Free Electives 6

Semester Hours: 15

Summary: B.S. Program in Biology Premed

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, BIOL 1230/BIOL 1230L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), History (3), Natural Science (3, BIOL 1240), Philosophy (6), Physical Education (1, activity course), Economics, Political Science, Psychology, or Sociology (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including MATH 1020 (3)

Major: 41*

- BIOL 1210L - Foundations of Biology I
- BIOL 1220L - Foundations of Biology II
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- BIOL 4210 - Introduction to Scientific Literature
- BIOL Electives 15
- BIOL 4999 - Senior Comprehensives
- MATH 1020 - Basic Statistics I
- MATH 1030 - Pre-Calculus
- or
- MATH 1070 - Introductory Calculus
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Minor: 19

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- CHEM 1020 - General Chemistry II

- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3130 - Introduction to Biochemistry

Free Electives: 6

Total Hours: 126

*Includes hours already counted in core and/or required courses from other disciplines.

Biology, B.A.

Freshman Year

First Semester

- BIOL 1210L - Foundations of Biology I
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- Communication Studies Essential Core 3
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I

Semester Hours: 16

Second Semester

- BIOL 1220L - Foundations of Biology II
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory

- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- History Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- ENGL 2010 - Introduction to World Literature I
- MATH 1030 - Pre-Calculus
- Philosophy Essential Core 3

Semester Hours: 17

Second Semester

- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- Minor 3
- Economics, Political Science, Psychology, or Sociology Essential Core 3
- Theology Essential Core 3
- African American and Diaspora Studies Essential Core 3

Semester Hours: 16

Junior Year

First Semester

- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- Foreign Language Fundamental Core 3
- Minor 3
- Physical Science 3 **
- Theology Essential Core 3

Semester Hours: 16

Second Semester

- BIOL Elective* Biology 4
- Expansive Core 3
- Foreign Language Fundamental Core 3
- Minor 3
- Philosophy Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- BIOL 4210 - Introduction to Scientific Literature
- BIOL Electives Biology 7 *
- BIOL 4999 - Senior Comprehensives
- Minor 6

Semester Hours: 14

Second Semester

- BIOL Electives Biology 4 *
- Fine Arts Essential Core 3
- Free Electives or Expansive Core 3 ***
- Minor 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 14

Summary: B.A. Program in Biology

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, BIOL 1230/BIOL 1230L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), History (3), Natural Science (3, BIOL 1240), Philosophy (6), Physical Education (1, activity course), Economics, Political Science, Psychology, or Sociology (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including PHYS 1010 or IPSC (if taken for Physical Science)

Major: 44

- BIOL 1210L - Foundations of Biology I
- BIOL 1220L - Foundations of Biology II
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- BIOL 4210 - Introduction to Scientific Literature
- BIOL electives 15
- BIOL 4999 - Senior Comprehensives
- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- MATH 1030 - Pre-Calculus
- Physical Science 3

Minor: 18

Free Electives: 4

Total Hours: 125

*See under "Required and elective courses in the Department."

** PHYS 1010, PHYS 2010, IPSC 2010, or IPSC 2020 will satisfy the Physical Science requirement. PHYS 1010 IPSC 2010, or IPSC 2020 will satisfy both the physical science and an Expansive Core requirement.

*** If PHYS 2010 is used to complete the physical science requirement, an Expansive Core course will be needed instead of a Free Elective.

Biology, B.S.

Freshman Year

First Semester

- BIOL 1210L - Foundations of Biology I
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- Communication Studies Essential Core 3

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I

Semester Hours: 16

Second Semester

- BIOL 1220L - Foundations of Biology II
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- History Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- ENGL 2010 - Introduction to World Literature I
- MATH 1020 - Basic Statistics I
- MATH 1030 - Pre-Calculus

- MATH 1070 - Introductory Calculus

- Theology Essential Core 3

Semester Hours: 15

Second Semester

- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- MATH 1020 - Basic Statistics I
- Political Science, Psychology, or Sociology Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 17

Junior Year

First Semester

- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- CHEM 3130 - Introduction to Biochemistry
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- Physical Education (activity course) Essential Core 1
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- BIOL Elective Biology 8
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II
- Philosophy Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- BIOL Electives Biology 4

- BIOL 4210 - Introduction to Scientific Literature
- BIOL 4999 - Senior Comprehensives
- Foreign Language World Language 3
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 17

Second Semester

- BIOL Electives Biology 3
- Foreign Language World Language 3
- Fine Arts Essential Core 3
- Free Electives 6

Semester Hours: 15

Summary: B.S. Program in Biology

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, BIOL 1230/BIOL 1230L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), History (3), Natural Science (3, BIOL 1240), Philosophy (6), Physical Education (1, activity course), Economics, Political Science, Psychology, or Sociology (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including MATH 1020 (3)

Major: 41*

- BIOL 1210L - Foundations of Biology I
- BIOL 1220L - Foundations of Biology II
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- BIOL 2010L - General Microbiology Lab

- BIOL 2010 - General Microbiology
- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- BIOL 4210 - Introduction to Scientific Literature
- BIOL electives 15
- BIOL 4999 - Senior Comprehensives
- MATH 1020 - Basic Statistics I

- MATH 1030 - Pre-Calculus
or
- MATH 1070 - Introductory Calculus

- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Minor: 19

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3130 - Introduction to Biochemistry

Free Electives: 6

Total Hours: 126

*Includes hours already counted in core and/or required courses from other disciplines.

Minor

Biology Minor

Students in other majors who wish to minor in Biology must take BIOL 1230/BIOL 1230L, BIOL 1240/BIOL 1240L, and at least ten additional hours of Biology numbered 1210 and above.

Department of Public Health Sciences

Division of Biological and Public Health Sciences

Library Resource Center 321 - (504) 520-6707 - <http://www.xula.edu/publichealth/index>

The mission of the undergraduate major in Public Health Sciences is to utilize a strong foundation in liberal arts and public health to educate students on how to critically think and implement multidisciplinary public health strategies to promote health and well-being on a population basis. Completing the public health sciences major will: (1) expose students to the historical and societal associations between determinants of health and health outcomes utilizing analytical thinking and critical assessment; (2) provide students with a variety of professional development and academically challenging experiences that prepare students to enter the public health workforce or graduate/professional schools; (3) assist students with demonstrating creativity, inquisitiveness, and evidenced-based rigor in the application of public health problem-solving skills; and 4) assist students with developing skills and abilities to design, implement, and evaluate health intervention to address a variety of health issues.

The public health sciences undergraduate degree program is built upon Xavier's strong emphasis in the liberal arts. The liberal arts courses help to establish an interdisciplinary perspective based on a variety of disciplinary contributions in the arts and sciences - all of which are critical to students' preparation in public health. These courses include history, ethics and philosophy, English literature, psychology, sociology, political science/public policy, economics, biology, chemistry, physics, mathematics/statistics, languages, communication, and fine arts. These recommended courses align nicely with the required core courses every Xavier University student must take.

Major

Public Health Sciences, B.S.

Required Courses

The requirements for a major in public health sciences include the following nine courses:

Completing all of the required courses will help students learn about underlying causes of health and the role public health plays in addressing them. Students will learn how to apply public health approaches to prevent or intervene on public health concerns both domestically and internationally.

In order for a public health sciences course to be counted for degree credit, a student must earn a "C" or better. In addition, public health sciences majors are required to attend classes regularly; complete a nine credit hour senior internship; and pass the senior comprehensive exam. Students interested in medical or dental school should begin work in the freshmen year on a minor in biology, chemistry, and any other courses required by medical and dental schools.

As in all undergraduate majors at Xavier, public health sciences majors are required to declare a minor. Students may consider, for example, establishing a minor in biology, mathematics, psychology, sociology, theology or business.

- PHLT 1001 - Introduction to Public Health
- PHLT 1002 - Nutrition and Health
- PHLT 2001 - Behavioral Theories in Public Health
- PHLT 2002 - Health Promotion Program Planning
- PHLT 2004 - Introduction to Environmental Health
- PHLT 3001 - Introduction to Epidemiology
- PHLT 3003 - Fundamentals of Program Evaluation

- PHLT 4002 - Introduction to Global Health
- PHLT 4003 - Senior Seminar Case Studies

Freshman Year

First Semester

- PHLT 1001 - Introduction to Public Health
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- Communication Studies Essential Core 3
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I

Semester Hours: 14

Second Semester

- PHLT 1002 - Nutrition and Health
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- Social Science Essential Core 3
- Fine Arts Essential Core 3

Semester Hours: 17

Sophomore Year

First Semester

- PHLT 2001 - Behavioral Theories in Public Health
- PHLT 2002 - Health Promotion Program Planning
- ENGL 2010 - Introduction to World Literature I
- Foreign Language Fundamental Core 3
- Physical Education (Activity-Based) Essential Core 1

Semester Hours: 13

Second Semester

- MGMT 2060 - Principles of Management
- PHLT 2004 - Introduction to Environmental Health
- Foreign Language Fundamental Core 3
- Philosophy Essential Core 3
- MATH 1020 - Basic Statistics I
or
- STAT 2010 - Statistical Methods I
- Minor 3

Semester Hours: 18

Junior Year

First Semester

- PHLT 3001 - Introduction to Epidemiology
- African American and Diaspora Studies Essential Core 3
- History Essential Core 3
- BIOL 3350 - Anatomy and Physiology
- BIOL 3350L - Anatomy and Physiology Lab
- PHIL 2400 - Health Ethics
- Minor 3

Semester Hours: 15

Second Semester

- PHLT 3003 - Fundamentals of Program Evaluation
- MATH 2040 - Basic Statistics II
or
- STAT 2020 - Statistical Methods II
- MATH 2150L - Statistics Technology Lab
or
- STAT 2150L - Statistics Technology Lab
- Theology Essential Core 3
- Minor 3

Semester Hours: 13

Senior Year

First Semester

- PHLT 4002 - Introduction to Global Health
- PHLT 4003 - Senior Seminar Case Studies

- PHLT 4999 - Senior Comprehensive Exam *
- Theology Essential Core 3
- Expansive Core 3
- Minor 6

Semester Hours: 18

Second Semester

- PHLT 4004 - Senior Internship
- Essential Core 3

Semester Hours: 12

Summary: Program in Public Health Sciences

Fundamental Core: 12

English Composition (6, ENGL 1000/ENGL 1010 and ENGL 1020), Language (6 of same language)

Essential Core: 33

Freshman Seminar (2, FRSM 1000 and FRSM 1100), African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), History (3), Philosophy (6, including PHIL 2400), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3)

Expansive Core: 6

(includes MGMT 2060-3)

Major: 36

- PHLT 1001 - Introduction to Public Health
- PHLT 1002 - Nutrition and Health
- PHLT 2001 - Behavioral Theories in Public Health
- PHLT 2002 - Health Promotion Program Planning
- PHLT 2004 - Introduction to Environmental Health
- PHLT 3001 - Introduction to Epidemiology
- PHLT 3003 - Fundamentals of Program Evaluation
- PHLT 4002 - Introduction to Global Health
- PHLT 4003 - Senior Seminar Case Studies
- PHLT 4004 - Senior Internship
- PHLT 4999 - Senior Comprehensive Exam

Other Major Required Courses: 16

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- MATH 1020 - Basic Statistics I
- or
- STAT 2010 - Statistical Methods I
- MATH 2040 - Basic Statistics II
- or
- STAT 2020 - Statistical Methods II
- MATH 2150L - Statistics Technology Lab
- or
- STAT 2150L - Statistics Technology Lab

Minor/Electives: 18

Total Hours: 120

*All Public Health Science majors must take the Comprehensive Exam and score at least 70% to pass in order to register for PHLT 4004 (Senior Intern).

Minor

Public Health Sciences Minor

Required Courses

Students interested in completing a minor in public health sciences must complete 18 credit hours in the following courses:

Establishing a minor in public health sciences may be of interest to students interested in a career in the health professions. Therefore, students majoring in premedicine, biology, chemistry, psychology, business, and sociology may find a minor in Public Health Sciences of interest.

- PHLT 1001 - Introduction to Public Health
- PHLT 1002 - Nutrition and Health
- PHLT 2001 - Behavioral Theories in Public Health
- PHLT 2002 - Health Promotion Program Planning
- PHLT 3001 - Introduction to Epidemiology
- PHLT 4003 - Senior Seminar Case Studies

Division of Business

Division of Business

Xavier South 330 - (504) 520-7505 - <http://www.xula.edu/business/index.html>

The mission of the Division of Business is to prepare tomorrow's socially responsible business leaders. Consistent with the University's mission, the Division prepares its students by providing them with the necessary skill set to perform early in their career in addition to the strategic and moral thought processes to be leaders in their organizations and society in general. The Division of Business has the overall goal of enabling students to integrate knowledge from various disciplines in order that they may make significant contributions in the business profession and accomplish the mission of assuming leadership roles in society. In the Division of Business at Xavier University of Louisiana we are Business Intelligent, Morally Focused, Passionate Educators, and Success Driven.

The division is accredited by the Accreditation Council for Business Schools and Programs (ACBSP). This accreditation certifies that the teaching and learning processes within the Business Division meet the rigorous educational standards established by ACBSP. In line with ACBSP's mission, the division strives to establish, promote, and recognize educational practices that contribute to the continuous quality improvement of its business education programs, the teaching of its business courses, and students' learning outcomes.

The division's objectives are attained through the university core curriculum, the business core program, and an elective area in business. The division offers two degree programs: (1) Accounting and (2) Business. In the Business major, a student is required to choose one of the following three areas of concentration: Finance, Management, or Sales and Marketing. Students with a major in the Division of Business need not declare a separate minor. The minor is automatically selected by the curriculum chosen by the student.

The division offers an ideal program which includes foundational requirements (introductory courses), requirements that provide breadth in the discipline (elective courses), a depth dimension which probes the structure more deeply (major courses), and a capstone experience, whereby students apply their knowledge and skills in creative and systematic ways through research and writing.

Students majoring in Accounting must earn a grade of "C" or better in all Accounting courses (designated as ACCT). The accounting program prepares students for the Certified Public Accountant (C.P.A.) examination. The Louisiana State Board of Certified Public Accountants requires candidates to have a college degree and a minimum of 150 degree credit hours to take the C.P.A. Exam.

Students majoring in Business must earn a grade of "C" or better in all courses in the respective concentration (See Concentration Requirements in the Program in Business).

All divisional majors and minors must earn a cumulative average of 2.0 in their divisional courses. Majors are also required to pass a comprehensive examination in their specific programs for graduation.

Senior Comprehensive Examination - In their senior year, all majors in the Division of Business are required to register for and successfully complete a written examination comprehensive of general topics covered during the course of their specific academic programs. In the catalog this is designated as ACCT 4999 (for Accounting majors), BSAD 4999 (for Business-Management), FINC 4999 (for Business-Finance), and SMKT 4999 (for Business-Sales and Marketing). The comprehensive examination is a two-hour test that assesses students' skills in their specific concentration. Students who do not successfully complete the examination after a re-take must re-register for the exam in the subsequent semester.

Xavier-Tulane MBA and Graduate Programs - The Division of Business has three joint programs with Tulane University's Freeman School of Business. These programs are: Master of Business Administration (MBA), Master of Accounting (MACCT), and Master of Finance (MFIN). Students are admitted to these programs while they are attending Xavier and may receive tuition assistance. The MBA program requires students to have at least two years of work experience prior to starting their graduate

work. Graduate studies can begin immediately upon completion of the undergraduate degree in the MACCT and MFIN programs. Those interested in the program should consult with the Chair of the Business Division for further details.

Honors in Business - Students either majoring or minoring in any academic program in the Division of Business qualify for the distinction of "Honors in Business" by having an overall GPA of at least 3.3. In addition, majors must earn a GPA of at least a 3.5 in their concentration courses, and minors must earn a GPA of at least a 3.5 in their minor coursework.

The Division of Business offers the following minors for students in other departments. All minors must earn a 2.0 average in their minor courses:

Minor in Accounting

Minor in Business Administration

Minor in Financial Economics

Minor in Entrepreneurship

Minor in Sales and Marketing

Major

Accounting, B.S.

Common Freshman Program

Freshman Year

During the sophomore year divisional majors begin to study in one of two programs: Accounting or Business. Students with a Business major must select a concentration in Finance, Management, or Sales and Marketing.

First Semester

- ACCT 1010 - Principles of Accounting
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus
- Natural Science Essential Core 3

Semester Hours: 17

Second Semester

- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II

- Philosophy Essential Core 3
- Physical Education (activity course) Essential Core 1
- History Essential Core 3

Semester Hours: 17

Sophomore Year

First Semester

- ACCT 2010 - Intermediate Accounting I
- ECON 2010 - Principles of Micro Economics
- ECON 2070 - Statistics I
- MGMT 2060 - Principles of Management
- ENGL 2010 - Introduction to World Literature I

Semester Hours: 15

Second Semester

- ACCT 2020 - Intermediate Accounting II
- BSAD 2011 - Business Communications
- ECON 2020 - Principles of Macro Economics
- ECON 2080 - Statistics II
- SMKT 2050 - Principles of Marketing

Semester Hours: 15

Junior Year

First Semester

- ACCT 3010 - Advanced Accounting
- ACCT 3070 - Cost Accounting
- BSAD 3055 - Quantitative Analysis
- BSAD 2200 - International Business
- FINC 3050 - Corporate Finance

Semester Hours: 15

Second Semester

- ACCT 3090 - Governmental Accounting
- BSAD 2030 - Business Law
- BSAD 3195 - Computer-Based Information Systems

- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- ACCT 4040 - Advanced Tax Accounting
- African American and Diaspora Studies Essential Core 3
- Fine Arts Essential Core 3
- PHIL 2410 - Business Ethics
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- ACCT 3030 - Tax Accounting
- ACCT 3040 - Auditing
- ACCT 4000 - Seminar
- ACCT 4999 - Senior Comprehensives
- BSAD 4000 - Strategic Management

Semester Hours: 12

Summary: Program in Accounting

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Philosophy (6, including PHIL 2410), Physical Education (1, activity course), Natural Science (3, ECON 2070), Social Science (3, ECON 2010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 43

- ACCT 1010 - Principles of Accounting

- ACCT 2010 - Intermediate Accounting I
- ACCT 2020 - Intermediate Accounting II
- ACCT 3010 - Advanced Accounting
- ACCT 3030 - Tax Accounting
- ACCT 3040 - Auditing
- ACCT 3070 - Cost Accounting
- ACCT 3090 - Governmental Accounting
- ACCT 4000 - Seminar
- ACCT 4040 - Advanced Tax Accounting
- ACCT 4999 - Senior Comprehensives
- ECON 2010 - Principles of Micro Economics
- ECON 2020 - Principles of Macro Economics
- ECON 2070 - Statistics I
- ECON 2080 - Statistics II
- FINC 3050 - Corporate Finance
- MATH 1030 - Pre-Calculus (1 of 4)
- MGMT 2060 - Principles of Management *
- SMKT 2050 - Principles of Marketing *

Minor: 18

- BSAD 2011 - Business Communications
- BSAD 2030 - Business Law
- BSAD 3055 - Quantitative Analysis
- BSAD 3195 - Computer-Based Information Systems
- BSAD 3200 - International Business
- BSAD 4000 - Strategic Management

Total Hours: 121

*Either MGMT 2060 or SMKT 2050 may be credited towards the Expansive Core requirement.

Business, B.S. (with concentration in Finance, Management, or Sales and Marketing)

Finance

Concentration Requirements

A minimum grade of "C" must be earned in FINC 3050.

- ACCT 2010 - Intermediate Accounting I
- ACCT 2020 - Intermediate Accounting II
- ECON 3010 - Monetary and Fiscal Policy
or

- FINC 3010 - Monetary and Fiscal Policy
- ECON 3080 - Public Finance
or
- FINC 3080 - Public Finance
- Approved Finance electives 12

Management

Concentration Requirements

A minimum grade of "C" must be earned in MGMT 2060.

- MGMT 3120 - Human Resource Management
- MGMT 3140 - Organizational Behavior
- MGMT 3160 - Project Management
- MGMT 3170 - Service Operations Management
- MGMT 3190 - Operations Management
- MGMT 4010S - Leadership Seminar
- Approved Management electives 6

Sales and Marketing

Concentration Requirements

A minimum grade of "C" must be earned in SMKT 2050.

- SMKT 3060 - Marketing Strategy
- SMKT 3350 - Marketing Research
- SMKT 3500 - Personal Selling
- SMKT 3530 - Sales Force Management
- SMKT 3700 - Multivariate Data Analysis
- SMKT 4000 - Sales and Marketing Seminar
- Approved Marketing electives 6

Common Freshman Program

Freshman Year

During the sophomore year divisional majors begin to study in one of two programs: Accounting or Business. Students with a Business major must select a concentration in Finance, Management, or Sales and Marketing.

First Semester

- ACCT 1010 - Principles of Accounting

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus
- Natural Science Essential Core 3

Semester Hours: 17

Second Semester

- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- Philosophy Essential Core 3
- Physical Education (activity course) Essential Core 1
- History Essential Core 3

Semester Hours: 17

Sophomore Year

First Semester

- ACCT 2050 - Managerial Accounting
- ECON 2010 - Principles of Micro Economics
- ECON 2070 - Statistics I
- MGMT 2060 - Principles of Management
- ENGL 2010 - Introduction to World Literature I

Semester Hours: 15

Second Semester

- BSAD 2011 - Business Communications
- ECON 2020 - Principles of Macro Economics
- ECON 2080 - Statistics II
- SMKT 2050 - Principles of Marketing
- Theology Essential Core 3

Semester Hours: 15

Junior Year

First Semester

- BSAD 2030 - Business Law
- BSAD 3055 - Quantitative Analysis
- BSAD 2200 - International Business
- Concentration Requirements 6

Semester Hours: 15

Second Semester

- BSAD 3195 - Computer-Based Information Systems
- FINC 3050 - Corporate Finance
- Concentration Requirements 6
- Expansive Core 3

Semester Hours: 15

Senior Year

First Semester

- Concentration Requirements 6
- African American and Diaspora Studies Essential Core 3
Fine Arts Essential Core 3
- PHIL 2410 - Business Ethics

Semester Hours: 15

Second Semester

- BSAD 4000 - Strategic Management
- BSAD 4999 - Senior Comprehensives
- Concentration Requirements 6
- Theology Essential Core 3

Semester Hours: 12

Summary: Program in Business

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Philosophy (6, including PHIL 2410), Physical Education (1, activity course), Natural Science (3, ECON 2070), Social Science (3, ECON 2010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 43

- ACCT 1010 - Principles of Accounting
- ACCT 2050 - Managerial Accounting
- BSAD 4999 - Senior Comprehensives
- Concentration 24
- ECON 2010 - Principles of Micro Economics
- ECON 2020 - Principles of Macro Economics
- ECON 2070 - Statistics I
- ECON 2080 - Statistics II
- FINC 3050 - Corporate Finance
- MATH 1030 - Pre-Calculus (1 of 4)
- MGMT 2060 - Principles of Management *
- SMKT 2050 - Principles of Marketing *

Minor: 18

- BSAD 2011 - Business Communications
- BSAD 2030 - Business Law
- BSAD 3055 - Quantitative Analysis
- BSAD 3195 - Computer-Based Information Systems
- BSAD 3200 - International Business
- BSAD 4000 - Strategic Management

Total Hours: 121

*Three (3) hours of Expansive Core credit may be fulfilled in the different concentrations as follows:

1. Finance Concentration: either MGMT 2060 or SMKT 2050.
2. Management Concentration: SMKT 2050.
3. Sales and Marketing Concentration: MGMT 2060.

Minor

Accounting Minor

Required Courses

The minor in accounting consists of the following 18 hours of coursework:

- ACCT 1010 - Principles of Accounting
- ACCT 2010 - Intermediate Accounting I
- ACCT 2020 - Intermediate Accounting II
- Accounting Electives* 9

Total Hours: 18

**The six hours of Accounting electives must be courses at the 3000 or 4000 level.*

Business Administration Minor

Required Courses

The minor in business administration consists of the following 18 hours of coursework:

- ACCT 1010 - Principles of Accounting
- MGMT 2060 - Principles of Management
- SMKT 2050 - Principles of Marketing

- ECON 2010 - Principles of Micro Economics
or
- ECON 2020 - Principles of Macro Economics

- Business Electives* 6

Total Hours: 18

**Business Electives must be selected from 3000- or 4000-level business courses with proper prerequisites or from ACCT 2010, ACCT 2020, or ACCT 2050.*

Entrepreneurship Minor

Required Courses

The minor in entrepreneurship is designed for any major on campus and consists of the following 18 hours of coursework:

- ENTR 1020 - Introduction to Entrepreneurship
- ACCT 1010 - Principles of Accounting
- MGMT 2060 - Principles of Management
- SMKT 2050 - Principles of Marketing
- ENTR 3021 - Financial Management for Entrepreneurs
- ENTR 3780 - Organization and Operation of a Small Business

Total Hours: 18

Financial Economics Minor

Required Courses

The minor in financial economics consists of the following 18 hours of coursework:

- ECON 2010 - Principles of Micro Economics
- ECON 2020 - Principles of Macro Economics

- ECON 3010 - Monetary and Fiscal Policy
or
- FINC 3010 - Monetary and Fiscal Policy

- FINC 3050 - Corporate Finance
- Electives[#] 6

Total Hours: 18

[#]Electives must be selected from 3000- or 4000-level finance or economics courses with proper prerequisites.

Sales and Marketing Minor

Required Courses

The minor in Sales and Marketing consists of the following 18 hours of coursework:

- ACCT 1010 - Principles of Accounting
- SMKT 2050 - Principles of Marketing
- SMKT 3090 - Customer Relationship Management
- SMKT 3500 - Personal Selling
- SMKT 3530 - Sales Force Management
- Sales and Marketing Elective* 3

Total Hours: 18

**The elective may be selected from any of the following courses: SMKT 3060 (Marketing Decisions), SMKT 3350 (Marketing Research), SMKT 3550 (Consumer Behavior), SMKT 3600 (Promotional Strategy).*

Division of Education and Counseling

Division of Education and Counseling

Library 503 - (504) 520-7536 - <http://www.xula.edu/education/index.html>

Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester.

Since 1925, when Xavier University of Louisiana was founded, it has accepted the sacred privilege and social responsibility of preparing well-qualified teachers for public and private elementary and secondary schools. The University continues to train future teachers who possess a deep sense of social and civic responsibility, who are liberally educated and who possess the philosophical principles, and the professional character essential to their vocation and career. The goal of the Division of Education and Counseling is the development of reflective professionals who are collaborative change agents toward a more just and humane society.

The Division of Education and Counseling infuses all curricula with understandings that recognize and develop the gifts and rich heritage each person brings to the respective program. The Division identifies six core values: spirituality, diversity, professionalism, inquiry, competence, and innovation. These constructs are interconnected with one another and to the goals of the Division.

Multiple assessments are used in the Division to monitor candidate performance and improve operations and programs. The unit systematically collects and analyzes data at specific checkpoints through a comprehensive web-based tool known as a Comprehensive Performance Assessment Support System. There are four portals used at critical points in the tenure of the candidate in the program, with each portal consisting of criteria that the candidate must fulfill successfully to exit through the checkpoint. Formative and summative evaluation data are reviewed at each checkpoint to determine the candidate's progress. This Comprehensive Performance Assessment Support System gives the Division opportunities to continuously examine the validity and utility of data produced through these assessments.

The Division of Education and Counseling received reaccreditation by the National Council for Accreditation of Teacher Education (NCATE) in April 2011. This signifies that the graduates have been prepared according to accepted national standards of excellence and that the programs meet high standards in areas including program design, delivery, and quality of faculty. Xavier was the first private college in Louisiana to receive this prestigious rating. NCATE is now known as the Council for the Accreditation of Educator Preparation (CAEP). Additionally, the Counseling program was accredited by the Council for Accreditation of Counseling and Related Education Programs (CaCREP) in 2015. The program was reviewed against high professional standards that assures the quality of its accountability system, its faculty, and its graduates.

Curricula and Educational Outcomes - The Division of Education and Counseling offers the Bachelor of Arts and Bachelor of Science degrees leading to Louisiana teacher certification in grade levels 1-5 (elementary), and 4-8 (middle school), as well as, in the secondary areas of Art, Biology, Chemistry, English/English Education, Foreign Language (French and Spanish), Social Sciences (Social Studies), Mathematics, and Music.

The requirements of the Education programs consist of courses in general education, knowledge of the learner and the learning environment, methodology in teaching, and student teaching. Monitored and sequenced field experiences provide opportunities for the candidate to apply the theoretical framework in various classroom settings.

The program in Elementary Education (grades 1-5) prepares teacher candidates to understand and meet the needs of elementary students. Courses such as methods of teaching elementary school, classroom management, and child psychology are designed to prepare teacher candidates to be competent professionals who possess the professional and technical knowledge and skills to assess, plan, develop, implement and evaluate an elementary curriculum that promotes student learning.

The program in Middle School Education (grades 4-8) prepares teacher candidates to understand and meet the needs of the young adolescent. Candidates will specialize in mathematics or science. Courses such as adolescent psychology and middle school

teaching strategies are designed to prepare these teacher candidates to become competent professionals who can guide and facilitate classroom interactions to meet the learning needs of this diverse population of students.

The programs in secondary education prepare teacher education candidates to understand and meet the needs of students in grades 6-12. Candidates gain specific content knowledge and teaching pedagogy to become competent professionals who can guide and facilitate secondary classroom interactions to meet the learning needs of a diverse population of students.

Students who transfer from other departments within the university must have a minimum cumulative GPA of 2.5 and must have a grade of "C" or better in each course.

Standards and Procedures for Admission to and Retention in the Teacher Education Program - Candidates majoring in education must complete all of the requirements in the following areas.

Portal I - Admission to the University

See the Admission section for information about admission to the University.

Portal II - Criteria for Admission to the Teacher Education Program (TEP)

Eligibility Requirements for Admission into the TEP are:

1. Achievement of at least a 2.5 cumulative average in all coursework;
2. Achievement of at least a "C" grade in coursework within the approved undergraduate program, with the exception of the general education requirements required by the university and the state for certification;
3. Completion of all required developmental work;
4. Achievement of passing scores on all parts of Praxis I (Note that students with a composite of 22 on the ACT and 1030 on the SAT are exempt from Praxis I.);
5. Membership in a professional organization specific to education (e.g., LAE/SP, LAHPERD, CEC/SP);
6. Completion of a Background Check;
7. Achievement of a satisfactory rating on an interview with the Teacher Education Admissions Committee; and
8. Satisfactory review of an electronic professional development portfolio.

Students who are not initially admitted to the TEP may reapply for admission the next semester. However, applications from students who have been denied admission to the program twice will not be accepted. Students who do not get admitted into the TEP may not take junior- and senior-level education courses according to Louisiana's legal regulations for education majors.

Students are eligible to continue their programs provided they meet the following strictly enforced criteria:

1. Maintain a minimum 2.5 cumulative average for all coursework;
2. Receive grades of "C" or above in coursework within the approved undergraduate program, with the exception of the general education requirements required by the university and the state for teacher certification;
3. Remain in good standing and not be placed on academic probation for two consecutive terms; and
4. Maintain membership in at least one professional organization.

Portal III - Student Teaching--Standards and Admission Procedures

The eligibility requirements for Student Teaching are:

1. Formal acceptance into the Teacher Education Program;
2. Receive grades of "C" and above in all coursework within the approved undergraduate program, with the exception of the general education requirements required by the university and the state for teacher certification;
3. Complete a minimum of all required courses in the prescribed program of study (senior standing) with a cumulative average of 2.5 in all course work and 2.5 in courses in the major teaching field and professional education;
4. Achievement of passing scores on appropriate Praxis II (content) and must have taken the PLT (grade level) exam;
5. Maintain membership in at least one professional organization; and
6. Complete an electronic professional development portfolio.

Registration for Student Teaching

The applicant should file an application with the Coordinator of Student Teaching after securing proper clearance from his or her

departmental advisor(s) and the Registrar's Office. The deadline for submission of this application is the pre-registration period one full semester prior to the semester in which the student plans to do student teaching.

Portal IV - Teacher Education Graduation

In order to graduate as a teacher education major and to obtain teacher certification, each candidate must:

1. Achieve a 2.5 cumulative average for all coursework taken;
2. Earn all grades of "C" in coursework within the approved undergraduate program, with the exception of the general education requirements required by the university and the state for teacher certification;
3. Achieve a passing score on the PLT (grade level) exam;
4. Maintain membership in at least one professional organization;
5. Complete an electronic professional development portfolio; and
6. Complete the application for certification.

Teaching Certificates - Application for a Louisiana teaching certificate is made in the Division of Education and Counseling Office.

Graduate Programs

[Click here for more information on Graduate Programs](#)

Add-On Certificate

Educational Technology Facilitator Add-On

Candidates must have a valid teaching certificate at the bachelor's level and complete the following nine credit hours of coursework:

Required Courses

- EDCG 5500 - Instructional Technology
- EDCG 5600 - Advanced Instructional Technology
- EDCG 5700 - Technology Leadership in Schools

Reading Specialist Add-On

Candidates must have a valid teaching certificate at the master's degree level and complete the following twelve credit hours of coursework:

Required Courses

- EDCI 5130 - Foundations of Reading Instruction
- EDCI 5140 - Teaching Reading in the Content Area
- EDCI 5170 - Diagnostic/Prescriptive Reading Instruction
- EDCI 5200 - Practicum in Reading

Teacher Leader Add-On

Candidates must have a valid teaching certificate at the bachelor's level and complete the following eight credit hours of coursework:

Required Courses

- EDLD 5000 - Visionary Leadership
- EDLD 5000I - Visionary Leadership Internship
- EDLD 5015 - Collaborative Leadership
- EDLD 5015I - Collaborative Leadership Internship

Graduate Degree

All Levels Grades K-12, M.A.T.

(Art, Dance, Chinese, French, Spanish, Health & Physical Education, Music-Instrumental and Vocal)

Required Courses

Knowledge of the learner and the Learning Environment

- EDCI 5040 - The Exceptional Child
- EDCG 5090 - Advanced Educational Psychology
- EDCI 5042 - Classroom Organization and Management
- EDCI 5130 - Foundations of Reading Instruction
- EDCI 5282 - Survey of Assessment

Methodology and Teaching

- EDCG 5500 - Instructional Technology
- EDCI 5140 - Teaching Reading in the Content Area
- EDCI 5060 - Multicultural Education
- EDCI 5340 - Elementary School Curriculum
- EDCI 5380 - Secondary School Curriculum Trends

Teaching and Internship

- EDST 5372A - Internship in Student Teaching (Full Year)
- EDST 5372B - Internship in Student Teaching (Full Year)
- or
- EDUC 5380 - Student Teaching (One Semester)
- EDCI 5999 - Comprehensive Examination in Curriculum and Instruction PRAXIS PLT

Total Hours: 36

Counseling, M.A.

The Counseling Program offers two specialty areas: school counseling and clinical mental health counseling. Both specializations meet the academic requirements of the Louisiana Professional Counselors Board of Examiners leading to licensure as a Licensed Professional Counselor (LPC). The school counseling specialization meets the State of Louisiana Administrative Code Section 405 requirements for a three-year school counselor K-12 ancillary certificate; upon verification of three years of successful experience as a school counselor, this certificate becomes valid for life of continuous service.

Required Courses

Area A/Core I

- COUN 5000 - Research Methodology & Program Evaluation
- COUN 5005 - Foundations & Ethics of the Counseling Profession
- COUN 5010 - Counseling Theories
- COUN 5015 - Counseling Techniques
- COUN 5020 - Lifestyle and Career Development
- COUN 5025 - Human Growth and Development

Area B/Core II and Specialization

- COUN 5100 - Group Work in Counseling
- COUN 5105 - Appraisal & Assessment in Counseling
- COUN 5110 - Psychopathology and Diagnosis
- COUN 5115 - Family and Systems Counseling
- COUN 5120 - Crisis, Trauma, Grief and Loss Counseling
- COUN 5125 - Social & Cultural Diversity in Counseling
- COUN 5130 - Behavior Disorders of Children and Adolescents

School Counseling Specialization

- COUN 5300 - School Counseling: Principles & Administration

Clinical Mental Health Counseling Specialization

- COUN 5310 - Clinical Mental Health Counseling: Principles & Practices
- COUN 5515 - Advanced Counseling Techniques

Electives

- See elective course offerings that follow 6

Area C/Professional Clinical Experience

- COUN 5400 - School Counseling Practicum
- COUN 5410 - Clinical Mental Health Counseling Practicum
- COUN 5500 - School Counseling Internship I
- COUN 5510 - Clinical Mental Health Counseling Internship I
- COUN 5600 - School Counseling Internship II
- COUN 5610 - Clinical Mental Health Counseling Internship II
- COUN 5999S - School Counseling Comprehensive Examination
- COUN 5999M - Clinical Mental Health Counseling Comprehensive Examination

Total Semester Hours Required: 60

Elective Course Offerings

- COUN 5030 - Substance Abuse and Addictions Counseling
- COUN 5035 - Clinical Perspectives in Human Sexuality
- COUN 5040 - Spirituality in Counseling
- COUN 5135 - Introduction to Play Therapy
- COUN 5140 - Advanced Play Therapy
- COUN 5200 - Special Topics in Counseling
- COUN 5320 - Marriage, Couple & Family Counseling: Principles & Practices
- COUN 5325 - Couples & Relationships Counseling
- COUN 5700 - Thesis in Counseling

Curriculum and Instruction - Reading Specialist, M.A.

This advanced level program is designed to prepare the highly qualified, certified classroom teacher with the skills necessary to effectively teach reading in grades K-12. This program meets current Louisiana state requirements for coursework leading to add-on certification as a Reading Specialist.

Required Courses

- EDCG 5000 - Statistics
 - EDCG 5083 - Special Problems in Research
 - EDCG 5010 - Research Methodology
 - GENG 5160 - Writing Across the Curriculum
 - EDCI 5130 - Foundations of Reading Instruction
 - EDCI 5810 - Special Topics in Literacy Education
 - EDCI 5170 - Diagnostic/Prescriptive Reading Instruction
 - EDCI 5200 - Practicum in Reading
 - EDCI 5210 - Clinical Practicum in Reading
 - EDCI 5820 - Advanced Seminar in Children's Literature
 - EDCG 5775 - School-Age Language Learning Problems
 - EDCI 5140 - Teaching Reading in the Content Area
 - EDCI 5700 - Thesis Writing
- or

- EDCI 5999 - Comprehensive Examination in Curriculum and Instruction

Total Hours: 36-39

Note:

Students must register for comprehensive examinations at the beginning of the semester in which they expect to complete their program of study.

Curriculum and Instruction Special Interest - Non Certification, M.A.

This program is designed to prepare candidates to work in schools and other educational settings concentrating on technology, teacher leader, or curriculum development. Teachers who are already certified may qualify for an add on endorsement in instructional technology or teacher leader upon completion of the specific M.A. program of study.

Required Courses

- EDCG 5000 - Statistics
- EDCG 5010 - Research Methodology
- EDCG 5090 - Advanced Educational Psychology

- EDCI 5340 - Elementary School Curriculum
or
- EDCI 5380 - Secondary School Curriculum Trends

- EDCI 5060 - Multicultural Education
- EDCI 5140 - Teaching Reading in the Content Area
- EDCI 5040 - The Exceptional Child
- EDCI 5999 - Comprehensive Examination in Curriculum and Instruction
- Elective courses (require advisor approval) 12

Total Hours: 36

Note:

Students must register for comprehensive examinations at the beginning of the semester in which they expect to complete their program of study.

Curriculum and Instruction Special Interest - Teacher Leader - Non Certification, M.A.

This program is designed to prepare candidates to work in schools and other educational settings concentrating on technology, teacher leader, or curriculum development. Teachers who are already certified may qualify for an add on endorsement in instructional technology or teacher leader upon completion of the specific M.A. program of study.

Required Courses

- EDLD 5015 - Collaborative Leadership
- EDLD 5015I - Collaborative Leadership Internship
- EDLD 5000 - Visionary Leadership
- EDLD 5000I - Visionary Leadership Internship
- EDCG 5000 - Statistics
- EDCG 5010 - Research Methodology
- EDCG 5090 - Advanced Educational Psychology

- EDCI 5340 - Elementary School Curriculum
or
- EDCI 5380 - Secondary School Curriculum Trends

- EDCI 5060 - Multicultural Education
- EDCI 5140 - Teaching Reading in the Content Area
- EDCI 5040 - The Exceptional Child
- EDCI 5999 - Comprehensive Examination in Curriculum and Instruction
- Elective courses (require advisor approval) 6

Total Hours: 35

Note:

Students must register for comprehensive examinations at the beginning of the semester in which they expect to complete their program of study.

Educational Leadership, Ed.D.

The terminal degree in educational leadership is designed to prepare visionary leaders who are socially just, promote reflection, and foster transformation in an ever changing profession. This action-oriented program focuses on leadership values that include social justice and inclusion of all organization's stakeholders.

Required Courses

60 hours - Three Years - Cohort Program

Fall First Year

- EDLD 6000 - Advanced Visionary Leadership
- EDLD 6002 - Current Problems & Issues in Educational Leadership
- EDLD 6008 - Leadership Theory and Behavior

Spring First Year

- EDLD 6010 - Long Range Planning and Data Analysis

- EDLD 6030 - Leading a Professional Learning Community
- EDCG 6018 - Special Problems in Research in Educational Leadership

Summer First Year

- EDLD 6012 - Advanced Educational Law
- EDCG 6000 - Advances Statistical Methods

Fall Second Year

- EDLD 6020 - Management
- EDLD 6050 - Organizational Behavior and Human Resource Management
- EDCG 6010 - Quantitative Research Methods

Spring Second Year

- EDLD 6040 - The Urban School: Leading to Promote Learning in a Diverse Setting
- EDLD 6060 - Current Issues in Special Education Leadership
- EDCG 6012 - Qualitative Research Methods

Summer Second Year

- EDLD 6014 - Education in the Urban Community
- EDCG 6014 - Multivariate Statistics
- EDLD 6999O - Oral Qualifying Exam
- EDLD 6999W - Written Qualifying Exam

Fall Third Year

- EDLD 6993 - Dissertation

Spring Third Year

- EDLD 6993 - Dissertation

Total Credit Hours: 60

Note: If additional time is needed to complete the dissertation, candidates can enroll in the following courses after the third year: EDLD 6991 and EDLD 6992.

Educational Leadership, M.A.

This advanced level program provides kindergarten to grade 12 perspectives of educational issues that impact teaching and learning. It is designed to prepare educators to be leaders as teachers, principals, and central office administrators. The program meets current Louisiana state requirements for the required coursework for an advanced degree and state Educational Leadership

certification or an advanced degree, only. To complete the certification process the applicant must pass the state licensure examination, hold a valid Type A teacher certificate and have evidence of three successful years of teaching.

Required Courses

- EDLD 5000 - Visionary Leadership
- EDLD 5000I - Visionary Leadership Internship
- EDCG 5000 - Statistics
- EDLD 5015 - Collaborative Leadership
- EDLD 5015I - Collaborative Leadership Internship
- EDLD 5570 - Management of School Personnel and Finance
- EDLD 5570I - Management of School Personnel and Finance Internship
- EDLD 5540 - Educational Law
- EDLD 5540I - Educational Law Internship
- EDLD 5060 - Curriculum Progression
- EDLD 5060I - Curriculum Progression Internship
- EDLD 5020 - Supervision of Instruction and Assessment
- EDLD 5020I - Supervision of Instruction and Assessment Internship
- EDCG 5010 - Research Methodology
- EDLD 5040 - Organizational Leadership
- EDLD 5040I - Organizational Leadership Internship
- EDLD 5580 - Capstone Seminar for Educational Leaders
- EDLD 5999 - Comprehensive Examination in Educational Leadership

Total Hours: 36

* Students must register for comprehensive examinations at the beginning of the semester in which they expect to complete their program of study.

Elementary Education (Grades 1-5), M.A.T.

(INITIAL CERTIFICATION)

Required Courses

Knowledge of the learner and the Learning Environment

- EDCI 5340 - Elementary School Curriculum
- EDCI 5040 - The Exceptional Child
- EDCI 5042 - Classroom Organization and Management
- EDCG 5090 - Advanced Educational Psychology
- EDCI 5282 - Survey of Assessment

Methodology and Teaching

- EDCG 5500 - Instructional Technology

- EDCI 5060 - Multicultural Education
- EDCI 5130 - Foundations of Reading Instruction
- EDCI 5170 - Diagnostic/Prescriptive Reading Instruction
- EDCI 5200 - Practicum in Reading

Teaching and Internship

- EDST 5372A - Internship in Student Teaching (Full Year)
- EDST 5372B - Internship in Student Teaching (Full Year)
- or
- EDUC 5380 - Student Teaching (One Semester)
- EDCI 5999 - Comprehensive Examination in Curriculum and Instruction PRAXIS PLT

Total Hours: 36

Elementary/Special Education (Grades 1-5), M.A.T.

Required Courses

- EDCI 5040 - The Exceptional Child
- EDCG 5090 - Advanced Educational Psychology
- EDCI 5340 - Elementary School Curriculum
- EDCI 5130 - Foundations of Reading Instruction
- EDCI 5140 - Teaching Reading in the Content Area
- EDCI 5200 - Practicum in Reading
- EDCI 5055 - Vocational and Transition Services
- EDCI 5900P - Methods of Teaching Students with Learning Disabilities
- EDCI 5910P - Behavioral Approach to Managing the Mild/Moderate
- EDCI 5282 - Survey of Assessment

- EDST 5372A - Internship in Student Teaching
- EDST 5372B - Internship in Student Teaching
- or
- EDUC 5380 - Student Teaching
- EDCI 5999 - Comprehensive Examination in Curriculum and Instruction (Praxis PLT & Special Ed.)

Total Hours: 36

Middle School/Special Education (Grades 4-8), M.A.T.

(English, Mathematics, Science, Social Studies)

Required Courses

- EDCI 5040 - The Exceptional Child

- EDCG 5090 - Advanced Educational Psychology
- EDCI 5380 - Secondary School Curriculum Trends
- EDCI 5130 - Foundations of Reading Instruction
- EDCI 5140 - Teaching Reading in the Content Area
- EDCI 5055 - Vocational and Transition Services
- EDCI 5900P - Methods of Teaching Students with Learning Disabilities
- EDCI 5910P - Behavioral Approach to Managing the Mild/Moderate
- EDCI 5282 - Survey of Assessment

- EDST 5372A - Internship in Student Teaching
- EDST 5372B - Internship in Student Teaching
- or
- EDUC 5380 - Student Teaching
- EDCI 5999 - Comprehensive Examination in Curriculum and Instruction (Praxis PLT & Special Ed.)

Total Hours: 36

Secondary Education (Grades 6-12), M.A.T.

(English, Mathematics, Biology, Chemistry, Physics, French, Spanish, Business Education, Social Studies)

Required Courses

Knowledge of the learner and the Learning Environment

- EDCI 5040 - The Exceptional Child
- EDCG 5090 - Advanced Educational Psychology
- EDCI 5042 - Classroom Organization and Management
- EDCI 5910P - Behavioral Approach to Managing the Mild/Moderate
- EDCI 5282 - Survey of Assessment

Methodology and Teaching

- EDCG 5500 - Instructional Technology
- EDCI 5140 - Teaching Reading in the Content Area
- EDCI 5060 - Multicultural Education
- EDCI 5380 - Secondary School Curriculum Trends
- EDCI 5130 - Foundations of Reading Instruction

Teaching and Internship

- EDST 5372A - Internship in Student Teaching (Full Year)
- EDST 5372B - Internship in Student Teaching (Full Year)
- or
- EDUC 5380 - Student Teaching (One Semester)
- EDCI 5999 - Comprehensive Examination in Curriculum and Instruction PRAXIS PLT

Total Hours: 36

Secondary/Special Education (Grades 6-12), M.A.T.

(English, Mathematics, Biology, Chemistry, Physics, Social Studies, French, Spanish)

Required Courses

- EDCI 5040 - The Exceptional Child
- EDCG 5090 - Advanced Educational Psychology
- EDCI 5380 - Secondary School Curriculum Trends
- EDCI 5130 - Foundations of Reading Instruction
- EDCI 5140 - Teaching Reading in the Content Area
- EDCI 5200 - Practicum in Reading
- EDCI 5055 - Vocational and Transition Services
- EDCI 5900P - Methods of Teaching Students with Learning Disabilities
- EDCI 5910P - Behavioral Approach to Managing the Mild/Moderate
- EDCI 5282 - Survey of Assessment

- EDST 5372A - Internship in Student Teaching
- EDST 5372B - Internship in Student Teaching
- or
- EDUC 5380 - Student Teaching
- EDCI 5999 - Comprehensive Examination in Curriculum and Instruction (Praxis PLT & Special Ed.)

Total Hours: 36

Major

Art Education, B.A.

Art Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- ART 1010 - Design Ia
- ART 1030 - Drawing 1 Beginning Drawing
- ART 1090 - Art Appreciation

- ENGL 1000 - Intensive English Composition and Rhetoric

or

- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- ART 1020 - Design Ib
- ART 1040 - Drawing 2 Intermediate Drawing
- Communication Studies Communication 3
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I

Semester Hours: 16

Sophomore Year

First Semester

- ART 1050 - Introduction to Ceramics
- ART 2020 - Introduction to Graphic Design
- EDUC 2025 - Child Psychology
- EDUC 2044 - Methods of Classroom Organization and Management
- ENGL 2010 - Introduction to World Literature I
- Foreign Language Fundamental Core 3

Semester Hours: 18

Second Semester

- ART 1060 - Introduction to Painting
- ART 2080 - Introduction to Printmaking
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2200 - Multicultural Education
- BIOL 1030 - General Biology (Non-science majors)
- BIOL 1030L - General Biology Lab (Non-science majors)
- Foreign Language Fundamental Core 3

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- ART 2110 - History of Art Ia
- EDSC 3023 - Special Methods
- EDUC 3040 - Educational Psychology
- History Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 15

Second Semester

- ART 2120 - History of Art Ib
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- ART 2070 - Introduction to Sculpture
- ART 4140 - Art of the African Diaspora
- BIOL, CHEM, IPSC, or PHYS Expansive Core (recommended) 3
- PHIL 3250 - Philosophy of Science
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- ART 3200 - Art Trends and Policy
- ART 4999 - Senior Comprehensives

- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 15

Summary: Program in Art Education

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, ART 1090), History (3), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity-based), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 39 **

- ART 1010 - Design Ia
- ART 1020 - Design Ib
- ART 1030 - Drawing 1 Beginning Drawing
- ART 1040 - Drawing 2 Intermediate Drawing
- ART 1050 - Introduction to Ceramics
- ART 1060 - Introduction to Painting
- ART 2020 - Introduction to Graphic Design
- ART 2070 - Introduction to Sculpture
- ART 2080 - Introduction to Printmaking
- ART 2110 - History of Art Ia
- ART 2120 - History of Art Ib
- ART 3200 - Art Trends and Policy
- ART 4140 - Art of the African Diaspora
- ART 4999 - Senior Comprehensives

Education: 30

- EDSC 3023 (3)
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep

- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2025 - Child Psychology
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

Total Hours: 129

* Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

Biology Education (Grades 6-12) (Certification - Biology), B.S.

Biology Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- EDUC 1000 - Teacher Prep ***

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Languages Fundamental Core 3
- FRSM 1000 - Freshman Seminar I

Semester Hours: 15

Second Semester

- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Languages Fundamental Core 3
- FRSM 1100 - Freshman Seminar II

Semester Hours: 18

Sophomore Year

First Semester

- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- EDUC 2044 - Methods of Classroom Organization and Management
- ENGL 2010 - Introduction to World Literature I
- Fine Arts Essential Core 3
- MATH 1030 - Pre-Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Second Semester

- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education
- MATH 1020 - Basic Statistics I
- Philosophy Essential Core 3

Semester Hours: 16

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level Education and Psychology courses.

First Semester

- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- EDUC 3040 - Educational Psychology
- Expansive Core 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 16

Second Semester

- BIOL Elective Biology 4
- BIOL 4210 - Introduction to Scientific Literature
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- African American and Diaspora Studies Essential Core 3
- History Essential Core 3
- Theology Essential Core 3

Semester Hours: 17

Senior Year

First Semester

- BIOL 4550 - Advanced Readings in Biology
- Biology Electives Biology 5
- EDSC 3023 - Special Methods 3
- Expansive Core (IPSC or PHYS recommended *) Expansive Core 3

Semester Hours: 14

Second Semester

- EDSC 3023B - Methods of Teaching Biology
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 15

Summary: B.S. Program in Biology Education (Grades 6-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1020), Natural Science (3 of 4, BIOL 1230/BIOL 1230L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1010), Philosophy (6), Physical Education (1, activity-based), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one IPSC or PHYS Expansive Core course (3) (recommended) *

Major: 30 **

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
(1 of 4) for BIOL 1230/BIOL1230L
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- BIOL 2000 - Biodiversity
- BIOL 2000L - Biodiversity Lab
- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- BIOL 4210 - Introduction to Scientific Literature
- BIOL 4550 - Advanced Readings in Biology
- BIOL Electives 9

Education: 30

- EDSC 3023
- EDSC 3023B - Methods of Teaching Biology
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology

- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

Other Required Courses: 9 **

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
(1 of 4) for CHEM 1010/1010D/1011L
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- MATH 1030 - Pre-Calculus

Total Hours: 129

*Teacher certification standards require 3 hours in IPSC or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Chemistry Education (Grades 6-12) (Certification - Chemistry), B.S.

Chemistry Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- History 3
- MATH 1030 - Pre-Calculus

Semester Hours: 15

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- EDUC 1000 - Teacher Prep ***
- Communication Studies 3
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus

Semester Hours: 18

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- EDUC 2044 - Methods of Classroom Organization and Management
- Philosophy Essential Core 3
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I

Semester Hours: 14

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education

- PHYS 2020 - General Physics II
or
- PHYS 2020L - General Physics II

- Theology Essential Core 3

Semester Hours: 17

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level Education and Psychology courses.

First Semester

- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- EDUC 3040 - Educational Psychology
- ENGL 2010 - Introduction to World Literature I
- Foreign Languages World Languages 3
- Philosophy Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3130 - Introduction to Biochemistry
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Foreign Languages World Languages 3
- Theology Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- CHEM 4073 - Chemistry Literature Research ¹
- CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory (capstone)
- CHEM 4999 - Senior Comprehensives
- EDSC 3023 - Special Methods
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- BIOL or IPSC Expansive Core (recommended) 3 *

Semester Hours: 17

Second Semester

- CHEM 4999 - Senior Comprehensives
- EDSC 3023C - Methods of Teaching Chemistry
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 15

¹ CHEM 4083, Undergraduate Research may be substituted with permission of the course instructor.

Summary: Program in Chemistry Education (Grades 6-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, CHEM 1010/CHEM 1010D/CHEM 1011L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1020/CHEM 1020D/CHEM 1021L), Philosophy (6), Physical Education (1, activity-based), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL or IPSC Expansive Core course (3) (recommended) *

Major: 25 **

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
(1 of 4) for CHEM 1010/1010D/1011L
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
(1 of 4) for CHEM 1020/1020D/1021L
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3130 - Introduction to Biochemistry
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory

- CHEM 4073 - Chemistry Literature Research
or
- CHEM 4083 - Undergraduate Research
- CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory
- CHEM 4999 (0)

Education: 30

- EDSC 3023C - Methods of Teaching Chemistry
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar

Other Required Courses: 13 **

- MATH 1030 - Pre-Calculus (1 of 4)
- MATH 1070 - Introductory Calculus
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Total Hours: 128

*Teacher certification standards require 3 hours in BIOL or IPSC, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

Elementary Education (Grades 1-5), B.A.

Freshman Year

First Semester

- EDUC 1000 - Teacher Prep ***
- BIOL 1030 - General Biology (Non-science majors)
- BIOL 1030L - General Biology Lab (Non-science majors)
- Communication Studies Essential Core 3

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I

- HIST 1030 - World Civilizations to 1500
or
- HIST 1040 - World Civilizations Since 1500

- MATH 1010 - Principles of Modern Mathematics
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- ENGL 1020 - English Composition and Literature
- GEOG 1010 - World Geography
- FRSM 1100 - Freshman Seminar II
- IPSC 2010 - Integrated Physical Science
- MATH 1015 - College Algebra for Elementary Education Majors
- PSCI 1020 - American Government

Semester Hours: 17

Sophomore Year

First Semester

- EDUC 2025 - Child Psychology
- EDUC 2044 - Methods of Classroom Organization and Management
- African American and Diaspora Studies Essential Core 3
- ENGL 2010 - Introduction to World Literature I
- Foreign Language Fundamental Core 3
- MATH 2015 - Geometry for Elementary Education Majors

Semester Hours: 18

Second Semester

- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2030 - Children's Literature
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education

- ART 2090 - Art Essentials for Teachers
or
- MUME 2013 - Elementary Classroom Music

- Foreign Language Fundamental Core 3
- MATH 2025 - Finite Mathematics for Elementary Education Majors

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- EDEL 3020 - Methods of Tchg. Elem. School
- EDEL 3050A - Methods and Materials in the Teaching of Reading
- EDUC 3040 - Educational Psychology
- EDUC 3060A - Strategies and Techniques in Elementary School Mathematics
- PHED 2015 - Elementary School Physical Education
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- EDEL 3050B - Methods and Materials in the Teaching of Reading
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3060B - Strategies and Techniques in Elementary School Mathematics
- EDUC 4005S - Praxis Specialty Area
- Expansive Core 3
- HIST 3040 - History of Louisiana
- IPSC 2020 - Earth Science
- Philosophy Essential Core 3

Semester Hours: 18

Senior Year

First Semester

- EDEL 3071 - Curriculum Applications I
- EDUC 4030 - Educational Measurement and Evaluation
- ENGL Expansive Core (recommended) Expansive Core 3
- IPSC 4010 - Advanced Earth Science
- PHIL 3250 - Philosophy of Science
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- EDEL 3081 - Curriculum Applications II
- EDUC 4060A - Student Teaching (Elementary Education Majors)
- EDUC 4060S - Student Teaching Seminar
- EDUC 4113R - Clinical Procedures in Remedial Reading in the Elementary School
- EDUC 4999 - Senior Comprehensives

Semester Hours: 15

Summary: Program in Elementary Education (Grades 1-5)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, ART 2090 or MUME 2013), History (3, HIST 1030 or HIST 1040), Natural Science (3, MATH 1015), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3, PSCI 1020), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one ENGL Expansive Core course (3) (recommended)*

Major: 54

- EDEL 3020 - Methods of Teaching Elementary School
- EDEL 3050A - Methods and Materials in the Teaching of Reading
- EDEL 3050B - Methods and Materials in the Teaching of Reading
- EDEL 3071 - Curriculum Applications I
- EDEL 3081 - Curriculum Applications II

- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2025 - Child Psychology
- EDUC 2030 - Children's Literature
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 3060A - Strategies and Techniques in Elementary School Mathematics
- EDUC 3060B - Strategies and Techniques in Elementary School Mathematics
- EDUC 4005S - Praxis Specialty Area
- EDUC 4030 - Educational Measurement and Evaluation
- EDUC 4060A - Student Teaching (Elementary Education Majors)
- EDUC 4060S - Student Teaching Seminar
- EDUC 4113R - Clinical Procedures in Remedial Reading in the Elementary School
- EDUC 4999 - Senior Comprehensives

Other Required Courses: 25 **

- GEOG 1010 - World Geography
- HIST 3040 - History of Louisiana
- IPSC 2010 - Integrated Physical Science
- IPSC 2020 - Earth Science
- IPSC 4010 - Advanced Earth Science
- MATH 2015 - Geometry for Elementary Education Majors
- MATH 2025 - Finite Mathematics for Elementary Education Majors
- PHED 2015 - Elementary School Physical Education

Total Hours: 139

*Teacher certification standards require 3 hours in ENGL in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

English/English Education (Grades 6-12), B.A.

English/English Education offers a Bachelor of Arts degree in two programs: a full English major degree in preparation for graduate school in English and the humanities and an Education degree leading to certification to teach English Education grades 6-12. English/English Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- EDUC 1000 - Teacher Prep
- BIOL 1030 - General Biology (Non-science majors)
- BIOL 1030L - General Biology Lab (Non-science majors)
- Communication Studies Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- History Essential Core 3
- MATH 1020 - Basic Statistics I

Semester Hours: 16

Sophomore Year

First Semester

- ENGL 2010 - Introduction to World Literature I
- ENGL 2070 - Survey of British Literature I
- ENGL 2200 - Modern English Grammars
- EDUC 2044 - Methods of Classroom Organization and Management
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- ENGL 2080 - Survey of British Literature II
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education
- African American and Diaspora Studies Essential Core 3
- Social Science Essential Core 3

Semester Hours: 15

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- ENGL 3040 - Shakespeare at the Globe
or
- ENGL 3050 - Shakespeare in Adaptation
- ENGL 3160 - Survey of American Literature I
- ENGL 3310 - Rhetoric, Composition, and the Teaching of Writing
- ENGL Electives English 3 *
- EDUC 3040 - Educational Psychology
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- ENGL 3170 - Survey of American Literature II
- ENGL 3320 - Critical Approaches to Teaching Literature
- ENGL Electives English 3 *
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Expansive Core 3

Semester Hours: 15

*Six total hours must be chosen from two of the following groups: (1) ENGL 3185, ENGL 3280, ENGL 3290; (2) ENGL 3010, ENGL 3021, ENGL 3070; (3) ENGL 3210, ENGL 3221, ENGL 3270.

Senior Year

First Semester

- ENGL 4010S - British Literature Seminar
or
- ENGL 4020S - American Literature Seminar
or
- ENGL 4030S - Poetry Seminar
or
- ENGL 4040S - Drama Seminar
or
- ENGL 4050S - Comparative Literature Seminar
or
- ENGL 4060S - African American and African Diaspora Literature Seminar

- ENGL Elective English 3
- BIOL, CHEM, IPSC, or PHYS Expansive Core (recommended) 3
- PHIL 3250 - Philosophy of Science Essential Core
- Natural Science Essential Core 3

Semester Hours: 15

Second Semester

- ENGL 4999 - Senior Comprehensives
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 12

Summary: Program in English/English Education (Grades 6-12)

Fundamental Core: 21

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6), MATH 1020

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 36 **

- ENGL 2070 - Survey of British Literature I
- ENGL 2080 - Survey of British Literature II
- ENGL 2200 - Modern English Grammars

- ENGL 3040 - Shakespeare at the Globe
or
- ENGL 3050 - Shakespeare in Adaptation

- ENGL 3160 - Survey of American Literature I
- ENGL 3170 - Survey of American Literature II
- ENGL 3310 - Rhetoric, Composition, and the Teaching of Writing
- ENGL 3320 - Critical Approaches to Teaching Literature
- (6 total hours from 2 of the following groups)
- ENGL elective (3)
- ENGL 4000-level seminars (3)
- ENGL 4999 - Senior Comprehensives

Choose among the following groups

Group 1

- ENGL 3185 - Special Topics in African American Literature
or
- ENGL 3280 - Survey of African American Writers of the Eighteenth and Nineteenth Centuries
or
- ENGL 3290 - Survey of African American Writers of the Twentieth and Twenty-first Centuries

Group 2

- ENGL 3010 - Medieval Literature
or
- ENGL 3021 - Early Modern Literature
or
- ENGL 3070 - Restoration and Eighteenth Century Literature

Group 3

- ENGL 3210 - Romantic Literature
or
- ENGL 3221 - Victorian and Early Twentieth-Century Literature
or
- ENGL 3270 - British Literature of the Twentieth and Twenty-First Centuries

Education: 21

- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

Total Hours: 126

*Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Foreign Language Education (Grades K-12) (French or Spanish Education), B.A.

French or Spanish Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- FREN 1010 - Elementary French
or
- FREN 1020 - Elementary French
or
- FREN 2010 - Intermediate French

- SPAN 1010 - Elementary Spanish
or
- SPAN 1020 - Elementary Spanish
or
- SPAN 2010 - Intermediate Spanish

- EDUC 1000 - Teacher Prep ***

- BIOL 1030 - General Biology (Non-science majors)
- BIOL 1030L - General Biology Lab (Non-science majors)
- Communication Studies Essential Core 3
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- FREN 1020 - Elementary French
or
- FREN 2010 - Intermediate French
or
- FREN 2020 - Intermediate French
- SPAN 1020 - Elementary Spanish
or
- SPAN 2010 - Intermediate Spanish
or
- SPAN 2020 - Intermediate Spanish
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I
- History Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- FREN 2010 - Intermediate French
or
- FREN 3001 - Advanced Grammar and Composition
or
- FREN 2020 - Intermediate French and
- FREN 3000-level course

- SPAN 2010 - Intermediate Spanish
or
- SPAN 3001 - Advanced Grammar and Composition
or
- SPAN 2020 - Intermediate Spanish and
- SPAN 3000-level course

- EDUC 2025 - Child Psychology
- EDUC 2044 - Methods of Classroom Organization and Management
- ENGL 2010 - Introduction to World Literature I
- Free Elective 2
- Theology Essential Core 3

Semester Hours: 17

Second Semester

- FREN 2020 - Intermediate French
or
- FREN 3002 - Advanced Grammar and Composition
or
- FREN 2020 - Intermediate French and
- FREN 3000-level course

- SPAN 2020 - Intermediate Spanish
or
- SPAN 3002 - Advanced Grammar and Composition
or
- SPAN 2020 - Intermediate Spanish and
- SPAN 3000-level course

- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education
- African American and Diaspora Studies Essential Core 3
- ENGL 2020 - Introduction to World Literature II

Semester Hours: 15

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

Option One

THE FOLLOWING JUNIOR YEAR CURRICULUM IS **REQUIRED** FOR ALL FRENCH EDUCATION MAJORS. SPANISH EDUCATION MAJORS MAY ALSO OPT FOR THIS JUNIOR YEAR CURRICULUM.

First Semester

- FREN or SPAN (see advisor) Study Abroad 12
- EDUC 3040 - Educational Psychology Essential Core

Semester Hours: 15

Second Semester

- FREN 4050 - Internship
or
- FREN 4051 - Special Topics in French

- SPAN 4050 - Internship
or
- SPAN 4051 - Special Topics in Spanish

- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Expansive Core 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 15

Option Two

THE FOLLOWING JUNIOR YEAR CURRICULUM IS FOR SPANISH EDUCATION MAJORS WHO **DO NOT** ELECT THE STUDY ABROAD OPTION ABOVE.

First Semester

- SPAN 3001 - Advanced Grammar and Composition
- SPAN 3011 - Advanced Conversation
- EDUC 3040 - Educational Psychology
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- SPAN 3002 - Advanced Grammar and Composition

- or
 - SPAN Elective
- SPAN 3012 - Advanced Conversation
 - or
 - SPAN Elective
- SPAN 4051 - Special Topics in Spanish
 - or
 - SPAN 4052 - Special Topics in Spanish
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Expansive Core 3

Semester Hours: 15

Senior Year

First Semester

- FREN 4033 - Directed Readings in French
 - or
 - FREN 4043 - Directed Readings in French
 - or
 - FREN 4051 - Special Topics in French
 - or
 - FREN 4052 - Special Topics in French
- SPAN 4033 - Directed Readings in Spanish
 - or
 - SPAN 4043 - Directed Readings in Spanish
 - or
 - SPAN 4051 - Special Topics in Spanish
 - or
 - SPAN 4052 - Special Topics in Spanish
- FREN 4080 - Foreign Language Teaching Methodology
 - or
 - SPAN 4080 - Foreign Language Teaching Methodology
- FREN or SPAN Elective 3
- FREN 4999 - Senior Comprehensives
 - or
 - SPAN 4999 - Senior Comprehensives
- EDSC 3023 - Special Methods

- BIOL, CHEM, IPSC, or PHYS Expansive Core (recommended) 3
- PHIL 3250 - Philosophy of Science

Semester Hours: 18

Second Semester

- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar
- Free Elective 3

Semester Hours: 15

Summary: Program in Foreign Language Education (Grades K-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6, FREN 1010-FREN 1020 or SPAN 1010-SPAN 1020)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 30 **

- FREN 1010 - Elementary French
- FREN 1020 - Elementary French
- or
- FREN 1020 - Elementary French
- FREN 2010 - Intermediate French
- or
- FREN 2010 - Intermediate French
- FREN 2020 - Intermediate French

- SPAN 1010 - Elementary Spanish
- SPAN 1020 - Elementary Spanish
- or
- SPAN 1020 - Elementary Spanish

- SPAN 2010 - Intermediate Spanish
- or
- SPAN 2010 - Intermediate Spanish
- SPAN 2020 - Intermediate Spanish

- FREN 2010 - Intermediate French
- FREN 2020 - Intermediate French
- or
- FREN 3010 - French Medieval and Renaissance Literature
- FREN 3020
- or
- FREN 2020 - Intermediate French
- FREN 3000-level

- SPAN 2010 - Intermediate Spanish
- SPAN 2020 - Intermediate Spanish
- or
- SPAN 3010 - Readings in Spanish American Literature
- SPAN 3020
- or
- SPAN 2020 - Intermediate Spanish
- SPAN 3000-level

- FREN/SPAN (12) (Study Abroad option)

- FREN 4050 - Internship
- or
- SPAN 4050 - Internship

- FREN 4051 - Special Topics in French
- or
- SPAN 4051 - Special Topics in Spanish
- or
- SPAN 3001 - Advanced Grammar and Composition (Study at Xavier option)
- SPAN 3002 - Advanced Grammar and Composition (Study at Xavier option)
- or
- Elective (6)
- SPAN 3011 - Advanced Conversation
- SPAN 3012 - Advanced Conversation
- or
- Elective (6)

- SPAN 4051 - Special Topics in Spanish
- or
- SPAN 4052 - Special Topics in Spanish

- FREN 4033 - Directed Readings in French
- FREN 4043 - Directed Readings in French
- or
- FREN 4051 - Special Topics in French

- FREN 4052 - Special Topics in French
or
- SPAN 4033 - Directed Readings in Spanish
- SPAN 4043 - Directed Readings in Spanish
or
- SPAN 4051 - Special Topics in Spanish
- SPAN 4052 - Special Topics in Spanish

- FREN 4080 - Foreign Language Teaching Methodology
or
- SPAN 4080 - Foreign Language Teaching Methodology

- FREN or SPAN Elective (3)

- FREN 4999 - Senior Comprehensives
or
- SPAN 4999 - Senior Comprehensives

Education: 30

- EDSC 3023 - Special Methods
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2025 - Child Psychology
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

Other Required Courses: 3 **

- ENGL 2020 - Introduction to World Literature II

Free Electives: 5

Total Hours: 128

*Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Mathematics Education (Grades 6-12), B.S.

Mathematics Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- MATH 1070 - Introductory Calculus
or
- MATH 1070H - Introductory Calculus
- EDUC 1000 - Teacher Prep ***
- Communication Studies Essential Core 3
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- History Essential Core 3

Semester Hours: 14

Second Semester

- MATH 2070 - Calculus II
or
- MATH 2070H - Calculus II
- CPSC 1710 - Computer Science I
or
- PHYS 2510 - Computational Science & Engineering
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- PHIL 2040 - Logic
- Physical Education (activity course) Essential Core 1
- STAT 2010 - Statistical Methods I

Semester Hours: 18

Sophomore Year

First Semester

- MATH 2080 - Calculus III
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- ENGL 2010 - Introduction to World Literature I Essential Core
- Foreign Language Fundamental Core 3
- Natural Science (with lab) (BIOL recommended) Fundamental Core 3

Semester Hours: 16

Second Semester

- MATH 2030 - Elementary Linear Algebra
- MATH 2560 - Discrete Structures for Computer Science and Mathematics II
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- Foreign Language Fundamental Core 3

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- MATH 4010 - Modern Geometry
- MATH 4095 - Abstract Algebra
- EDSC 3023M - Methods of Teaching Mathematics
- EDUC 3040 - Educational Psychology
- Fine Arts Essential Core 3
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- MATH 2160L - Mathematics Technology Lab

- MATH 4030 - History of Mathematics
- MATH 4095D - Abstract Algebra Drill
- EDSC 3023M - Methods of Teaching Mathematics
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4090 - Adolescent Psychology
- African American and Diaspora Studies Essential Core 3
- Theology Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- ECON 1030 - Introduction to Economics
- PHIL 3250 - Philosophy of Science
- CHEM, IPSC, or PHYS (recommended) Expansive Core 3
- Expansive Core 3

Semester Hours: 12

Second Semester

- MATH 4999 - Senior Comprehensives
- EDUC 4065 - Student Teaching (All Education Majors)
- EDUC 4113R - Clinical Procedures in Remedial Reading in the Elementary School
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 12

Summary: Program in Math Education (Grades 6-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CPSC 1710), Philosophy (6, PHIL 2040 and PHIL 3250), Physical Education (1, activity course), Social Science (3, ECON 1030), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 31 **

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2160L - Mathematics Technology Lab
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- MATH 2560 - Discrete Structures for Computer Science and Mathematics II
- MATH 4010 - Modern Geometry
- MATH 4030 - History of Mathematics
- MATH 4095 - Abstract Algebra
- MATH 4095D - Abstract Algebra Drill
- MATH 4999 - Senior Comprehensives

- CPSC 1710 - Computer Science I
or
- PHYS 2510 - Computational Science & Engineering

- STAT 2010 - Statistical Methods I

Education: 33

- EDSC 3023M - Methods of Teaching Mathematics
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

Total Hours: 124

*Teacher certification standards require 3 hours in CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Middle School Education Math and Science Focus Areas (Grades 4-8), B.A.

Freshman Year

First Semester

- EDUC 1000 - Teacher Prep ***
- BIOL 1030 - General Biology (Non-science majors) (non-majors)
- BIOL 1030L - General Biology Lab (Non-science majors) (non-majors)
- Communication Studies Essential Core 3

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I

- HIST 1030 - World Civilizations to 1500
or
- HIST 1040 - World Civilizations Since 1500

- MATH 1010 - Principles of Modern Mathematics
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- ENGL 1020 - English Composition and Literature
- GEOG 1010 - World Geography
- FRSM 1100 - Freshman Seminar II
- IPSC 2010 - Integrated Physical Science
- MATH 1015 - College Algebra for Elementary Education Majors
- PSCI 1020 - American Government

Semester Hours: 17

Sophomore Year

First Semester

- EDUC 2044 - Methods of Classroom Organization and Management
- African American and Diaspora Studies Essential Core 3
- CHEM 1500 - Environmental Chemistry

- ENGL 2010 - Introduction to World Literature I
- Foreign Language Fundamental Core 3
- MATH 2015 - Geometry for Elementary Education Majors

Semester Hours: 18

Second Semester

- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education

- ART 2090 - Art Essentials for Teachers
or
- MUME 2013 - Elementary Classroom Music

- Foreign Language Fundamental Core 3
- IPSC 2020 - Earth Science
- MATH 2025 - Finite Mathematics for Elementary Education Majors

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- EDEL 3050A - Methods and Materials in the Teaching of Reading
- EDUC 3040 - Educational Psychology
- EDUC 3200 - Middle School Teaching Strategies
- CPSC and ENGL Expansive Core (recommended) Expansive Core 3
- Philosophy Essential Core 3
- STAT 1020 - Statistical Methods

Semester Hours: 18

Second Semester

- EDEL 3050B - Methods and Materials in the Teaching of Reading
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology

- CPSC and ENGL Expansive Core (recommended) Expansive Core 3
- HIST 3040 - History of Louisiana
- STAT 2150L - Statistics Technology Lab
- Theology Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- EDEL 3071 - Curriculum Applications I
- EDUC 4030 - Educational Measurement and Evaluation
- IPSC 4010 - Advanced Earth Science
- PHIL 3250 - Philosophy of Science
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- EDEL 3081 - Curriculum Applications II
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDUC 4060S - Student Teaching Seminar
- EDUC 4999 - Senior Comprehensives

Semester Hours: 12

Summary: Program in Middle School Education (Grades 4-8)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, ART 2090 or MUME 2013), History (3, HIST 1030 or HIST 1040), Natural Science (3, MATH 1015), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3, PSCI 1020), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one CPSC or MATH (3) and one ENGL Expansive Core course (3) (recommended)*

Major: 42

- EDEL 3050A - Methods and Materials in the Teaching of Reading
- EDEL 3050B - Methods and Materials in the Teaching of Reading
- EDEL 3071 - Curriculum Applications I
- EDEL 3081 - Curriculum Applications II
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 3200 - Middle School Teaching Strategies
- EDUC 4005S - Praxis Specialty Area
- EDUC 4030 - Educational Measurement and Evaluation
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology
- EDUC 4999 - Senior Comprehensives

Other Required Courses: 29**

- CHEM 1500 - Environmental Chemistry
- GEOG 1010 - World Geography
- HIST 3040 - History of Louisiana
- IPSC 2010 - Integrated Physical Science
- IPSC 2020 - Earth Science
- IPSC 4010 - Advanced Earth Science
- MATH 2015 - Geometry for Elementary Education Majors
- MATH 2025 - Finite Mathematics for Elementary Education Majors
- STAT 1020 - Statistical Methods
- STAT 2150L - Statistics Technology Lab

Total Hours: 131

*Teacher certification standards require 3 hours in ENGL and 3 further hours in mathematics in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Music Education Instrumental or Vocal Supervision, B.M.

Music Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- MUAP Applied Major Applied Study 2
- MUAP Applied Piano 1

- MUEN 1310U - University Chorus
or
- MUEN 1910S - Symphonic Band

- MURE 1070A - Recital Class
- MUSH 1050 - Introduction to Music History and Literature I
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- EDUC 1000 - Teacher Prep

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics

Semester Hours: 18

Second Semester

- MUAP Applied Major Applied Study 2
- MUAP Applied Piano 1

- MUEN 1320U - University Chorus
or
- MUEN 1920S - Symphonic Band

- MURE 1070B - Recital Class
- MUSH 1070 - Introduction to Music History and Literature II
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I

Semester Hours: 18

Sophomore Year

First Semester

- MUAP Applied Major Applied Study 2
- MUAP Applied Piano Secondary Piano 1

- MUEN 2310U - University Chorus
or
- MUEN 2910S - Symphonic Band

- MURE 2070A - Recital Class
- MUSM 2010 - Foundations in Functional Musicianship I - Voice and Percussion
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- MUME 2044 - Classroom Management & Rehearsal Organization
- ENGL 2010 - Introduction to World Literature I

Semester Hours: 15

Second Semester

- MUAP Applied Major Applied Study 2
- MUAP Applied Piano Secondary Piano 0

- MUEN 2320U - University Chorus
or
- MUEN 2920S - Symphonic Band

- MURE 2070B - Recital Class
- MUSM 2020 - Foundations in Functional Musicianship II - Woodwinds and Brass
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2200 - Multicultural Education
- Philosophy Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- MUAP Applied Major Applied Study 2
- MUEN 3331xx - Chamber Ensemble
- MUEN 3351O - Opera Workshop
- or
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble
- MUEN 3370C - Contemporary Group
- MUEN 3331xx - Chamber Ensemble

- MURE 3070A - Recital Class
- MUSM 2180 - Elementary Conducting
- MUSM 3010 - Foundations in Functional Musicianship III - Strings and Guitar
- MUME 3023 - Special Methods
- EDUC 2025 - Child Psychology
- African American and Diaspora Studies Essential Core 3
- History Essential Core 3

Semester Hours: 18

Second Semester

- MUAP Applied Major Applied Study 1
- MUEN 3331xx - Chamber Ensemble
- MUEN 3351O - Opera Workshop
- or
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble
- MUEN 3370C - Contemporary Group
- MUEN 3331xx - Chamber Ensemble

- MUME 3021A - Methods of Teaching Music K-8
- or
- MUME 3021B - Methods of Teaching Music 9-12

- MURE 3070B - Recital Class
- MUSM 3180 - Advanced Conducting
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUST 3090 - Orchestration
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology

- Theology Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- CMST 1010 - Fundamentals of Public Speaking
- PHIL 3250 - Philosophy of Science
- PHYS 1530 - How Things Work
- MURE 4070A - Recital Class
- Theology Essential Core 3
- EDUC 3040 - Educational Psychology
- BIOL 1030 - General Biology (Non-science majors) Fundamental Core
- BIOL 1030L - General Biology Lab (Non-science majors) Fundamental Core
- Social Science 0

Semester Hours: 18

Second Semester

- MURE 4070B - Recital Class
- MUME 4061T - Student Teaching in Music
- EDSC 4150 - Teaching Reading in the Content Areas
- MUME 4060S - Student Teaching Seminar 0
- Social Science 3

Semester Hours: 15

Summary: Program in Music Education Instrumental Or Vocal Supervision

Fundamental Core: 12

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, MUSH 1050), History (3), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major**: 64

- MUAP Major Applied Study (11)
- MUAP Applied Piano (3)

- MUEN 1310U - University Chorus
- MUEN 1320U - University Chorus
or
- MUEN 1910S - Symphonic Band
- MUEN 1920S - Symphonic Band

- MUEN 2310U - University Chorus
- MUEN 2320U - University Chorus
or
- MUEN 2910S - Symphonic Band
- MUEN 2920S - Symphonic Band
or
- MUEN 3370C - Contemporary Group
- MUEN 3351O - Opera Workshop
or
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble

- MUEN 3331xx - Chamber Ensemble
- MUME 3021
- MUME 3023 - Special Methods
- MUME 2044 - Classroom Management & Rehearsal Organization
- MUME 4061T - Student Teaching in Music
- MURE 1070A - Recital Class
- MURE 1070B - Recital Class
- MURE 2070A - Recital Class
- MURE 2070B - Recital Class
- MURE 3070A - Recital Class
- MURE 3070B - Recital Class
- MURE 4070A - Recital Class
- MURE 4070B - Recital Class
- MUSH 1070 - Introduction to Music History and Literature II
- MUSM 2010 - Foundations in Functional Musicianship I - Voice and Percussion
- MUSM 2020 - Foundations in Functional Musicianship II - Woodwinds and Brass
- MUSM 2180 - Elementary Conducting
- MUSM 3010 - Foundations in Functional Musicianship III - Strings and Guitar
- MUSM 3180 - Advanced Conducting
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- MUST 1040 - Music Theory II

- MUST 1040L - Music Theory Lab II
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- MUST 3090 - Orchestration

Education: 18

- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2025 - Child Psychology
- EDUC 2200 - Multicultural Education
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- MUME 4060S
- EDUC 4090 - Adolescent Psychology

Total Hours: 136

*Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

Social Studies Education (Grades 6-12), B.A.

Students who major in Social Studies Education must earn 27 hours in history. The following are required: HIST 1030 or HIST 1031H, HIST 1040 or HIST 1041H, HIST 2010, HIST 2020, HIST 2600, HIST 3040, HIST 3350, HIST 3360, and HIST 4415S. No grade lower than a "C" in any of the departmental offerings may be applied for credit in the major. Social Studies Education majors are required to achieve an acceptable score (determined by the Louisiana Department of Education) on all parts of the Praxis, including Praxis II: Specialty Area Test, in order to graduate. They are not required to take the department's comprehensive examination in history.

Social Studies Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- HIST 1030 - World Civilizations to 1500
or
- HIST 1031H - World Civilizations to 1500
- EDUC 1000 - Teacher Prep
- Communication Studies Essential Core 3
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics

Semester Hours: 16

Second Semester

- HIST 1040 - World Civilizations Since 1500
or
- HIST 1041H - World Civilizations Since 1500
- EDUC 1000 - Teacher Prep
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Sophomore Year

First Semester

- HIST 2010 - The United States to 1865
- EDUC 2044 - Methods of Classroom Organization and Management
- BIOL 1030 - General Biology (Non-science majors) (non-majors)
- BIOL 1030L - General Biology Lab (Non-science majors) (non-majors)
- ECON 2010 - Principles of Micro Economics
- ENGL 2010 - Introduction to World Literature I

Semester Hours: 15

Second Semester

- HIST 2020 - The United States Since 1865
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education
- ECON 2020 - Principles of Macro Economics
- GEOG 1010 - World Geography
- PSCI 1020 - American Government

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- HIST 3350 - African American History I
- EDUC 3040 - Educational Psychology
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- PSCI 3010 - Comparative Politics
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- HIST 2600 - Africa and the World
- HIST 3360 - African American History II
- HIST 4415S - Seminar in Historical Research
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Philosophy Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- HIST 3040 - History of Louisiana
- EDUC 4999 - Senior Comprehensives
- BIOL, CHEM, IPSC, or PHYS (recommended) Expansive Core 3
- GEOG 3010 - A Regional Geography of the World
- PHIL 3250 - Philosophy of Science
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- EDSC 3023S - Methods of Teaching History and Social Studies
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 15

Summary: Program in Social Studies Education (Grades 6-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3, HIST 1030/HIST 1031H), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3, PSCI 1020), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 39 **

- HIST 1040 - World Civilizations Since 1500
- HIST 1041H - World Civilizations Since 1500
- HIST 2010 - The United States to 1865
- HIST 2020 - The United States Since 1865
- HIST 2600 - Africa and the World
- HIST 3040 - History of Louisiana
- HIST 3350 - African American History I
- HIST 3360 - African American History II
- HIST 4415S - Seminar in Historical Research

- ECON 2010 - Principles of Micro Economics
- ECON 2020 - Principles of Macro Economics
- GEOG 1010 - World Geography
- GEOG 3010 - A Regional Geography of the World
- PSCI 3010 - Comparative Politics

Education: 30

- EDSC 3023S - Methods of Teaching History and Social Studies
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology
- EDUC 4999 - Senior Comprehensives

Total Hours: 129

*Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Graduate Education Programs

For information about graduate programs in Education, see the Graduate Programs section of the catalog.

Minor

Education Minor

The Education Minor Program is designed for students majoring in other disciplines who may have an interest in education.

Students in the Education Minor Program are also strongly advised to take all sections of the Praxis tests. Education minors should also read all of the state requirements for teacher certification.

Required Courses

The minor in education consists of 18 hours of coursework. The following nine (9) semester hours in the following courses are required:

- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2025 - Child Psychology

In addition,

students select an additional nine (9) semester hours from the following courses:

- EDEL 3020 - Methods of Teaching Elementary School
- EDUC 2200 - Multicultural Education
- EDUC 3040 - Educational Psychology
- EDUC 4030 - Educational Measurement and Evaluation
- EDUC 4090 - Adolescent Psychology

Division of Fine Arts and Humanities

Division of Fine Arts and Humanities

In the Division of Fine Arts and Humanities, the departments of Art, English, History, Languages, Music, Philosophy, and Theology join forces to realize Xavier University's mission of promoting a more just and humane society by preparing future leaders who (1) communicate clearly and coherently in writing and speaking; (2) appreciate aesthetics and creative activities; (3) employ literary and historical perspectives to understand the world's diverse cultures; (4) are acquainted with a language other than English; and (5) enjoy an evolving perspective on African American culture and heritage. Indeed, the Division of Fine Arts and Humanities is a shining beacon for the University, without which the realization of its mission would be impossible.

All Xavier students rely on courses in the Division of Fine Arts and Humanities in order to graduate with a well-rounded, liberal arts education. The students who opt to major in fine arts or humanities form a unique cadre of young scholars who learn to think outside the box in order to solve problems both critically and creatively. Through coursework, research and internship opportunities, study abroad, and service learning activities, graduates from this division are prepared to tackle a multitude of challenges and pave new paths to future success in a variety of fields.

Students in the Division of Fine Arts and Humanities enjoy small classes taught by expert faculty who get to know and mentor them as individuals. Over 95% of the division's faculty (excluding teachers of musical performance), hold the terminal Ph.D. or M.F.A degrees, and nearly the same high percentage of faculty teach fulltime. These faculty members have published 45 books, performed with symphony orchestras and in venues such as Carnegie Hall and the White House, written operas, created the animation for feature-length Hollywood films, won prestigious teaching awards, and exhibited their art internationally.

The Division of Fine Arts and Humanities offers the following degree programs:

- B.A. in Art
- B.A. in Art Education (in conjunction with the Division of Education and Counseling)
- B.A. in English
- B.A. in English/English Education (in conjunction with the Division of Education and Counseling)
- B.A. in Foreign Language Education (French or Spanish, in conjunction with the Division of Education and Counseling)
- B.A. in French
- B.A. in History
- B.A. in Music-Liberal Arts
- B.A. in Philosophy
- B.A. in Social Studies Education (in conjunction with the Division of Education and Counseling)
- B.A. in Spanish
- B.A. in Theology
- B.M. in Music Education (Instrumental or Vocal, in conjunction with the Division of Education and Counseling)
- B.M. in Music Performance-Instrumental
- B.M. in Music Performance-Piano
- B.M. in Music Performance-Voice

Department of Art

Division of Fine Arts and Humanities

The Art Village - (504) 520-7556 - <http://www.xula.edu/art>

In support of the University's mission, the Art Department is committed to preparing individuals to be visually aware and socially conscious. Students investigate and develop studio skills, historical analysis, individual aesthetics, and methods of evaluation

within a mentorship environment. Courses are designed to enhance fundamental professional training for all students, stimulate intellectual curiosity, and provide an opportunity to expand personal creative experiences.

For the art major, we offer fundamental professional preparation through broad studio activities. We assist the individual in finding and building upon his/her own strengths in an effort to pursue a successful arts career. Problem solving, research, community collaboration and the integration of creative and technical practices are the root of visual arts program.

Two programs are available to the art major - the B.A. Program in Art and the B.A. Program in Art Education. The first broadens career opportunities in visual arts, specifically in sculpture, painting, ceramics, graphic design, photography and printmaking. The Program in Art Education certifies the prospective art teacher for primary and secondary schools.

Freshmen entering the Department as majors are required to give some evidence of special ability in the field prior to admission. Admission to sophomore level and above art programs of study is dependent on approval of the majority of the art faculty, based on the student's performance during the preceding year in the areas of drawing, sense of design, consistent growth, and professional attitudes. Each major will participate in an annual review with the faculty in order to assess the student's demonstrated skills. Students will be required to maintain a journal/sketchbook. This book should contain all materials given to students in and out of art classes as well as information students find important. Students are expected to attend all departmental meetings.

This and additional information about the Xavier University Art Department can be viewed at <http://www.xula.edu/art>.

Entering freshmen may compete for scholarships. The student must have completed an application for admission and have been accepted by the university before any scholarship is considered.

The Art Department reserves the right either to accept studio art credits from other institutions or to require the student to take further courses in the Xavier Art Department. The decision will be based on the quality of the work submitted by the student.

Upon graduation at least one work from each graduating senior is to be submitted to and retained by the Department. Each graduating senior must present to the department twelve color slides of digital documentation representing his/her best work. Majors are required to pass a comprehensive examination. Attendance at all departmental meetings is required. In order for any of the departmental offerings to be counted for degree credit, a student must earn a "C" or better.

The B.A. in Art program requires a total of 129 hours. This includes 48 hours of art courses of which nine are electives in a chosen media or other art courses. The required courses include: ART 1010, ART 1030, ART 1040, ART 1050, ART 1060, ART 1090, ART 2020, ART 2030, ART 2070, ART 2080, ART 2110, ART 2120, and ART 2130.

Majors in Art Education are required to take 51 semester hours in art. The following are required in the B.A. in Art Education Program: ART 1010, ART 1020, ART 1030, ART 1050, ART 1060, ART 1090, ART 2020, ART 2070, ART 2080, ART 2110, ART 2120, and ART 3000.

Major

Art Education, B.A.

Art Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- ART 1010 - Design Ia
- ART 1030 - Drawing 1 Beginning Drawing
- ART 1090 - Art Appreciation
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- ART 1020 - Design Ib
- ART 1040 - Drawing 2 Intermediate Drawing
- Communication Studies Communication 3
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I

Semester Hours: 16

Sophomore Year

First Semester

- ART 1050 - Introduction to Ceramics
- ART 2020 - Introduction to Graphic Design
- EDUC 2025 - Child Psychology
- EDUC 2044 - Methods of Classroom Organization and Management
- ENGL 2010 - Introduction to World Literature I
- Foreign Language Fundamental Core 3

Semester Hours: 18

Second Semester

- ART 1060 - Introduction to Painting
- ART 2080 - Introduction to Printmaking
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math

- EDUC 2200 - Multicultural Education
- BIOL 1030 - General Biology (Non-science majors)
- BIOL 1030L - General Biology Lab (Non-science majors)
- Foreign Language Fundamental Core 3

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- ART 2110 - History of Art Ia
- EDSC 3023 - Special Methods
- EDUC 3040 - Educational Psychology
- History Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 15

Second Semester

- ART 2120 - History of Art Ib
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- ART 2070 - Introduction to Sculpture
- ART 4140 - Art of the African Diaspora
- BIOL, CHEM, IPSC, or PHYS Expansive Core (recommended) 3
- PHIL 3250 - Philosophy of Science
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- ART 3200 - Art Trends and Policy
- ART 4999 - Senior Comprehensives
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 15

Summary: Program in Art Education

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, ART 1090), History (3), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity-based), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 39 **

- ART 1010 - Design Ia
- ART 1020 - Design Ib
- ART 1030 - Drawing 1 Beginning Drawing
- ART 1040 - Drawing 2 Intermediate Drawing
- ART 1050 - Introduction to Ceramics
- ART 1060 - Introduction to Painting
- ART 2020 - Introduction to Graphic Design
- ART 2070 - Introduction to Sculpture
- ART 2080 - Introduction to Printmaking
- ART 2110 - History of Art Ia
- ART 2120 - History of Art Ib
- ART 3200 - Art Trends and Policy
- ART 4140 - Art of the African Diaspora
- ART 4999 - Senior Comprehensives

Education: 30

- EDSC 3023 (3)
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2025 - Child Psychology
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

Total Hours: 129

* Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

Art, B.A.

Freshman Year

First Semester

- ART 1010 - Design Ia
- ART 1030 - Drawing 1 Beginning Drawing
- ART 1090 - Art Appreciation
- Communication Studies Essential Core 3

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- ART 1060 - Introduction to Painting

- ART 1040 - Drawing 2 Intermediate Drawing
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- Mathematics Fundamental Core 3
- Natural Science Fundamental Core 3

Semester Hours: 16

Sophomore Year

First Semester

- ART 2030 - Drawing 3 Figure Drawing 1
- ART 2070 - Introduction to Sculpture
- ART 2110 - History of Art Ia
- African American and Diaspora Studies Essential Core 3
- ENGL 2010 - Introduction to World Literature I
- Natural Science Essential Core 3

Semester Hours: 18

Second Semester

- ART 2020 - Introduction to Graphic Design
- ART 1050 - Introduction to Ceramics
- ART 2080 - Introduction to Printmaking
- ART 2120 - History of Art Ib
- Free Elective 3
- Theology Essential Core 3

Semester Hours: 18

Junior Year

First Semester

- Expansive Core 3
- Foreign Language Fundamental Core 3
- Minor 6
- Philosophy Essential Core 3

Semester Hours: 15

Second Semester

- ART 2130 - Special Topics in Art History
- ART Elective Art 3
- Foreign Language Fundamental Core 3
- Minor 6
- Philosophy Essential Core 3

Semester Hours: 18

Senior Year

First Semester

- ART Electives Art 3
- Expansive Core 3
- Free Electives 3
- Minor 3
- History and Theology Essential Core 3

Semester Hours: 15

Second Semester

- ART Electives Art 3
- ART 4999 - Senior Comprehensives
- Minor 3
- History and Theology Essential Core 3
- Social Science Essential Core 3

Semester Hours: 12

Summary: Program in Art

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, ART 1090), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 45*

- ART 1010 - Design Ia
- ART 1030 - Drawing 1 Beginning Drawing
- ART 1040 - Drawing 2 Intermediate Drawing
- ART 1050 - Introduction to Ceramics
- ART 1060 - Introduction to Painting
- ART 1090 - Art Appreciation
- ART 2020 - Introduction to Graphic Design
- ART 2030 - Drawing 3 Figure Drawing 1
- ART 2070 - Introduction to Sculpture
- ART 2080 - Introduction to Printmaking
- ART 2110 - History of Art Ia
- ART 2120 - History of Art Ib
- ART 2130 - Special Topics in Art History
- ART electives 9
- ART 4999 - Senior Comprehensives

Minor: 18

Free Electives: 6

Total Hours: 129

*Includes hours already counted in core and/or required courses from other disciplines.

Minor

Art Minor

In addition to the two major programs, the Art Department also offers a minor in Art for those students majoring in another discipline. In the minor, eighteen (18) hours must be completed. Design Ia-b (ART 1010-ART 1020) and Drawing I (ART 1030) are required. The additional nine hours are to be chosen from:

Required Courses

Art History

- ART 2110 - History of Art Ia
- ART 2120 - History of Art Ib
- ART 2130 - Special Topics in Art History
- ART 4140 - Art of the African Diaspora

Black & White Photography

- ART 3011 - Advanced Black and White Photography

Ceramics

- ART 1050 - Introduction to Ceramics
- ART 3110 - Ceramics 2 Intermediate Ceramics
- ART 3120 - Ceramics 3, Advanced Ceramics

Color Photography

- ART 3022 - Digital Color Photography

Drawing

- ART 1040 - Drawing 2 Intermediate Drawing
- ART 2030 - Drawing 3 Figure Drawing 1
- ART 2040 - Drawing 4 Figure Drawing 2

Graphic Design

- ART 2020 - Introduction to Graphic Design
- ART 4010 - Graphic Design 2, Intermediate Graphic Design
- ART 4020 - Graphic Design 3, Advanced Graphic Design

Painting

- ART 1060 - Introduction to Painting
- ART 3050 - Painting 2, Intermediate Painting
- ART 3060 - Painting 3, Advanced Painting

Printmaking

- ART 2080 - Introduction to Printmaking
- ART 3090 - Printmaking 2 Intermediate Printmaking

Sculpture

- ART 2070 - Introduction to Sculpture
- ART 3070 - Sculpture 2, Intermediate Sculpture
- ART 3080 - Sculpture 3, Advanced Sculpture

Arts Management Minor

This minor is designed to provide students with the entrepreneurial skills necessary to thrive in a global environment marked by the increasing cultural and economic impact of the visual arts. The program combines social and cultural awareness, nonprofit management and studio art courses to create an innovative program designed to meet the new challenges of the field. The mission of the Arts Management minor is to assist students in the development of management, marketing and financial skills while

expanding their understanding of the critical role of art in community-building efforts as well as in social enterprise. Goals include envisioning the arts as an agent for education, social change, and as a tool for building community partnerships. In particular, the community service aspects of working in not-for-profit management will be emphasized in this minor. In the ART 2600 and ART 3200 courses, students will be encouraged to gain practical experience through internships and volunteer opportunities with local and national arts organizations.

Students must complete 18 credit hours in this declared minor, which includes nine (9) hours of art courses and nine (9) hours of business courses for those students who are not art or business majors*.

Art Courses

- ART 1090 - Art Appreciation
- ART 2600 - Developing Community Programs through the Arts
- ART 3200 - Art Trends and Policy

Business Courses

- ACCT 1010 - Principles of Accounting
- BSAD 2020 - Intro to Entrepreneurship
- BSAD 3780 - Organization and Operation of a Small Business

Note:

*Art and Business majors can choose 18 hours of the above courses that do not fulfill another requirement in their major. The remaining hours can be elected from the art or business curricula.

Department of English

Division of Fine Arts and Humanities

Administration Building 317 - (504) 520-7464 - <http://www.xula.edu/english/>

English majors learn to reason effectively and to communicate well, both orally and in writing. Under the English curriculum students are well prepared to pursue careers in education, law, government service, technical writing, journalism, public relations, business, and the corporate world. The graduating English major may enter a masters or Ph.D. program in English, Comparative Literature, African American and Diaspora Studies, Women's Studies, Cultural Studies, Diaspora Studies, creative writing, technical writing, linguistics, or in any of the humanities. Many of Xavier's English graduates have entered law or graduate school programs.

Students electing English as a major must earn 39 semester hours of English, exclusive of English: ENGL 1000/ENGL 1010-ENGL 1020 and ENGL 2010. (See course requirements below.) Majors are required to pass a senior comprehensive examination, and must attend all departmental meetings. In order for an English course to be counted for degree credit in English and in English/English Education, a student must earn a "C" or better.

All English courses reinforce the goals of the core curriculum and are writing-intensive as defined by the Academic Council of the College of Arts and Sciences. The following courses are required for the B.A. in English: ENGL 1010/ENGL 1000-ENGL 1020 (or ENGL 1023H), ENGL 2010 (or ENGL 2011H), ENGL 2070, ENGL 2080, ENGL 3160, ENGL 3170, ENGL 3400, one African American literature course (ENGL 3185, ENGL 3280, or ENGL 3290), one world literature course beyond ENGL 2010 (ENGL 2020, ENGL 3175, or ENGL 3275), one English literature course pre-1800 (ENGL 3010, ENGL 3021, or ENGL

3070), one English literature course post-1800 (ENGL 3210, ENGL 3221, or ENGL 3270), one advanced language/composition course (ENGL 2200, ENGL 3135, or ENGL 3150), one English elective, and two 4000-level English seminars.

Honors in English - ENGL 1023H and ENGL 2011H satisfy the core curriculum requirements in English composition, introduction to literature, and world literature (the equivalent of ENGL 1010, ENGL 1020, and ENGL 2010). Upon receiving a grade of "C" or better in the Freshman Honors English Sequence (ENGL 1023H and ENGL 2011H), the student will receive 3 semester hours of credit for ENGL 1010. ENGL 1020 and ENGL 2010 cannot be substituted for the Freshman Honors English Sequence; if the student elects to take either of those, he/she forfeits his/her placement in the Honors sequence.

Students may receive Honors in English in four different ways.

1. For initial placement in the Honors in English program, students must meet criteria that include ACT or SAT scores and high school transcript. The English Department determines final placement. To receive an honors distinction in English, students so chosen must take ENGL 1023H, ENGL 2011H, and an additional 3 semester hours of a 3000 or 4000 level English course of their choice and receive a cumulative average of 3.0 or higher for all three courses (or their equivalent).
2. Students with Advanced Placement credit may take the sequence with ENGL 2011H and one more English course at the 3000 or 4000 level. A cumulative average of 3.0 or higher in these two courses will earn them Honors in English.
3. A student who earns an "A" in ENGL 1010 may also qualify for the honors sequence. A student with credit in other than AP programs should consult the English department head for honors consideration.
4. Students need not be placed in the Freshman English Honors Sequence outlined above to qualify for "Honors in English." Students majoring or minoring in English may also earn the honors distinction by completing their courses of study with a **3.5** cumulative average in English. At least eighteen semester hours of English must be earned at Xavier.

Students may use the AP or CLEP examinations as equivalencies for ENGL 1010 or ENGL 1020. Students must have taken the essay portion of the exam as well as the objective portion and must meet with the department head for advising no later than the last day of registration to determine from which course(s) they may be exempt.

Major

English, B.A.

Freshman Year

First Semester

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Communication Studies Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- History World Civilizations 3
- Mathematics Fundamental Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- Philosophy Essential Core 3
- Social Science Essential Core 3
- Theology Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- ENGL 2010 - Introduction to World Literature I
- ENGL 2070 - Survey of British Literature I
- African American and Diaspora Studies Essential Core 3
- Natural Science (with lab) Fundamental Core 3
- Philosophy Essential Core 3

Semester Hours: 15

Second Semester

- ENGL 2080 - Survey of British Literature II
- ENGL 2020 - Introduction to World Literature II
or
- Minor 3 *
- ENGL 2200 - Modern English Grammars
or
- Free Elective 3
or
- Minor 3 **
- Fine Arts Essential Core 3
- Natural Science (with lab) Fundamental Core 3

Semester Hours: 15

Junior Year

First Semester

- ENGL 3160 - Survey of American Literature I

- ENGL 3010 - Medieval Literature
or
- ENGL 3021 - Early Modern Literature
or
- ENGL 3070 - Restoration and Eighteenth Century Literature

- ENGL 3135 - Language: History and Theory
or
- ENGL 3150 - Advanced Writing
or
- Free Elective 3
or
- Minor 3 ****

- Expansive Core 3
- Minor 3

Semester Hours: 15

Second Semester

- ENGL 3170 - Survey of American Literature II

- ENGL 3210 - Romantic Literature
or
- ENGL 3221 - Victorian and Early Twentieth-Century Literature
or
- ENGL 3270 - British Literature of the Twentieth and Twenty-First Centuries

- ENGL 3185 - Special Topics in African American Literature
or
- ENGL 3280 - Survey of African American Writers of the Eighteenth and Nineteenth Centuries
or
- ENGL 3290 - Survey of African American Writers of the Twentieth and Twenty-first Centuries

- Free Electives 3
- Theology Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- ENGL 3175 - Survey of African Literature
or
- ENGL 3275 - The Postcolonial Novel
or

- Minor 3 ***
- ENGL 4010S - British Literature Seminar
or
- ENGL 4020S - American Literature Seminar
or
- ENGL 4030S - Poetry Seminar
or
- ENGL 4040S - Drama Seminar
or
- ENGL 4050S - Comparative Literature Seminar
or
- ENGL 4060S - African American and African Diaspora Literature Seminar
- ENGL Elective English 3
- Expansive Core 3

Semester Hours: 12

Second Semester

- ENGL 3400 - Critical Theory
- ENGL 4010S - British Literature Seminar
or
- ENGL 4020S - American Literature Seminar
or
- ENGL 4030S - Poetry Seminar
or
- ENGL 4040S - Drama Seminar
or
- ENGL 4050S - Comparative Literature Seminar
or
- ENGL 4060S - African American and African Diaspora Literature Seminar
- ENGL 4999 - Senior Comprehensives
- Minor 9

Semester Hours: 15

Summary: Program in English

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 39

- ENGL 2010 - Introduction to World Literature I
or
- ENGL 2011H - Introduction to World Literature for Honors Students

- ENGL 2070 - Survey of British Literature I
- ENGL 2080 - Survey of British Literature II
- ENGL 3160 - Survey of American Literature I
- ENGL 3170 - Survey of American Literature II
- ENGL 3400 - Critical Theory

- ENGL 2020 - Introduction to World Literature II
or
- ENGL 3175 - Survey of African Literature
or
- ENGL 3275 - The Postcolonial Novel

- ENGL 2200 - Modern English Grammars
or
- ENGL 3135 - Language: History and Theory
or
- ENGL 3150 - Advanced Writing

- ENGL 3010 - Medieval Literature
or
- ENGL 3021 - Early Modern Literature
or
- ENGL 3070 - Restoration and Eighteenth Century Literature

- ENGL 3185 - Special Topics in African American Literature
or
- ENGL 3280 - Survey of African American Writers of the Eighteenth and Nineteenth Centuries
or
- ENGL 3290 - Survey of African American Writers of the Twentieth and Twenty-first Centuries

- ENGL 3210 - Romantic Literature
or
- ENGL 3221 - Victorian and Early Twentieth-Century Literature
or
- ENGL 3270 - British Literature of the Twentieth and Twenty-First Centuries

- ENGL elective 3

- ENGL 4000-level seminars 6
- ENGL 4999 - Senior Comprehensives

Minor: 18

Free Electives: 3

Total Hours: 120

*Students may take ENGL 2020 in the sophomore year or in the senior year take either ENGL 3175 or ENGL 3275.

**Students may take ENGL 2200 in the sophomore year or in the junior year they may take either ENGL 3135 or ENGL 3150.

***If a student has taken ENGL 2200, ENGL 3135 or ENGL 3150 need not be taken.

****If a student has taken ENGL 2020, ENGL 3175 or ENGL 3275 need not be taken.

English/English Education (Grades 6-12), B.A.

English/English Education offers a Bachelor of Arts degree in two programs: a full English major degree in preparation for graduate school in English and the humanities and an Education degree leading to certification to teach English Education grades 6-12. English/English Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- EDUC 1000 - Teacher Prep
- BIOL 1030 - General Biology (Non-science majors)
- BIOL 1030L - General Biology Lab (Non-science majors)
- Communication Studies Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- History Essential Core 3
- MATH 1020 - Basic Statistics I

Semester Hours: 16

Sophomore Year

First Semester

- ENGL 2010 - Introduction to World Literature I
- ENGL 2070 - Survey of British Literature I
- ENGL 2200 - Modern English Grammars
- EDUC 2044 - Methods of Classroom Organization and Management
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- ENGL 2080 - Survey of British Literature II
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education
- African American and Diaspora Studies Essential Core 3
- Social Science Essential Core 3

Semester Hours: 15

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- ENGL 3040 - Shakespeare at the Globe
or
- ENGL 3050 - Shakespeare in Adaptation

- ENGL 3160 - Survey of American Literature I
- ENGL 3310 - Rhetoric, Composition, and the Teaching of Writing
- ENGL Electives English 3 *
- EDUC 3040 - Educational Psychology
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- ENGL 3170 - Survey of American Literature II
- ENGL 3320 - Critical Approaches to Teaching Literature
- ENGL Electives English 3 *
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Expansive Core 3

Semester Hours: 15

*Six total hours must be chosen from two of the following groups: (1) ENGL 3185, ENGL 3280, ENGL 3290; (2) ENGL 3010, ENGL 3021, ENGL 3070; (3) ENGL 3210, ENGL 3221, ENGL 3270.

Senior Year

First Semester

- ENGL 4010S - British Literature Seminar
or
- ENGL 4020S - American Literature Seminar
or
- ENGL 4030S - Poetry Seminar
or
- ENGL 4040S - Drama Seminar
or
- ENGL 4050S - Comparative Literature Seminar
or
- ENGL 4060S - African American and African Diaspora Literature Seminar

- ENGL Elective English 3
- BIOL, CHEM, IPSC, or PHYS Expansive Core (recommended) 3
- PHIL 3250 - Philosophy of Science Essential Core
- Natural Science Essential Core 3

Semester Hours: 15

Second Semester

- ENGL 4999 - Senior Comprehensives
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 12

Summary: Program in English/English Education (Grades 6-12)

Fundamental Core: 21

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6, MATH 1020)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 36 **

- ENGL 2070 - Survey of British Literature I
- ENGL 2080 - Survey of British Literature II
- ENGL 2200 - Modern English Grammars

- ENGL 3040 - Shakespeare at the Globe
or
- ENGL 3050 - Shakespeare in Adaptation

- ENGL 3160 - Survey of American Literature I
- ENGL 3170 - Survey of American Literature II
- ENGL 3310 - Rhetoric, Composition, and the Teaching of Writing
- ENGL 3320 - Critical Approaches to Teaching Literature
- (6 total hours from 2 of the following groups)
- ENGL elective (3)
- ENGL 4000-level seminars (3)
- ENGL 4999 - Senior Comprehensives

Choose among the following groups

Group 1

- ENGL 3185 - Special Topics in African American Literature
or
- ENGL 3280 - Survey of African American Writers of the Eighteenth and Nineteenth Centuries
or
- ENGL 3290 - Survey of African American Writers of the Twentieth and Twenty-first Centuries

Group 2

- ENGL 3010 - Medieval Literature
or
- ENGL 3021 - Early Modern Literature
or
- ENGL 3070 - Restoration and Eighteenth Century Literature

Group 3

- ENGL 3210 - Romantic Literature
or
- ENGL 3221 - Victorian and Early Twentieth-Century Literature
or
- ENGL 3270 - British Literature of the Twentieth and Twenty-First Centuries

Education: 21

- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

Total Hours: 126

*Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Minor

Creative Writing Minor

The Creative Writing program is committed to developing creative written expression. Through writing-intensive seminars and workshops, Creative Writing minors: (1) develop their creative thinking and writing ability; (2) gain a greater sensitivity to language; (3) learn to offer and respond to constructive criticism; (4) learn to read literature in terms of craft and method; (5) create a portfolio of artistic work; and (6) become familiar with contemporary authors.

These skills will serve students whether they pursue graduate school or careers immediately after graduation. Depending upon the student's major, the graduating Creative Writing minor's options may include pursuing a Master of Fine Arts in Creative Writing or a Doctorate in English, either of which would qualify him or her for a career in college teaching. Other career directions may include education, writing literature, magazine writing, publishing, journalism, languages, communications, business, and technical and scientific writing.

The minor in Creative Writing consists of eighteen (18) hours. Students completing this minor are required to take:

Required Courses

- CRWT 1050 - Introduction to Creative Writing

At least two of the following:

- CRWT 2050 - Poetry Workshop
- CRWT 2060 - Fiction Writing
- CRWT 2070 - Creative Nonfiction
- CRWT 2080 - Dramatic Writing

At least one of the following:

- CRWT 3060 - Special Topics
- CRWT 4050 - Seminar
- CRWT 4060 - Creative Thesis

Note:

CRWT 2141/ENGL 2141, CRWT 2143/ ENGL 2143 - Journal Practicum also counts towards the minor.

Students may repeat any course, except CRWT 1050, one time.

A grade of "C" or better must be earned in all courses taken in the minor.

English Minor

Students electing English as a minor must earn 18 hours of English beyond ENGL 1000/ENGL 1010-ENGL 1020. ENGL 2010 (ENGL 2011H) and ENGL 2020 are required and count toward the 18 hours of the minor.

Professional Writing Minor

The Department of English also offers a Professional Writing minor. A grade of "B" or better in ENGL 1000/ENGL 1010 and ENGL 1020/ENGL 1023H will be required of students who are completing the program as their academic minor. The minor in Professional Writing consists of Professional Writing courses and courses in English, Creative Writing, and Mass Communication.

Required Courses

- **TWO workshop seminars** that, while different in focus, emphasize clear prose writing for a general audience (PRWT 2000 and PRWT 2070/CRWT 2070);
- **ONE class on grammar** (PRWT 2200/ENGL 2200);
- **ONE class on technical writing** (PRWT 3155); and
- **ONE of the following six choices**, adding up to an additional 6 hours;
 1. two sections of On-campus Writing Apprenticeship (PRWT 4000) ; or
 2. two sections of Off-campus Writing Apprenticeship (PRWT 4001); or
 3. PRWT 4000 and PRWT 4001 (one section each); or
 4. MSCM 2222 and MSCM 2500; or
 5. MSCM 2222 and one 3-hour writing course (such as Science Writing or Advanced Composition; course must be approved by program director); or
 6. one 3 hour writing course and one section of Writing Apprenticeship (course must be approved by program director).

Total Hours: 18

No grade lower than a "C" may be applied to the minor.

Department of History

Division of Fine Arts and Humanities

Administration Building 212 - (504) 520-7581 - <http://www.xula.edu/history/index.html>

The skills of a history major are highly valued in all professions. Students completing the History curriculum acquire the ability to analyze complex issues, events, and ideas by mastering analytical thinking, writing, and communication skills. Dedicated to the humanistic study of the past to better understand the present and successfully navigate the future, graduating history majors are well prepared to pursue careers in law, medicine, journalism, business, international relations, government, public history, politics, publishing, research and teaching. An undergraduate degree in History is also excellent preparation for masters or Ph.D. programs in history, area studies, gender studies, or any humanities or social science discipline.

Honors in History - Students selected by the placement process of the Admissions Office will be awarded honors in history if they earn at least a "B" each in a 1000-level course with a designation of "H", any 2000-level course, and any 3000- or 4000-level course. Students may also take two 2000-level courses and one 3000-/4000-level course to fulfill the honors requirement, again provided they earn at least a "B" in each class. Other students may be considered for Honors in History with the approval of the department head.

Major

History, B.A.

Students who major in history must earn 36 hours in history. Of these 33 hours, the following are required: HIST 2010, HIST 2020, HIST 2415, and HIST 4415S. Of the remaining hours, 15 must be at the 3000-4000 level and must include three hours in African American history, three hours in United States history, three hours in European history, and three hours in Developing World history. In addition, all majors are required to complete the department's comprehensive examination and attend departmental meetings. No grade lower than a "C" in any of the departmental offerings may be applied for credit in the major.

Freshman Year

First Semester

- HIST 1000-level or higher History 3
- Communication Studies Essential Core 3

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core 3

Semester Hours: 16

Second Semester

- HIST 2000-level or higher History 3
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- Social Science Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- HIST 2010 - The United States to 1865
- HIST 2415 - Introduction to Historical Research and Writing
- ENGL 2010 - Introduction to World Literature I

- Minor 3
- Natural Science (with lab) Fundamental/Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 16

Second Semester

- HIST 2000-level or higher History 3
- HIST 2020 - The United States Since 1865
- Minor 3
- Natural Science (with lab) Fundamental/Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 15

Junior Year

First Semester

- HIST 3000- or 4000-level History 3 *
- Expansive Core 3
- Minor 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- HIST 3000- or 4000-level History 3 *
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Free Electives 3
- Theology Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- HIST 3000- or 4000-level History 3 *
- HIST 4415S - Seminar in Historical Research

- Free Electives 3
- Minor 6

Semester Hours: 15

Second Semester

- HIST 3000- or 4000-level History 3 *
- HIST 4999 - Senior Comprehensives
- Free Electives 6
- Minor 3

Semester Hours: 12

Note:

*See summary table below for distribution requirements for these courses.

Summary: Program in History

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3, HIST 1000-level or higher), Natural Science (3), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 30

- HIST 2000-level or higher 3
- HIST 2010 - The United States to 1865
- HIST 2020 - The United States Since 1865
- HIST 2415 - Introduction to Historical Research and Writing
- HIST 3000-level or higher 3
- HIST 3000/4000-level African American 3 *
- HIST 3000/4000-level United States 3 *
- HIST 3000/4000-level European 3 *
- HIST 3000/4000-level Developing World 3 **
- HIST 4415S - Seminar in Historical Research
- HIST 4999 - Senior Comprehensives

Free Electives: 12

Minor: 18

Total Hours: 120

Social Studies Education (Grades 6-12), B.A.

Students who major in Social Studies Education must earn 27 hours in history. The following are required: HIST 1030 or HIST 1031H, HIST 1040 or HIST 1041H, HIST 2010, HIST 2020, HIST 2600, HIST 3040, HIST 3350, HIST 3360, and HIST 4415S. No grade lower than a "C" in any of the departmental offerings may be applied for credit in the major. Social Studies Education majors are required to achieve an acceptable score (determined by the Louisiana Department of Education) on all parts of the Praxis, including Praxis II: Specialty Area Test, in order to graduate. They are not required to take the department's comprehensive examination in history.

Social Studies Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- HIST 1030 - World Civilizations to 1500
or
- HIST 1031H - World Civilizations to 1500

- EDUC 1000 - Teacher Prep
- Communication Studies Essential Core 3

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics

Semester Hours: 16

Second Semester

- HIST 1040 - World Civilizations Since 1500
or
- HIST 1041H - World Civilizations Since 1500

- EDUC 1000 - Teacher Prep
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Sophomore Year

First Semester

- HIST 2010 - The United States to 1865
- EDUC 2044 - Methods of Classroom Organization and Management
- BIOL 1030 - General Biology (Non-science majors) (non-majors)
- BIOL 1030L - General Biology Lab (Non-science majors) (non-majors)
- ECON 2010 - Principles of Micro Economics
- ENGL 2010 - Introduction to World Literature I

Semester Hours: 15

Second Semester

- HIST 2020 - The United States Since 1865
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education
- ECON 2020 - Principles of Macro Economics
- GEOG 1010 - World Geography
- PSCI 1020 - American Government

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- HIST 3350 - African American History I

- EDUC 3040 - Educational Psychology
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- PSCI 3010 - Comparative Politics
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- HIST 2600 - Africa and the World
- HIST 3360 - African American History II
- HIST 4415S - Seminar in Historical Research
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Philosophy Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- HIST 3040 - History of Louisiana
- EDUC 4999 - Senior Comprehensives
- BIOL, CHEM, IPSC, or PHYS (recommended) Expansive Core 3
- GEOG 3010 - A Regional Geography of the World
- PHIL 3250 - Philosophy of Science
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- EDSC 3023S - Methods of Teaching History and Social Studies
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 15

Summary: Program in Social Studies Education (Grades 6-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3, HIST 1030/HIST 1031H), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3, PSCI 1020), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 39 **

- HIST 1040 - World Civilizations Since 1500
- HIST 1041H - World Civilizations Since 1500
- HIST 2010 - The United States to 1865
- HIST 2020 - The United States Since 1865
- HIST 2600 - Africa and the World
- HIST 3040 - History of Louisiana
- HIST 3350 - African American History I
- HIST 3360 - African American History II
- HIST 4415S - Seminar in Historical Research
- ECON 2010 - Principles of Micro Economics
- ECON 2020 - Principles of Macro Economics
- GEOG 1010 - World Geography
- GEOG 3010 - A Regional Geography of the World
- PSCI 3010 - Comparative Politics

Education: 30

- EDSC 3023S - Methods of Teaching History and Social Studies
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

- EDUC 4999 - Senior Comprehensives

Total Hours: 129

*Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Minor

History Minor

Students who select a minor in history must earn 18 hours in HIST offerings. Required courses are HIST 2010 and HIST 2020. The additional 12 semester hours must include at least 3 semester hours at the 3000-4000 level. No grade lower than a "C" in any of the departmental offerings may be applied for credit in the minor.

Department of Languages

Division of Fine Arts and Humanities

Administration Building, Suite 215 - (504) 520-7495 - <http://www.xula.edu/languages/index.html>

Department of Languages Mission Statement

Taking as the most fundamental principle the creation of a more just and humane society, the Department of Languages embodies a pluralistic teaching and learning environment by exemplifying diversity. Courses in the Department of Languages are infused with a multicultural, multiethnic content that counters the inexcusable and all too frequent omission of the African continental and Diaspora presence in the teaching of languages and literatures, while at the same time incorporating a global perspective which prepares students for their professional and personal lives in the third millennium.

Through the department's diversity, varied research interests, and dedication to a pluralistic and integrated pedagogy, the Department of Languages works to advocate a sound intellectual dialogue, a rigorous and progressive academic formation, and a commitment to stand firm against all forms of injustice. The faculty engage in the ongoing enhancement of the curricula and ensure that the courses are all encompassing, enriching, and challenging.

Introduction

Language is the gatekeeper and conveyor of culture. Recognizing this essential relationship between language and culture, the Department of Languages seeks to infuse its courses with significant content and cultural information.

The Department of Languages contributes to a heightened sense of global community and world citizenship and assists in the development of the language and cultural skills necessary for graduates to function effectively in intercultural and international work environments. The curriculum is proficiency-based (the acquisition of the four primary skills in the target language: comprehension, speaking or signing, reading, and writing), and emphasizes an understanding of the target culture. The language

curriculum affirms the crucial role of literature in developing critical and analytical thinking skills and in providing insight into culture and the transmission of societal values.

Careers enjoyed by language alumni are interdisciplinary and international in scope and include teaching languages at every level, the Foreign Service, law, business, health care, international relations, translation and interpretation, tourism and travel. Xavier language alumni have pursued graduate and professional degrees in business, medicine, education, fine arts, performing arts, law, international affairs, psychology, sociology, languages and literature. They have served the national and international communities in these and other disciplines. They serve on prominent nationally and internationally recognized governing boards, and as university presidents and vice presidents.

Students receive instruction in the diverse cultures and content areas expressed by their languages of choice. The Department of Languages is committed to teaching the international significance of the primary target languages of French and Spanish, and stresses their importance as bases for communication particularly by peoples of color. All students considering a major in languages **must confer** with a departmental advisor as early as possible in their Xavier careers so that their curricula can be appropriately designed and will be inclusive of both skills and content courses.

Instructional Strategies

Instructors in the Department of Languages are committed to the incorporation of instructional technology, experiential learning, and inter-departmental collaboration. In addition to traditional classrooms, the Department of Languages offers instruction in electronic classrooms with multimedia facilities, computerized teaching laboratories, and seminar rooms for upper level classes. Many skills level courses feature Internet enhanced instruction, online homework, and instructor-developed multimedia programs.

The Languages faculty is composed of instructors from many cultural and ethnic backgrounds and nationalities. Because of the nature of language instruction, students are exposed to a diversity of cultures and perspectives both in the structure of their courses and in contact with their professors. Combining exciting and enriching instruction with the latest in classroom technology, our classes are small. Students receive close personal attention at all levels of instruction. By taking advantage of the many cultural resources of New Orleans and south Louisiana, students can participate in local and regional multicultural learning experiences involving language practice.

Placement and Credit Policy

Any student who has taken two or more years of French or Spanish courses in high school must take the Department Placement Exam. Test scores will be sent to the Department of Languages where appropriate placement levels will be determined according to the Placement chart below. **THE TEST MUST BE COMPLETED BEFORE THE STUDENT'S ARRIVAL AT THE UNIVERSITY.**

All students must take the Language Placement Exam prior to registering for a language course. Placement will be contingent upon their years of previous language study and the WebCAPE Placement score that corresponds to the student's test score, according to the following chart. Native speakers and students with 3 or more years of language study cannot register for the 1010 level of the language they have studied previously. The recommended level of entry is 2010 or above, since 2010 reviews all previous language study. These students may also enter 1090, which is a Conversation and Culture course that reviews basic grammatical and communicative skills in a cultural context. They may also enroll in the 1010-1020 sequence in a language they have not studied in high school.

Transfer students with previous language study at the 1020 level or above documented on the transcript may receive credit for 1010 in that language.

RECOMMENDED

Placement score	FREN or SPAN Placement	FREN or SPAN credit awarded
0-99	1010	
100-175	1020	1010
176-235	1090	1020
236-299	2010	1020
300-399	2020	2010
400 or higher	3000+ level	2020

Students will be required to complete at least one course at Xavier, at a level appropriate to the placement score with a grade of 'C' or better, before the preceding placement course credit of three hours is granted.

Since the choice of a language is closely tied to personal career goals and inclinations, the language faculty is prepared upon request to assist in the selection of that language. Students who have prior preparation in a language and who wish to continue study of the same language may also use Advanced Placement (AP), CLEP, and International Baccalaureate (IB) scores for credit and placement in upper-level courses. See "Credit by Examination" on the university web site for further details (<http://www.xula.edu/cas/credit.php>). Students with six hours of AP or CLEP credits in a language may use these credits as electives or to meet the Fundamentals Core requirement as well as for placement in upper-level language courses.

Note: Any exception to this policy requires written permission from the Languages Department Head.

Updates to this policy can be found at: http://www.xula.edu/cas/documents/lang_placement.pdf.

Majors and Minors

The Department of Languages offers majors and minors in French and Spanish, with additional study available in American Sign Language, Mandarin, Biblical Greek, Biblical Hebrew, and Latin . Ordinarily, the major requires 30 semester credit hours in the target language beyond 1010-1020; students who wish to begin a language major at the elementary level receive assistance from their advisors and other members of the department faculty in order to facilitate course planning leading to satisfactory completion of all necessary coursework in a timely fashion. Language majors and minors and other interested students have access to summer, semester, and year-abroad international study through the Center for Intercultural and International Programs (CIIP). All students are urged to take advantage of this opportunity. Most upper-level students and double majors in the department earn part of their required credits through immersion study in a country where their language of choice is spoken. These students return to Xavier with advanced-level language skills, as determined by the Oral Proficiency Interview (OPI) examination developed by the American Council on the Teaching of Foreign Languages (ACTFL).

Eighteen hours of major courses and nine hours of minor courses must be completed at Xavier unless the student obtains permission from the department head and the Dean of the College of Arts and Sciences. Students interested in majoring or minoring in a language and studying abroad **must** have a language advisor and **must** consult with that advisor prior to entering the program of study or registering for international coursework. All students should take at least one literature course either before or during foreign study. Majors are required to complete at least four literature courses, to attend all departmental meetings, and to pass a comprehensive examination in the target language. This comprehensive examination contains literary topics on European, Latin American, and African texts, as appropriate to language and course selection.

Concentration in Languages - Students desiring a double concentration in languages must complete 12 hours in each of two languages (24 hours total) or in a language and another discipline. Recommended courses for a 12-hour concentration in

languages include the following: 1090, 2010-2020, and one 3000 or 4000 level course, or 12 hours of all upper level courses, depending on the student's level of performance.

Language Department Policy

1. Because the Department of Languages Placement Policy clearly states that native speakers and students with 3 or more years of language study cannot register for the 1010 level of the language they have studied previously, the recommended level of entry is 2010 or above, since 2010 reviews all previous language study, the Department of Languages does not recognize course credit for native speakers who take elementary level courses in their native language. Native and non-native speakers cannot register for any classes below their placement level.
2. All language students **MUST** have an advisor in the Department of Languages and **MUST NOT** self advise. Language students must meet with their advisors prior to registration and pre-registration periods and particularly prior to study abroad to insure that they are progressing appropriately toward their desired degrees.
3. Upper-level language students by placement credit or who have completed the intermediate level must not register for lower level language courses, except for 1090 and 2020, and then only with special written permission. Other than the ones mentioned above, lower level courses taken by upper level students will not count toward the pursuit of any degree and will negate student eligibility for membership into the International Foreign Language Honor Society.

The programs of the Department of Languages open the doors to other cultures and offer many exciting options for future professional development, giving students access to a rainbow of communities and civilizations. Department graduates take their rightful places as world citizens who contribute to the complex and challenging global economy of the 21st century.

Major

Foreign Language Education (Grades K-12) (French or Spanish Education), B.A.

French or Spanish Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- FREN 1010 - Elementary French
or
- FREN 1020 - Elementary French
or
- FREN 2010 - Intermediate French

- SPAN 1010 - Elementary Spanish
or
- SPAN 1020 - Elementary Spanish
or
- SPAN 2010 - Intermediate Spanish

- EDUC 1000 - Teacher Prep ***

- BIOL 1030 - General Biology (Non-science majors)
- BIOL 1030L - General Biology Lab (Non-science majors)
- Communication Studies Essential Core 3
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- FREN 1020 - Elementary French
or
- FREN 2010 - Intermediate French
or
- FREN 2020 - Intermediate French
- SPAN 1020 - Elementary Spanish
or
- SPAN 2010 - Intermediate Spanish
or
- SPAN 2020 - Intermediate Spanish
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I
- History Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- FREN 2010 - Intermediate French
or
- FREN 3001 - Advanced Grammar and Composition
or
- FREN 2020 - Intermediate French and
- FREN 3000-level course

- SPAN 2010 - Intermediate Spanish
or
- SPAN 3001 - Advanced Grammar and Composition
or
- SPAN 2020 - Intermediate Spanish and
- SPAN 3000-level course

- EDUC 2025 - Child Psychology
- EDUC 2044 - Methods of Classroom Organization and Management
- ENGL 2010 - Introduction to World Literature I
- Free Elective 2
- Theology Essential Core 3

Semester Hours: 17

Second Semester

- FREN 2020 - Intermediate French
or
- FREN 3002 - Advanced Grammar and Composition
or
- FREN 2020 - Intermediate French and
- FREN 3000-level course

- SPAN 2020 - Intermediate Spanish
or
- SPAN 3002 - Advanced Grammar and Composition
or
- SPAN 2020 - Intermediate Spanish and
- SPAN 3000-level course

- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education
- African American and Diaspora Studies Essential Core 3
- ENGL 2020 - Introduction to World Literature II

Semester Hours: 15

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

Option One

THE FOLLOWING JUNIOR YEAR CURRICULUM IS **REQUIRED** FOR ALL FRENCH EDUCATION MAJORS. SPANISH EDUCATION MAJORS MAY ALSO OPT FOR THIS JUNIOR YEAR CURRICULUM.

First Semester

- FREN or SPAN (see advisor) Study Abroad 12
- EDUC 3040 - Educational Psychology Essential Core

Semester Hours: 15

Second Semester

- FREN 4050 - Internship
or
- FREN 4051 - Special Topics in French

- SPAN 4050 - Internship
or
- SPAN 4051 - Special Topics in Spanish

- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Expansive Core 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 15

Option Two

THE FOLLOWING JUNIOR YEAR CURRICULUM IS FOR SPANISH EDUCATION MAJORS WHO **DO NOT** ELECT THE STUDY ABROAD OPTION ABOVE.

First Semester

- SPAN 3001 - Advanced Grammar and Composition
- SPAN 3011 - Advanced Conversation
- EDUC 3040 - Educational Psychology
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- SPAN 3002 - Advanced Grammar and Composition

- or
- SPAN Elective

- SPAN 3012 - Advanced Conversation
- or
- SPAN Elective

- SPAN 4051 - Special Topics in Spanish
- or
- SPAN 4052 - Special Topics in Spanish

- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Expansive Core 3

Semester Hours: 15

Senior Year

First Semester

- FREN 4033 - Directed Readings in French
- or
- FREN 4043 - Directed Readings in French
- or
- FREN 4051 - Special Topics in French
- or
- FREN 4052 - Special Topics in French

- SPAN 4033 - Directed Readings in Spanish
- or
- SPAN 4043 - Directed Readings in Spanish
- or
- SPAN 4051 - Special Topics in Spanish
- or
- SPAN 4052 - Special Topics in Spanish

- FREN 4080 - Foreign Language Teaching Methodology
- or
- SPAN 4080 - Foreign Language Teaching Methodology

- FREN or SPAN Elective 3

- FREN 4999 - Senior Comprehensives
- or
- SPAN 4999 - Senior Comprehensives

- EDSC 3023 - Special Methods

- BIOL, CHEM, IPSC, or PHYS Expansive Core (recommended) 3
- PHIL 3250 - Philosophy of Science

Semester Hours: 18

Second Semester

- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar
- Free Elective 3

Semester Hours: 15

Summary: Program in Foreign Language Education (Grades K-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6, FREN 1010-FREN 1020 or SPAN 1010-SPAN 1020)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 30 **

- FREN 1010 - Elementary French
- FREN 1020 - Elementary French
- or
- FREN 1020 - Elementary French
- FREN 2010 - Intermediate French
- or
- FREN 2010 - Intermediate French
- FREN 2020 - Intermediate French

- SPAN 1010 - Elementary Spanish
- SPAN 1020 - Elementary Spanish
- or
- SPAN 1020 - Elementary Spanish

- SPAN 2010 - Intermediate Spanish
- or
- SPAN 2010 - Intermediate Spanish
- SPAN 2020 - Intermediate Spanish

- FREN 2010 - Intermediate French
- FREN 2020 - Intermediate French
- or
- FREN 3010 - French Medieval and Renaissance Literature
- FREN 3020
- or
- FREN 2020 - Intermediate French
- FREN 3000-level

- SPAN 2010 - Intermediate Spanish
- SPAN 2020 - Intermediate Spanish
- or
- SPAN 3010 - Readings in Spanish American Literature
- SPAN 3020
- or
- SPAN 2020 - Intermediate Spanish
- SPAN 3000-level

- FREN/SPAN (12) (Study Abroad option)

- FREN 4050 - Internship
- or
- SPAN 4050 - Internship

- FREN 4051 - Special Topics in French
- or
- SPAN 4051 - Special Topics in Spanish
- or
- SPAN 3001 - Advanced Grammar and Composition (Study at Xavier option)
- SPAN 3002 - Advanced Grammar and Composition (Study at Xavier option)
- or
- Elective (6)
- SPAN 3011 - Advanced Conversation
- SPAN 3012 - Advanced Conversation
- or
- Elective (6)

- SPAN 4051 - Special Topics in Spanish
- or
- SPAN 4052 - Special Topics in Spanish

- FREN 4033 - Directed Readings in French
- FREN 4043 - Directed Readings in French
- or
- FREN 4051 - Special Topics in French

- FREN 4052 - Special Topics in French
or
- SPAN 4033 - Directed Readings in Spanish
- SPAN 4043 - Directed Readings in Spanish
or
- SPAN 4051 - Special Topics in Spanish
- SPAN 4052 - Special Topics in Spanish

- FREN 4080 - Foreign Language Teaching Methodology
or
- SPAN 4080 - Foreign Language Teaching Methodology

- FREN or SPAN Elective (3)

- FREN 4999 - Senior Comprehensives
or
- SPAN 4999 - Senior Comprehensives

Education: 30

- EDSC 3023 - Special Methods
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2025 - Child Psychology
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

Other Required Courses: 3 **

- ENGL 2020 - Introduction to World Literature II

Free Electives: 5

Total Hours: 128

*Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

French or Spanish, B.A.

Freshman Year

First Semester

- FREN 1010 - Elementary French
or
- SPAN 1010 - Elementary Spanish
or
- FREN 1020 - Elementary French
or
- SPAN 1020 - Elementary Spanish
or
- FREN 1090 - Conversation and Culture
or
- SPAN 1090 - Conversation and Culture
or
- FREN 2010 - Intermediate French
or
- SPAN 2010 - Intermediate Spanish
or
- FREN 2020 - Intermediate French
or
- SPAN 2020 - Intermediate Spanish

- Communication Studies Essential Core 3

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core/Mathematics 3
- History Essential Core 3

Semester Hours: 16

Second Semester

- FREN 1010 - Elementary French
or
- SPAN 1010 - Elementary Spanish
or
- FREN 1020 - Elementary French
or

- SPAN 1020 - Elementary Spanish
or
- FREN 1090 - Conversation and Culture
or
- SPAN 1090 - Conversation and Culture
or
- FREN 2010 - Intermediate French
or
- SPAN 2010 - Intermediate Spanish
or
- FREN 2020 - Intermediate French
or
- SPAN 2020 - Intermediate Spanish

- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- Mathematics Fundamental Core/Mathematics 3
- Physical Education (activity course) Essential Core 1
- Social Science Essential Core 3
- Theology Essential Core 3

Semester Hours: 17

Sophomore Year

First Semester

- FREN 1090 - Conversation and Culture
or
- SPAN 1090 - Conversation and Culture
or
- FREN 2010 - Intermediate French
or
- SPAN 2010 - Intermediate Spanish
or
- FREN 2020 - Intermediate French
or
- SPAN 2020 - Intermediate Spanish
or
- FREN 3001 - Advanced Grammar and Composition
or
- SPAN 3001 - Advanced Grammar and Composition
or
- FREN 3002 - Advanced Grammar and Composition
or
- SPAN 3002 - Advanced Grammar and Composition
or
- other 3000 or 4000 level course

- African American and Diaspora Studies Essential Core 3
- ENGL 2010 - Introduction to World Literature I
or
- ENGL 2020 - Introduction to World Literature II
or
- Other ENGL or writing course 3
- Minor 3
- Natural Science (with lab) Fundamental/Essential Core 3
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- FREN 1090 - Conversation and Culture
or
- SPAN 1090 - Conversation and Culture
or
- FREN 2010 - Intermediate French
or
- SPAN 2010 - Intermediate Spanish
or
- FREN 2020 - Intermediate French
or
- SPAN 2020 - Intermediate Spanish
or
- FREN 3001 - Advanced Grammar and Composition
or
- SPAN 3001 - Advanced Grammar and Composition
or
- FREN 3002 - Advanced Grammar and Composition
or
- SPAN 3002 - Advanced Grammar and Composition
or
- other 3000 or 4000 level course
- ENGL 2010 - Introduction to World Literature I
or
- ENGL 2020 - Introduction to World Literature II
or
- Other ENGL or writing course 3
- Fine Arts Essential Core 3
- Minor 3
- Natural Science (with lab) Fundamental/Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 18

Junior Year

With Study Abroad

First Semester

- FREN or SPAN (see advisor) Study Abroad 12
- Free Electives 4

Semester Hours: 16

Second Semester

- Expansive Core 3
- Free Electives 6
- Minor 6
- Philosophy Essential Core 3

Semester Hours: 18

Without Study Abroad

First Semester

- FREN 3001 - Advanced Grammar and Composition
or
- SPAN 3001 - Advanced Grammar and Composition
or
- FREN 3002 - Advanced Grammar and Composition
or
- SPAN 3002 - Advanced Grammar and Composition
and/or
- FREN 3011 - Advanced Conversation
or
- SPAN 3011 - Advanced Conversation
or
- FREN 3012 - Advanced Conversation
or
- SPAN 3012 - Advanced Conversation
or
- Literature Elective 3

- FREN or SPAN Literature Electives 3
- Expansive Core 3

- Free Electives 6
- Minor 3

Semester Hours: 18

Second Semester

- FREN 3001 - Advanced Grammar and Composition
or
- SPAN 3001 - Advanced Grammar and Composition
or
- FREN 3002 - Advanced Grammar and Composition
or
- SPAN 3002 - Advanced Grammar and Composition
and/or
- FREN 3011 - Advanced Conversation
or
- SPAN 3011 - Advanced Conversation
or
- FREN 3012 - Advanced Conversation
or
- SPAN 3012 - Advanced Conversation
or
- Literature Elective 3
- FREN or SPAN Literature Electives 3
- Free Electives 4
- Minor 3
- Philosophy Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- FREN 4053 - Introduction to Literary Criticism of Spanish, Hispanic, American, French, and Francophone Literature.
or
- SPAN 4053 - Introduction to Literary Criticism of Spanish, Hispanic, American, French, and Francophone Literature
or
- Literature Elective 3
- FREN or SPAN Literature Electives 3
- Expansive Core 3
- Minor 3

Semester Hours: 12

Second Semester

- FREN 4050 - Internship
or
- SPAN 4050 - Internship
or
- Literature Elective 3

- FREN or SPAN Literature Electives 3

- FREN 4999 - Senior Comprehensives
or
- SPAN 4999 - Senior Comprehensives

- Free Electives 4
- Minor 3

Semester Hours: 13

Summary: Program in French or Spanish

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6, FREN 1010 or SPAN 1010-FREN 1020 or SPAN 1020 or other)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 36 *

- FREN 1010 - Elementary French
- FREN 1020 - Elementary French
- FREN 1090 - Conversation and Culture
and/or
- SPAN 1010 - Elementary Spanish
- SPAN 1020 - Elementary Spanish
- SPAN 1090 - Conversation and Culture

- FREN 2010 - Intermediate French

- FREN 2020 - Intermediate French
and/or
- SPAN 2010 - Intermediate Spanish
- SPAN 2020 - Intermediate Spanish
or
- FREN 3001 - Advanced Grammar and Composition
- FREN 3002 - Advanced Grammar and Composition
and/or
- SPAN 3001 - Advanced Grammar and Composition
- SPAN 3002 - Advanced Grammar and Composition
or
- FREN 3011 - Advanced Conversation
- FREN 3012 - Advanced Conversation
and/or
- SPAN 3011 - Advanced Conversation
- SPAN 3012 - Advanced Conversation

Study Abroad option:

- FREN/SPAN (12)

OR

Study at Xavier option:

- FREN 3001 - Advanced Grammar and Composition
- FREN 3002 - Advanced Grammar and Composition
and/or
- SPAN 3001 - Advanced Grammar and Composition
- SPAN 3002 - Advanced Grammar and Composition
and/or
- FREN 3011 - Advanced Conversation
- FREN 3012 - Advanced Conversation
and/or
- SPAN 3011 - Advanced Conversation
- SPAN 3012 - Advanced Conversation
and/or
- FREN/SPAN Literature Electives (6)

- FREN 4050 - Internship
or
- SPAN 4050 - Internship
or
- FREN/SPAN Literature Elective (3)

- FREN 4053 - Introduction to Literary Criticism of Spanish, Hispanic, American, French, and Francophone Literature.
or

- SPAN 4053 - Introduction to Literary Criticism of Spanish, Hispanic, American, French, and Francophone Literature
or
- Elective (3)
- FREN/SPAN Literature Electives (6)
- FREN 4999 - Senior Comprehensives
or
- SPAN 4999 - Senior Comprehensives

Department Requirements:

- ENGL 2020 - Introduction to World Literature II
or
- other ENGL or writing course (3)
- MATH Elective (3)

Minor: 18

Free Electives: 14

Total Hours: 128

*Includes hours already counted in core and/or required courses from other disciplines.

Minor

French Minor

Students are required to complete eighteen hours of courses in French, six hours of which must be at the 3000 level or above and should include a course on literature. Nine hours of minor courses must be completed at Xavier unless the student obtains permission from the department head and the Dean of the College of Arts and Sciences.

Spanish Minor

Students are required to complete eighteen hours of courses in Spanish, six hours of which must be at the 3000 level or above and should include a course on literature. Nine hours of minor courses must be completed at Xavier unless the student obtains permission from the department head and the Dean of the College of Arts and Sciences.

Department of Music

Division of Fine Arts and Humanities

Blanche Francis Music Building Room 116 - (504) 520-7597 - <http://www.xula.edu/music>

The programs in the Department of Music have as their objective the preparation of qualified students to make effective and meaningful contributions to the discipline of music performance, and/or the teaching of music, and/or music scholarship. This preparation is accomplished through training in the classroom, the studio, through music technology and through actual performance venues. The objective of each program is to provide a foundation for further study and to help develop the musical skills required for a career as a musician - musician teacher, musician-artist, and the liberally educated musician.

Courses of Study

The Music Department offers two degrees: Bachelor of Arts (B.A.) and Bachelor of Music (B.M.). There are three courses of study. One leads to the B.A. and two lead to the B.M.

Bachelor of Arts - In the course of study leading to the Bachelor of Arts Degree, there is a broad coverage of the discipline of music that is designed to foster cross-disciplinary thinking and creativity. Emphasis is placed on the literature and theory of music, the ability to perform well in a major applied medium, and a strong intellectual grasp of the art of music and its relationship to other disciplines.

Performance - The Bachelor of Music degree is available to those students who demonstrate the musicianship and technical proficiency necessary for a concentration in vocal or instrumental performance. Students will be officially admitted into this Music Performance degree program *only after they have successfully passed an audition for the music faculty, normally at the end of the sophomore year.*

Music Education - A major in Music Education is offered in a program designed to prepare teachers of school music and leads to a Bachelor of Music degree. Observation and teaching experiences are required and are made possible with the assistance of cooperating teachers in local public and private schools. Official admission to the Teacher Education Program is granted according to the procedures outlined by the Division of Education and Counseling (See Education and Counseling Section).

General Regulations

1. All potential Music majors must pass an audition by members of the Music faculty before being officially accepted into the Department.
2. All Music majors must see their academic advisor or the Music department head at the opening of each semester to obtain approval of their proposed course schedules.
3. Music majors must maintain *an average grade* of not less than a "B" in their major applied area, and not less than a "C" in all other music courses required for the completion of their specific degree program. Students who do not satisfy these requirements may be dismissed from the department by vote of the Music faculty.
4. Students taking the freshman year Music Theory Lecture and Lab courses (MUST 1030 and MUST 1040) must pass them with a grade of no less than a "C." Students achieving a lower grade in either of these courses will be required to take the course over.
5. Sophomore Proficiency Exams in Music: All Music majors must pass a sophomore level music reading/theory proficiency examination before enrolling in 3000 and 4000 level music theory courses. This exam is administered at the end of each spring semester.
6. Functional Piano Exam: All Music majors who are not majoring in piano are required to take **three consecutive semesters of applied piano study**. Following this series of studies, non-piano Music majors will be required to pass a departmental Functional Piano Exam to determine functional proficiency in the use of the piano within their musical study and chosen areas of study.
7. Conducting/Piano Proficiency Exam: Music Education majors must pass a piano proficiency test and a conducting proficiency examination **before they will be permitted to do their teaching internship (Student Teaching)**.
8. All Music Majors must pass a Music Technology Exam before being allowed to register for senior level coursework. This exam will be administered in the spring of the junior year to determine the student's proficiency in using music-related hardware and software.

9. Music Department Senior Comprehensive Exams: All Music Liberal Arts majors must take the Music Department Senior Comprehensive Exam. This is an extensive examination which consists of three sections:
 - **Section I** is a written comprehensive on Music History and Theory. (All Music Liberal Arts majors are required to take this portion of the Exam.) It will be administered at the beginning of each spring semester.
 - **Section II** is an oral examination. For students giving a recital in fulfillment of Section II, this exam is given during the Recital Jury on the music and historical aspects of the proposed program. Other Music Liberal Arts majors will be assigned a topic for oral examination. The questions in this section will be pre-assigned by five members of the full-time faculty.
 - **Section III** of the Music Comprehensive Exam involves an option where the Music Liberal Arts major may choose either to give a Senior Recital or to give a seminar/document presentation on a topic that has been supervised by a music faculty member. The study for the seminar/document presentation must have been pre-approved by the department head. Approval for the final presentation will be given by the head after consultation with the supervising faculty member.
10. Praxis Exam: Music Education majors must pass the music portion of the Praxis Exam or pass the Music Department Senior Comprehensive Exam before becoming eligible for graduation.

Ensemble Participation Requirements

1. Every full-time music major is required to participate in one of the primary performing ensembles each semester he/she is in residence **even if he/she has obtained the required hours in ensembles necessary to graduate.**
2. Music scholarship recipients are required to participate in at least two ensembles (a large and a small) each semester.
3. The University Chorus and the Symphonic Band are the primary (large) vocal and instrumental ensembles. All instrumental majors must satisfy their prescribed ensemble requirement in the Symphonic Band and all Vocal and Piano majors must satisfy their prescribed ensemble requirement in the University Chorus.
4. All instrumental and piano majors are required to have experience in a vocal ensemble. It is strongly urged that all instrumental majors participate for two semesters in the University Chorus. However, approval may be given by the department head to allow a student to participate in other vocal ensembles or to take private or class voice lessons.
5. Since ensemble participation is a departmental, rather than a University requirement, the music department reserves the right to waive the required number of ensemble hours in special cases and to approve substitutions for primary ensemble requirements.

Recitals

1. All students in the Music Performance program must present both a Junior Recital and a Senior Recital. Other majors are encouraged to give Junior and/or Senior recitals if they are deemed capable to do so.
2. Students in Music Education are not required to present a recital for graduation. However, all who can present a recital are urged to do so.
3. Four to six weeks prior to the date chosen for a departmentally-sponsored recital, the student must perform the proposed program before a jury of the faculty. The quality of the performance should convince the jury that the recital will be representative of the student's degree program. **Only with the approval of the jury may the recital be presented. The applied instructor must be present for both hearing and recital.**

Recital Class

1. Every music major is required to perform in Recital Class at least once each semester on their major applied instrument; therefore, every full-time music major must register for recital class each semester of matriculation.
2. At the discretion of the major applied music teacher, freshmen and transfer students may be exempt from the above requirement only in their first semester of study.
3. Additional performance requirements for recital class may be established by the individual applied music instructor.

Applied Music Studies

1. All music majors are required to take at least one hour of applied music in their major applied area each semester that they are in matriculation as full-time music students. This requirement holds even if the student has completed the number of applied hours prescribed in his/her individual program.
2. Students are expected to make continuous progress in their major applied area in order to reach a level of proficiency that will be monitored by the entire music faculty, area juries, and the individual instructor. Failure to reach and/or maintain a level of applied performance proficiency, as determined by the music faculty, could result in dismissal from the Music Department.

Honors in Music Theory

Students who are eligible for this honor are music majors who have completed 20 hours in music theory with a minimum GPA in theory of 3.5 by the first half of the senior year. The student who elects to complete this program must apply to the department head who will review that student's record, give final approval for admission into the program, and assist the student in obtaining a faculty member to supervise the final project. In the final semester of the senior year, the student must register for MUST 4500H, complete one of the three honors theory projects prescribed for this course, and receive a pass endorsement from the theory faculty who will give the final evaluation of the student's project.

Major

Music Education Instrumental or Vocal Supervision, B.M.

Music Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- MUAP Applied Major Applied Study 2
- MUAP Applied Piano 1

- MUEN 1310U - University Chorus
or
- MUEN 1910S - Symphonic Band

- MURE 1070A - Recital Class
- MUSH 1050 - Introduction to Music History and Literature I
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- EDUC 1000 - Teacher Prep

- ENGL 1000 - Intensive English Composition and Rhetoric
or

- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- MATH 1010 - Principles of Modern Mathematics

Semester Hours: 18

Second Semester

- MUAP Applied Major Applied Study 2
- MUAP Applied Piano I
- MUEN 1320U - University Chorus
or
- MUEN 1920S - Symphonic Band
- MURE 1070B - Recital Class
- MUSH 1070 - Introduction to Music History and Literature II
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I

Semester Hours: 18

Sophomore Year

First Semester

- MUAP Applied Major Applied Study 2
- MUAP Applied Piano Secondary Piano I
- MUEN 2310U - University Chorus
or
- MUEN 2910S - Symphonic Band
- MURE 2070A - Recital Class
- MUSM 2010 - Foundations in Functional Musicianship I - Voice and Percussion
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- MUME 2044 - Classroom Management & Rehearsal Organization
- ENGL 2010 - Introduction to World Literature I

Semester Hours: 15

Second Semester

- MUAP Applied Major Applied Study 2
- MUAP Applied Piano Secondary Piano 0

- MUEN 2320U - University Chorus
or
- MUEN 2920S - Symphonic Band

- MURE 2070B - Recital Class
- MUSM 2020 - Foundations in Functional Musicianship II - Woodwinds and Brass
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2200 - Multicultural Education
- Philosophy Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- MUAP Applied Major Applied Study 2
- MUEN 3331xx - Chamber Ensemble
- MUEN 3351O - Opera Workshop
or
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble
- MUEN 3370C - Contemporary Group
- MUEN 3331xx - Chamber Ensemble

- MURE 3070A - Recital Class
- MUSM 2180 - Elementary Conducting
- MUSM 3010 - Foundations in Functional Musicianship III - Strings and Guitar
- MUME 3023 - Special Methods
- EDUC 2025 - Child Psychology
- African American and Diaspora Studies Essential Core 3
- History Essential Core 3

Semester Hours: 18

Second Semester

- MUAP Applied Major Applied Study 1
- MUEN 3331xx - Chamber Ensemble
- MUEN 3351O - Opera Workshop
or
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble
- MUEN 3370C - Contemporary Group
- MUEN 3331xx - Chamber Ensemble

- MUME 3021A - Methods of Teaching Music K-8
or
- MUME 3021B - Methods of Teaching Music 9-12

- MURE 3070B - Recital Class
- MUSM 3180 - Advanced Conducting
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUST 3090 - Orchestration
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Theology Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- CMST 1010 - Fundamentals of Public Speaking
- PHIL 3250 - Philosophy of Science
- PHYS 1530 - How Things Work
- MURE 4070A - Recital Class
- Theology Essential Core 3
- EDUC 3040 - Educational Psychology
- BIOL 1030 - General Biology (Non-science majors) Fundamental Core
- BIOL 1030L - General Biology Lab (Non-science majors) Fundamental Core
- Social Science 0

Semester Hours: 18

Second Semester

- MURE 4070B - Recital Class
- MUME 4061T - Student Teaching in Music
- EDSC 4150 - Teaching Reading in the Content Areas
- MUME 4060S - Student Teaching Seminar 0
- Social Science 3

Semester Hours: 15

Summary: Program in Music Education Instrumental Or Vocal Supervision

Fundamental Core: 12

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, MUSH 1050), History (3), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major**: 64

- MUAP Major Applied Study (11)
- MUAP Applied Piano (3)
- MUEN 1310U - University Chorus
- MUEN 1320U - University Chorus
or
- MUEN 1910S - Symphonic Band
- MUEN 1920S - Symphonic Band
- MUEN 2310U - University Chorus
- MUEN 2320U - University Chorus
or
- MUEN 2910S - Symphonic Band
- MUEN 2920S - Symphonic Band
or
- MUEN 3370C - Contemporary Group
- MUEN 3351O - Opera Workshop
or
- MUEN 3331xx - Chamber Ensemble
- MUEN 3331xx - Chamber Ensemble

- MUEN 3331xx - Chamber Ensemble
- MUME 3021
- MUME 3023 - Special Methods
- MUME 2044 - Classroom Management & Rehearsal Organization
- MUME 4061T - Student Teaching in Music
- MURE 1070A - Recital Class
- MURE 1070B - Recital Class
- MURE 2070A - Recital Class
- MURE 2070B - Recital Class
- MURE 3070A - Recital Class
- MURE 3070B - Recital Class
- MURE 4070A - Recital Class
- MURE 4070B - Recital Class
- MUSH 1070 - Introduction to Music History and Literature II
- MUSM 2010 - Foundations in Functional Musicianship I - Voice and Percussion
- MUSM 2020 - Foundations in Functional Musicianship II - Woodwinds and Brass
- MUSM 2180 - Elementary Conducting
- MUSM 3010 - Foundations in Functional Musicianship III - Strings and Guitar
- MUSM 3180 - Advanced Conducting
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- MUST 3090 - Orchestration

Education: 18

- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2025 - Child Psychology
- EDUC 2200 - Multicultural Education
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- MUME 4060S
- EDUC 4090 - Adolescent Psychology

Total Hours: 136

*Teacher certification standards require 3 hours in BIOL, CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

Music Liberal Arts, B.A.

Freshman Year

First Semester

- MUAP Applied Major Applied Study 2
- MUEN Ensemble Ensemble: Vocal/Instrumental Req 1
- MURE 1070A - Recital Class
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core 3

Total Credits: 14

Second Semester

- MUAP Applied Major Applied Study 2
- MUEN Ensemble Ensemble: Vocal/Instrumental Req 1
- MURE 1070B - Recital Class
- MUSH 1050 - Introduction to Music History and Literature I
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- Physical Education (activity course) Essential Core 1

Semester Hours: 15

Sophomore Year

First Semester

- MUAP Applied Major Applied Study 2
- MUEN Ensemble Ensemble: Vocal/Instrumental Req 1
- MURE 2070A - Recital Class
- MUSH 1070 - Introduction to Music History and Literature II
- MUSM 2180 - Elementary Conducting
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- Communication Studies Essential Core 3
- Natural Science (with lab) Fundamental/Essential Core 3

Semester Hours: 18

Second Semester

- MUAP Applied Major Applied Study 2
- MUEN Ensemble Ensemble: Vocal/Instrumental Req 1
- MURE 2070B - Recital Class
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- African American and Diaspora Studies Essential Core 3
- History Essential Core 3
- Natural Science (with lab) Fundamental/Essential Core 3

Semester Hours: 16

Junior Year

First Semester

- MUAP Applied Major Applied Study 2
- MUEN Ensemble Ensemble: Vocal/Instrumental Req 1
- MURE 3070A - Recital Class
- MUSH 2050 - Music History I
or
- MUSH 3050 - Music History III
- ENGL 2010 - Introduction to World Literature I
- Expansive Core 3
- Philosophy Essential Core 3
- Social Science Essential Core 3

Semester Hours: 18

Second Semester

- MUAP Applied Major Applied Study 2
- MUEN Ensemble Ensemble: Vocal/Instrumental Req 1
- MURE 3070B - Recital Class
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUST 3090 - Orchestration
- Expansive Core 3
- Minor 6
- Theology Essential Core 3

Semester Hours: 18

Senior Year

First Semester

- MUAP Applied Piano, Voice, or Instrument 2
- MUEN Ensemble Ensemble: Vocal/Instrument Req 1
- MURE 4070A - Recital Class
- MUST 3030 - Eighteenth Century Counterpoint
- MUST 4030 - Analytical Techniques I
- Minor 6
- Philosophy Essential Core 3

Semester Hours: 16

Second Semester

- MUAP Applied Piano, Voice, or Instrument 2
- MUEN Ensemble Ensemble: Vocal/Instrument Req 1
- MURE 4070B - Recital Class
- MUSH 2060 - Music History II
or
- MUSH 3060 - Music History IV
- MUSM 4999 - Senior Comprehensives
- MUST 3111 - Composition I
- Minor 6
- Theology Essential Core 3

Semester Hours: 17

Summary: Program in Music Liberal Arts (B.A.)

Fundamental Core: 12

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010 or MATH 1020), Natural Science (3)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, MUSH 1050), History (3), Natural Science (3), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 60

- MUAP Applied (16)
- MUEN Ensemble (8)
- MURE 1070A - Recital Class
- MURE 1070B - Recital Class
- MURE 2070A - Recital Class
- MURE 2070B - Recital Class
- MURE 3070A - Recital Class
- MURE 3070B - Recital Class
- MURE 4070A - Recital Class
- MURE 4070B - Recital Class
- MUSH 1050 - Introduction to Music History and Literature I
- MUSH 1070 - Introduction to Music History and Literature II

- MUSH 2050 - Music History I
or
- MUSH 3050 - Music History III

- MUSH 2060 - Music History II
or
- MUSH 3060 - Music History IV

- MUSM 2180 - Elementary Conducting
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUSM 4999 - Senior Comprehensives
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- MUST 3030 - Eighteenth Century Counterpoint
- MUST 3090 - Orchestration
- MUST 3111 - Composition I

- MUST 4030 - Analytical Techniques I

Minor: 18

Total Hours: 132

Music Performance - Piano, B.M.

Freshman Year

First Semester

- MUAP 1733xx - Private music instruction
- MUEN 1310U - University Chorus
- MURE 1070A - Recital Class
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- ENGL 1000 - Intensive English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core 3

Semester Hours: 15

Second Semester

- MUAP 1743xx - Private music instruction
- MUEN 1320U - University Chorus
- MURE 1070B - Recital Class
- MUSH 1050 - Introduction to Music History and Literature I
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II

- ENGL 1010 - English Composition and Rhetoric
or
- ENGL 1020 - English Composition and Literature

- FRSM 1100 - Freshman Seminar II

Semester Hours: 15

Sophomore Year

First Semester

- MUAP 2733xx - Private music instruction
- MUEN 2310U - University Chorus
- MURE 2070A - Recital Class
- MUSH 1070 - Introduction to Music History and Literature II
- MUSM 2180 - Elementary Conducting
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- Communication Studies Essential Core 3
- Physical Education (activity course) Essential Core 3

Semester Hours: 17

Second Semester

- MUAP 2743xx - Private music instruction
- MUEN 2320U - University Chorus
- MURE 2070B - Recital Class
- MUSM 3180 - Advanced Conducting
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- African American and Diaspora Studies Essential Core 3
- History Essential Core 3

Semester Hours: 16

Junior Year

First Semester

- MUAP 3733xx - Private music instruction
- MUEN Elective Ensemble Elective 1
- MURE 3070A - Recital Class
- MUSM 4270 - Piano Pedagogy and Literature I
- MUST 3030 - Eighteenth Century Counterpoint
- ENGL 2010 - Introduction to World Literature I
- Natural Science (with lab) Fundamental/Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 17

Second Semester

- MUAP 3743xx - Private music instruction
- MUEN Elective Ensemble Elective 1
- MURE 3000 - Junior Recital

- MURE 3070B - Recital Class
- MUSH 2050 - Music History I
or
- MUSH 2060 - Music History II
or
- MUSH 3050 - Music History III
or
- MUSH 3060 - Music History IV
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUSM 4280 - Piano Pedagogy and Literature II
- MUST 3090 - Orchestration
- Natural Science (with lab) Fundamental/Essential Core 3
- Theology Essential Core 3

Semester Hours: 18

Senior Year

First Semester

- MUAP 4834xx - Private music instruction
- MUEN Elective Ensemble Elective 1
- MURE 4070A - Recital Class
- MUST 4030 - Analytical Techniques I
- Expansive Core 3
- Philosophy Essential Core 3
- Social Science Essential Core 3

Semester Hours: 16

Second Semester

- MUAP 4844xx - Private music instruction
- MUEN Elective Ensemble Elective 1
- MURE 4000 - Senior Recital
- MURE 4070B - Recital Class
- MUST 3111 - Composition I
- MUST 4040 - Analytical Techniques II
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 15

Summary: Program in Music Performance - Piano

Fundamental Core: 12

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, MUSH 1050), History (3), Natural Science (3), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Music (Applied): 26

- MUAP 1733xx - Private music instruction
- MUAP 1743xx - Private music instruction
- MUAP 2733xx - Private music instruction
- MUAP 2743xx - Private music instruction
- MUAP 3733xx - Private music instruction
- MUAP 3743xx - Private music instruction
- MUAP 4834xx - Private music instruction
- MUAP 4844xx - Private music instruction

Music (Ensemble): 8

- MUEN 1310U - University Chorus
- MUEN 1320U - University Chorus
- MUEN 2310U - University Chorus
- MUEN 2320U - University Chorus
- MUEN Electives (4)

Music (History): 6 *

- MUSH 1050 - Introduction to Music History and Literature I
- MUSH 1070 - Introduction to Music History and Literature II

- MUSH 2050 - Music History I
or
- MUSH 2060 - Music History II
or
- MUSH 3050 - Music History III
or
- MUSH 3060 - Music History IV

Music (Musicianship): 35

- MURE 1070A - Recital Class
- MURE 1070B - Recital Class
- MURE 2070A - Recital Class
- MURE 2070B - Recital Class
- MURE 3000 - Junior Recital
- MURE 3070A - Recital Class
- MURE 3070B - Recital Class
- MURE 4000 - Senior Recital
- MURE 4070A - Recital Class
- MURE 4070B - Recital Class
- MUSM 2180 - Elementary Conducting
- MUSM 3180 - Advanced Conducting
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUSM 4270 - Piano Pedagogy and Literature I
- MUSM 4280 - Piano Pedagogy and Literature II
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- MUST 3030 - Eighteenth Century Counterpoint
- MUST 3090 - Orchestration
- MUST 3111 - Composition I
- MUST 4030 - Analytical Techniques I
- MUST 4040 - Analytical Techniques II

Total Hours: 129

Music Performance Instrumental (Major Applied), B.M.

Freshman Year

First Semester

- MUAP 1632xx - Private music instruction
- MUAP 1531xx - Private music instruction
- MUEN 1910S - Symphonic Band
- MURE 1070A - Recital Class
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I

- ENGL 1000 - Intensive English Composition and Rhetoric
or

- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core 3

Semester Hours: 15

Second Semester

- MUAP 1642xx - Private music instruction
- MUAP 1541xx - Private music instruction
- MUEN 1920S - Symphonic Band
- MURE 1070B - Recital Class
- MUSH 1050 - Introduction to Music History and Literature I
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II

Semester Hours: 15

Sophomore Year

First Semester

- MUAP 2632xx - Private music instruction
- MUAP 2531xx - Private music instruction
- MUEN 2910S - Symphonic Band
- MURE 2070A - Recital Class
- MUSH 1070 - Introduction to Music History and Literature II
- MUSM 2180 - Elementary Conducting
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- Communication Studies Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- MUAP 2642xx - Private music instruction
- MUAP 2541xx - Private music instruction
- MUEN 2920S - Symphonic Band
- MURE 2070B - Recital Class
- MUSM 3180 - Advanced Conducting
- MUST 2040 - Music Theory IV

- MUST 2040L - Music Theory Lab IV
- African American and Diaspora Studies Essential Core 3
- History Essential Core 3

Semester Hours: 16

Junior Year

First Semester

- MUAP 3733xx - Private music instruction
- MUEN 3910S - Symphonic Band
- MURE 3070A - Recital Class
- MUSM 4250 - Major Applied Instrument Pedagogy and Literature I
- MUST 3030 - Eighteenth Century Counterpoint
- ENGL 2010 - Introduction to World Literature I
- Natural Science (with lab) Fundamental/Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 17

Second Semester

- MUAP 3743xx - Private music instruction
- MUEN 3920S - Symphonic Band
- MURE 3000 - Junior Recital
- MURE 3070B - Recital Class
- MUSH 2050 - Music History I
or
- MUSH 2060 - Music History II
or
- MUSH 3050 - Music History III
or
- MUSH 3060 - Music History IV
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUSM 4260 - Major Applied Instrument Pedagogy and Literature II
- MUST 3090 - Orchestration
- Natural Science (with lab) Fundamental/Essential Core 3
- Theology Essential Core 3

Semester Hours: 18

Senior Year

First Semester

- MUAP 4834xx - Private music instruction
- MUEN 4910S - Symphonic Band
- MURE 4070A - Recital Class
- MUST 4030 - Analytical Techniques I
- Expansive Core 3
- Philosophy Essential Core 3
- Social Science Essential Core 3

Semester Hours: 16

Second Semester

- MUAP 4844xx - Private music instruction
- MUEN 4920S - Symphonic Band
- MURE 4000 - Senior Recital
- MURE 4070B - Recital Class
- MUST 3111 - Composition I
- MUST 4040 - Analytical Techniques II
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 15

Summary: Program in Music Performance Instrumental (Major Applied)

Fundamental Core: 12

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, MUSH 1050), History (3), Natural Science (3), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Music (Applied): 26

- MUAP 1531xx - Private music instruction
- MUAP 1541xx - Private music instruction
- MUAP 1632xx - Private music instruction
- MUAP 1642xx - Private music instruction

- MUAP 2531xx - Private music instruction
- MUAP 2541xx - Private music instruction
- MUAP 2632xx - Private music instruction
- MUAP 2642xx - Private music instruction
- MUAP 3733xx - Private music instruction
- MUAP 3743xx - Private music instruction
- MUAP 4834xx - Private music instruction
- MUAP 4844xx - Private music instruction

Music (Ensemble): 8

- MUEN 1910S - Symphonic Band
- MUEN 1920S - Symphonic Band
- MUEN 2910S - Symphonic Band
- MUEN 2920S - Symphonic Band
- MUEN 3910S - Symphonic Band
- MUEN 3920S - Symphonic Band
- MUEN 4910S - Symphonic Band
- MUEN 4920S - Symphonic Band

Music (History): 6

- MUSH 1050 - Introduction to Music History and Literature I
- MUSH 1070 - Introduction to Music History and Literature II
- MUSH 2050 - Music History I
or
- MUSH 2060 - Music History II
or
- MUSH 3050 - Music History III
or
- MUSH 3060 - Music History IV

Music (Musicianship): 35

- MURE 1070A - Recital Class
- MURE 1070B - Recital Class
- MURE 2070A - Recital Class
- MURE 2070B - Recital Class
- MURE 3000 - Junior Recital
- MURE 3070A - Recital Class
- MURE 3070B - Recital Class
- MURE 4000 - Senior Recital
- MURE 4070A - Recital Class
- MURE 4070B - Recital Class
- MUSM 2180 - Elementary Conducting
- MUSM 3180 - Advanced Conducting

- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUSM 4250 - Major Applied Instrument Pedagogy and Literature I
- MUSM 4260 - Major Applied Instrument Pedagogy and Literature II
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- MUST 3030 - Eighteenth Century Counterpoint
- MUST 3090 - Orchestration
- MUST 3111 - Composition I
- MUST 4030 - Analytical Techniques I
- MUST 4040 - Analytical Techniques II

Total Hours: 129

Music Performance Voice (Major Applied), B.M.

Freshman Year

First Semester

- MUAP 1632xx - Private music instruction
- MUAP 1531xx - Private music instruction
- MUEN 1310U - University Chorus
- MURE 1070A - Recital Class
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- ENGL 1000 - Intensive English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core 3

Semester Hours: 15

Second Semester

- MUAP 1642xx - Private music instruction
- MUAP 1541xx - Private music instruction
- MUEN 1320U - University Chorus
- MURE 1070B - Recital Class
- MUSH 1050 - Introduction to Music History and Literature I
- MUST 1040 - Music Theory II

- MUST 1040L - Music Theory Lab II
- ENGL 1010 - English Composition and Rhetoric
or
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II

Semester Hours: 15

Sophomore Year

First Semester

- MUAP 2632xx - Private music instruction
- MUAP 2531xx - Private music instruction
- MUEN 2310U - University Chorus
- MURE 2070A - Recital Class
- MUSH 1070 - Introduction to Music History and Literature II
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- FREN, GERM, or SPAN Foreign Language (2nd Year) 3 *
- Physical Education (activity course) Essential Core 1
- PSYC 1010 - Introductory Psychology

Semester Hours: 18

*Must be in same language as that studied in 1st year.

Second Semester

- MUAP 2642xx - Private music instruction
- MUAP 2541xx - Private music instruction
- MUEN 2320U - University Chorus
- MURE 2070B - Recital Class
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- Communication Studies Essential Core 3
- FREN, GERM, or SPAN Foreign Language (2nd Year) 3 *
- History Essential Core 3

Semester Hours: 17

*Must be in same language as that studied in 1st year.

Junior Year

First Semester

- MUAP 3733xx - Private music instruction
- MUEN 3310U - University Chorus
- MURE 3070A - Recital Class

- MUSM 1200 - Italian Diction
or
- MUSM 2200 - French Diction
or
- MUSM 3200 - German Diction

- MUSM 2180 - Elementary Conducting
- MUST 3030 - Eighteenth Century Counterpoint
- ENGL 2010 - Introduction to World Literature I
- Natural Science (with lab) Fundamental/Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 18

Second Semester

- MUAP 3743xx - Private music instruction
- MUEN 3320U - University Chorus
- MURE 3000 - Junior Recital
- MURE 3070B - Recital Class

- MUSH 2050 - Music History I
or
- MUSH 2060 - Music History II
or
- MUSH 3050 - Music History III
or
- MUSH 3060 - Music History IV

- MUSM 3180 - Advanced Conducting
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- Natural Science (with lab) Fundamental/Essential Core 3
- Theology Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- MUAP 4733xx - Private music instruction

- MUEN 4310U - University Chorus
- MURE 4070A - Recital Class
- MUSM 4210 - Vocal Pedagogy and Literature I
- MUST 4030 - Analytical Techniques I
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Philosophy Essential Core 3

Semester Hours: 17

Second Semester

- MUAP 4844xx - Private music instruction
- MUEN 4320U - University Chorus
- MURE 4000 - Senior Recital
- MURE 4070B - Recital Class
- MUSM 4220 - Vocal Pedagogy and Literature II
- MUST 3111 - Composition I
- MUST 4040 - Analytical Techniques II
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 17

Summary: Program in Music Performance Voice (Major Applied)

Fundamental Core: 12

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3, MUSH 1050), History (3), Natural Science (3), Philosophy (6), Physical Education (1, activity course), Social Science (3, PSYC 1010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Music (Applied): 25

- MUAP 1531xx - Private music instruction
- MUAP 1541xx - Private music instruction
- MUAP 1632xx - Private music instruction
- MUAP 1642xx - Private music instruction
- MUAP 2531xx - Private music instruction
- MUAP 2541xx - Private music instruction

- MUAP 2632xx - Private music instruction
- MUAP 2642xx - Private music instruction
- MUAP 3733xx - Private music instruction
- MUAP 3743xx - Private music instruction
- MUAP 4733xx - Private music instruction
- MUAP 4743xx - Private music instruction
- MUAP 4844xx - Private music instruction

Music (Ensemble): 8

- MUEN 1310U - University Chorus
- MUEN 1320U - University Chorus
- MUEN 2310U - University Chorus
- MUEN 2320U - University Chorus
- MUEN 3310U - University Chorus
- MUEN 3320U - University Chorus
- MUEN 4310U - University Chorus
- MUEN 4320U - University Chorus

Music (History): 6 *

- MUSH 1050 - Introduction to Music History and Literature I
- MUSH 1070 - Introduction to Music History and Literature II
- MUSH 2050 - Music History I
or
- MUSH 2060 - Music History II
or
- MUSH 3050 - Music History III
or
- MUSH 3060 - Music History IV

Music (Musicianship): 34

- MURE 1070A - Recital Class
- MURE 1070B - Recital Class
- MURE 2070A - Recital Class
- MURE 2070B - Recital Class
- MURE 3000 - Junior Recital
- MURE 3070A - Recital Class
- MURE 3070B - Recital Class
- MURE 4000 - Senior Recital
- MURE 4070A - Recital Class
- MURE 4070B - Recital Class
- MUSM 1200 - Italian Diction
or

- MUSM 2200 - French Diction
or
- MUSM 3200 - German Diction
- MUSM 2180 - Elementary Conducting
- MUSM 3180 - Advanced Conducting
- MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.
- MUSM 4210 - Vocal Pedagogy and Literature I
- MUSM 4220 - Vocal Pedagogy and Literature II
- MUST 1030 - Music Theory I
- MUST 1030L - Music Theory Lab I
- MUST 1040 - Music Theory II
- MUST 1040L - Music Theory Lab II
- MUST 2030 - Music Theory III
- MUST 2030L - Music Theory Lab III
- MUST 2040 - Music Theory IV
- MUST 2040L - Music Theory Lab IV
- MUST 3030 - Eighteenth Century Counterpoint
- MUST 3111 - Composition I
- MUST 4030 - Analytical Techniques I
- MUST 4040 - Analytical Techniques II

Other Required Courses: 6

FREN, GERM, or SPAN (2nd year in addition to Fundamental Core requirement)

Total Hours: 133

*Includes courses already counted in core and/or required courses from other disciplines.

Minor

Music Minor

A minor in music consists of no less than 18 hours in the music discipline. Fourteen of these hours are central to the minor and are therefore prescribed. The required courses for the minor are:

Required Courses

- MUST 1030 - Music Theory I
and
- MUST 1030L - Music Theory Lab I
- MUSH 1050 - Introduction to Music History and Literature I
and
- MUSH 1070 - Introduction to Music History and Literature II

- Major Applied Study 2 *
- Ensemble Membership 2 **

Note:

*Applied voice or instrument must be taken *for one semester hour credit in two different semesters.*

**Membership in a major ensemble must be taken *for one semester hour credit in two different semesters.*

Additional Hours

A minimum of four additional hours in the discipline of music are required in order to constitute a specific minor concentration. These additional hours must be obtained from the following:

- Music History (MUSH)
- Music Theory (MUST)
- Applied Voice or Instrument (MUAP)
- Membership in an Ensemble

Department of Philosophy

Division of Fine Arts and Humanities

Administration Building 321 - (504) 520-5406 - <http://www.xula.edu/philosophy/index.html>

The philosophy program is designed for students who plan to take an active leadership role in shaping a more just and humane society. Completing the philosophy major will (1) provide the student with knowledge of the philosophical themes and thinkers that have been influential in shaping contemporary culture, (2) increase the student's ability to think, speak, read, and write critically and effectively, and (3) increase the student's ability to approach value questions in a rational manner. These abilities will prepare the student for success in any career that requires rational thought and expression, such as teaching, law, business, management, journalism, and public service.

In order to accommodate a number of different career options, the curriculum has been designed to encourage students to pursue a second area of interest by means of a double major, a double concentration, a double minor, or a combination of related courses.

Honors in Philosophy - Students are eligible to graduate with an honors distinction in Philosophy. To do so, the student must complete a minimum of three Philosophy courses (9 credit hours) with an overall philosophy GPA of 3.3.

Major

Philosophy, B.A.

The requirements for a major in philosophy are: three courses in the history of philosophy (PHIL 2011, PHIL 2021, and PHIL 2031), one course in logic (PHIL 2040), one course in ethics (PHIL 2045, PHIL 2400, or PHIL 2410), a course in directed readings (philosophical author or topic of students' choice in consultation with the instructor), and five other three-hour courses in philosophy. Majors are required to pass a comprehensive examination and regular attendance at all Philosophy departmental meetings is required. In order for a philosophy course to be counted for degree credit, a student must earn a "C" or better.

For majors in philosophy, MATH 1020 is recommended to satisfy the core mathematics requirement, HIST 1030 is recommended to satisfy the core history requirement, and CMST 1010 is recommended to satisfy the core communication requirement. ENGL 2020 and an extra HIST course are recommended as free electives.

For those students who major in philosophy in preparation for graduate work in THEOLOGY, the course in Philosophy of Religion (PHIL 2270) is highly recommended.

For those students who are interested in LAW SCHOOL or are interested in learning more about the law, Philosophy of Law (PHIL 3260) is highly recommended.

For those students who are interested in PUBLIC POLICY or CIVIL SERVICE employment, the department offers great flexibility for pursuing a minor in Public Administration while at the same time enjoying 15 hours of free electives to help them improve their quantitative skills.

For those students interested in an MBA program (Master of Business Administration), the department offers courses for the development of a critical mind, problem solving skills, and a mature understanding of values. These students can minor in Business Administration and still take 15 hours of free electives to improve their quantitative skills.

Students interested in medical or dental school should begin work in the freshmen year on a chemistry minor and the other courses required by medical and dental schools.

Freshman Year

First Semester

- PHIL Elective Essential Core 3
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- Mathematics (MATH 1020 recommended) Fundamental Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 14

Second Semester

- PHIL Elective Essential Core 3
- Communication (CMST 1010 recommended) Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- History (HIST 1030 recommended) Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- PHIL 2011 - Ancient and Medieval Philosophy
- ENGL 2010 - Introduction to World Literature I
- Minor 3
- Natural Science (with lab) Fundamental Core 3
- Social Science Essential Core 3

Semester Hours: 15

Second Semester

- PHIL 2021 - Modern Philosophy
- PHIL 2040 - Logic
- Fine Arts Essential Core 3
- Minor 3
- Theology Essential Core 3

Semester Hours: 15

Junior Year

First Semester

- PHIL 2045 - Ethics: General Principles
or
- PHIL 2400 - Health Ethics
or
- PHIL 2410 - Business Ethics

- PHIL Elective Philosophy 3
- Free Electives (inclusion of ENGL 2020 recommended) 3
- Minor 3
- Natural Science Essential Core 3

Semester Hours: 15

Second Semester

- PHIL 2031 - 19th and 20th Century Philosophy
- African American and Diaspora Studies Essential Core 3
- Free Electives (inclusion of ENGL 2020 recommended) 3
- Expansive Core 3

- Minor 3

Semester Hours: 15

Senior Year

First Semester

- PHIL Electives Philosophy 6
- PHIL 4999 - Senior Comprehensives
- Free Electives 3
- Minor 3
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- PHIL 4003 - Directed Reading
- Expansive Core 3
- Free Electives 6
- Minor 3

Semester Hours: 15

Summary: Program in Philosophy

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1020 recommended), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3, CMST 1010 recommended), Fine Arts (3), History (3, HIST 1030 recommended), Natural Science (3), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 27

- 5 PHIL 1000-level or higher (9)
- PHIL 2011 - Ancient and Medieval Philosophy
- PHIL 2021 - Modern Philosophy

- PHIL 2031 - 19th and 20th Century Philosophy
- PHIL 2040 - Logic
- PHIL 2045 - Ethics: General Principles
or
- PHIL 2400 - Health Ethics
or
- PHIL 2410 - Business Ethics
- PHIL 4003 - Directed Reading
- PHIL 4999 - Senior Comprehensives

Minor: 18

Free Electives: 15

(ENGL 2020 and an extra HIST course are recommended)

Total Hours: 120

Minor

Philosophy Minor

The requirements for a minor in philosophy are: logic (PHIL 2040), one course in ethics (PHIL 2045, PHIL 2400, or PHIL 2410), and any additional four courses in philosophy. The department recommends that at least one of the additional four courses come from the history of philosophy sequence (PHIL 2011, PHIL 2021, PHIL 2031).

Department of Theology

Division of Fine Arts and Humanities

Administration Building 322 - (504) 520-5457 - <http://www.xula.edu/theology/index.html>

The Theology Program promotes a more just and humane society within the context of faith and theological reflection. It enables students to understand the discourse of the human experience of God by means of an historical critical approach.

Major - A Major in Theology challenges students to the universal call to actively engage in the transformation of society. Thus, students are prepared to assume positions of leadership in academia and/or professional life. In keeping with the call to transform society, the theology program prepares students for a variety of academic, professional and service opportunities.

The Theology program requires Theology majors to take THEO 1100, THEO 1120, THEO 1170, THEO 3010S, THEO 3020S, THEO 3012S and THEO 4999. In addition, majors must take 15 hours in any one of the following three areas: Fundamentals of Theology, Historical Theology, and Biblical Studies. They must also take 15 hours of Theology electives and a minimum of 12 hours of 3000/4000 level Theology courses.

Honors - Students are eligible to graduate with an honors distinction in Theology. To do so one must complete a minimum of any three Theology courses with a total of 9 credit hours and a grade of a "B" or higher in each of the courses.

Major

Theology, B.A.

A Major in Theology challenges students to the universal call to actively engage in the transformation of society. Thus, students are prepared to assume positions of leadership in academia and/or professional life. In keeping with the call to transform society, the theology program prepares students for a variety of academic, professional and service opportunities.

The Theology program requires Theology majors to take THEO 1100, THEO 1120, THEO 1170, THEO 3010S, THEO 3020S, THEO 3012S and THEO 4999. In addition, majors must take 15 hours in any one of the following three areas: Fundamentals of Theology, Historical Theology, and Biblical Studies. They must also take 15 hours of Theology electives and a minimum of 12 hours of 3000/4000 level Theology courses.

Freshman Year

First Semester

- THEO 1100 - The Christian Faith
- THEO 1120 - Introduction to Biblical Studies
- ENGL 1000 - Intensive English Composition and Rhetoric
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core 3

Semester Hours: 16

Second Semester

- THEO 1170 - Introduction to Theology
- ENGL 1010 - English Composition and Rhetoric
or
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- History Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 14

Sophomore Year

First Semester

- THEO Concentration/Electives Theology 6
- Communication Studies Essential Core 3
- ENGL 2010 - Introduction to World Literature I
- Natural Science (with lab) Fundamental/ Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 18

Second Semester

- THEO Concentration/Electives Theology 6
- ENGL 2020 - Introduction to World Literature II
- Fine Arts Essential Core 3
- Minor 3
- Natural Science (with lab) Fundamental/Essential Core 3

Semester Hours: 18

Junior Year

First Semester

- THEO Concentration/Electives Theology 9
- THEO 3010S - Seminar
- Free Electives 3
- Social Science Essential Core 3

Semester Hours: 16

Second Semester

- THEO Concentration/Electives Theology 3
- THEO 3020S - Seminar
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Minor 3
- Philosophy Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- THEO Concentration/Electives Theology 3
- THEO 3012S - Seminar: Research and Presentation Methods in Theology
- Free Electives 6
- Minor 6

Semester Hours: 16

Second Semester

- THEO Concentration/Electives Theology 3
- THEO 4999 - Senior Comprehensives
- Expansive Core 3
- Free Electives 2
- Minor 6

Semester Hours: 14

Summary: Program in Theology

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 39

- THEO 1100 - The Christian Faith
- THEO 1120 - Introduction to Biblical Studies
- THEO 1170 - Introduction to Theology
- THEO 3010S - Seminar
- THEO 3012S - Seminar: Research and Presentation Methods in Theology
- THEO 3020S - Seminar
- THEO concentration (9) *
- THEO electives (15)
- THEO 4999 - Senior Comprehensives
- ENGL 2020 - Introduction to World Literature II

Minor: 18

Free Electives: 11

Total Hours: 128

*These 15 hours must be taken in any one of the following three areas: Fundamentals of Theology, Historical Theology, and Biblical Studies.

Minor

Theology Minor

The Minor in Theology consists of 18 hours of Theology courses. The requirements for the minor are: THEO 1120, one of THEO 1100/THEO 1170, and any four (4) upper level Theology courses. Students who wish to take electives in Theology after the Core requirement has been fulfilled may register for courses on any level.

Division of Mathematical and Physical Sciences

Division of Mathematical and Physical Sciences

The Division of Mathematical and Physical Sciences (MAPS) is the largest division on campus and consists of the Departments of Chemistry, Computer Science, Mathematics, Physics, and the Dual Degree Engineering Program. The Division plays an instrumental role in the education of Xavier students in Science, Technology, Engineering, and Mathematics (STEM) disciplines, which are the focus of numerous government initiatives in higher education. Currently, the Division has approximately 700 students, 53 faculty members, and 26 administrative and research staff. All departments in the Division are located in the Norman C. Francis (NCF) Science Building putting them in close proximity and providing more inter- and intra-departmental opportunities for collaboration in research and instruction.

MAPS is fully committed to the University's mission. The faculty members in the Division are research active and secure millions of dollars per year in external research funding, providing students with many opportunities for hands-on training. The departments are also very active in community service and service learning projects.

The Division believes that success in college is greatly facilitated by a strong support system and provides students with a system that is second to none. Every student in MAPS has a faculty advisor who closely monitors the student's academic performance and progress. In addition, free tutoring, course review sessions, and test review sessions for freshman- and sophomore-level chemistry, mathematics, and physics courses are offered through the Student Academic Success Office. MAPS is proud of its quality of instruction, faculty-student interaction, undergraduate research, equipment and instrumentation, and the accomplishments of our students and faculty.

- B.A. in Physics
- B.A. in Physics with Dual Degree Civil Engineering
- B.A. in Physics with Dual Degree Electrical Engineering
- B.A. in Physics with Dual Degree Environmental Engineering
- B.A. in Physics with Dual Degree Mechanical Engineering
- B.S. in Biochemistry
- B.S. in Chemistry
- B.S. in Chemistry (American Chemical Society certified)
- B.S. in Chemistry Education
- B.S. in Chemistry Prepharmacy
- B.S. in Chemistry Preprofessional
- B.S. in Chemistry with Dual Degree Chemical Engineering
- B.S. in Computer Information Systems
- B.S. in Computer Science
- B.S. in Computer Science with Dual Degree in Computer Engineering
- B.S. in Mathematics
- B.S. in Mathematics Education
- B.S. in Physics
- B.S. in Statistics

Department of Chemistry

Division of Mathematical and Physical Sciences

NCF Science Annex 333 - (504) 520-5082 - <http://www.xula.edu/chemistry/index.html>

The study of Chemistry, the science of matter and the changes it undergoes, is central to any understanding of the universe in which we live. A major in Chemistry combined with the Core Curriculum provides a superb liberal and professional education.

The department offers seven degree programs leading to the Bachelor of Science degree. These are the Chemistry (A.C.S. Certified) program, the Biochemistry program, the Chemistry (Preprofessional) program, the Chemistry (Prepharmacy) program, the Chemistry program, the Dual Degree Chemistry/Chemical Engineering, and the Chemistry Education program. All of these programs provide the basic grounding in physical, organic, inorganic, analytical, and biochemistry necessary for an overall understanding of the subject. Additional advanced courses and courses in related subjects such as mathematics, physics, and biology are required as needed for the student's desired specialty.

The **Chemistry (A.C.S. Certified)** program is approved by the American Chemical Society. With its required minor in Mathematics, students are prepared for graduate studies in Chemistry and for careers as professional chemists.

The **Biochemistry** program prepares students for graduate study and careers in this fast-moving and exciting area of science. This program has two options: students can minor in biology or mathematics depending on their career plans. Students declaring a major in biochemistry should work with their advisors to choose the track that will best prepare them for the graduate or professional school of their choice.

The objective of the **Chemistry (Preprofessional)** program is to prepare students for success in medical, dental, and related health professional schools. The courses in the major and its required biology minor have been selected to give the graduates of this program the greatest chance of success in their chosen professional field. Students following this course of study have the option of choosing an accelerated program if they seek early admission to professional school. Courses taken in the first year of professional school substitute for courses ordinarily taken in the senior year.

The **Chemistry (Prepharmacy)** program is designed to prepare students for success in pharmacy school. Students wishing to pursue a Doctor of Pharmacy (Pharm.D.) degree through Xavier's College of Pharmacy must complete 66 credit hours of the Chemistry (Prepharmacy) curriculum, as specified, prior to being admitted to the Pharm.D. program. Students interested in pursuing a Doctor of Pharmacy degree at another institution are also advised to follow the Chemistry (Prepharmacy) curriculum while at Xavier. For those students following this course of study who may opt not to pursue an advanced degree in pharmacy, the four-year curriculum provides preparation for other careers or advanced study requiring significant background in chemistry. Students choosing to complete the full four-year program should work closely with their academic advisor in choosing elective courses.

The **Chemistry** program is more flexible; it does not require the student to minor in a specific area. Rather, students must choose their own minor which must include at least 18 semester hours. The student also must follow the requirements of the University and the Department in which he/she wishes to minor. This program also allows for more free electives than other chemistry programs. This program is designed to allow a student the option to design a program to fit career and life goals that combine chemistry with other subjects. It is especially relevant for students with nontraditional goals and those transferring from another major who have already accumulated significant hours in another field. It is important for students following the Chemistry program to plan their course of study in close consultation with their academic advisors.

The **Dual Degree Chemistry/Chemical Engineering** program allows students to earn both a B.S. in Chemistry from Xavier and a B.S. in Chemical Engineering from an engineering school in five years. Students follow a modified chemistry program for three years at Xavier, and then transfer to an engineering school to complete the last two years.

The department offers a program in **Chemistry Education** jointly with the Division of Education and Counseling. The objective of this program is to provide students with the proper combination of chemistry and education courses to prepare them to teach chemistry at the 6-12 grade levels.

In all of its courses of study, the goal of the Chemistry Department is to provide its students with knowledge of basic ideas in the field, so that they may be able to provide explanations, interpret data, and solve problems by applying these concepts. The department also provides practice in the use of the tools of research and the scientific method in chemistry, so that students can explore and organize topics, solve problems and perform investigations, and present their findings using acceptable scientific formats.

Requirements for All Students Taking Chemistry Courses - To register for any chemistry course, a grade of "C" or better is required in all the chemistry prerequisite courses.

Requirements for all Chemistry Majors - The department requires a grade of "C" or better in each chemistry course required for a degree with a major in chemistry. Also, majors are required to complete a capstone experience as part of a senior comprehensive exam during their senior year. At least 18 hours of chemistry credits must be earned at Xavier.

Admitting Students Changing Majors/Readmitted Students - A student having a cumulative and Chemistry GPA of 2.75 or above will be admitted into the department by the department head. A student having a cumulative and Chemistry GPA of 2.0 or below will not be considered for admission into the department. Any students with GPAs not in the categories listed above will have their records reviewed by the Department's Academic Standing Committee. Admission into the department for these students will require a majority vote of the committee.

Honors in Chemistry - Students majoring in Chemistry qualify for the distinction "Honors in Chemistry" by completing their course of study with a 3.5 overall cumulative average and a 3.5 cumulative average in chemistry. Students minoring in chemistry must have a 3.5 overall average and a 3.7 average in their chemistry courses to earn this distinction. At least 18 hours of chemistry must have been earned at Xavier.

Bachelor of Science

Biochemistry, B.S. (Biology and Math Double Concentration)

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- or
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

- ENGL 1000 - Intensive English Composition and Rhetoric
- or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus
- Physical Education (activity course) Essential Core 1

Total Hours: 16

Second Semester

- CHEM 1020 - General Chemistry II

- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
or
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab

- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus

Total Hours: 18

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- History Essential Core 3
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- Theology Essential Core 3

Total Hours: 18

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II
- Theology Essential Core 3

Total Hours: 15

Junior Year

First Semester

- CHEM 3130 - Introduction to Biochemistry
- CHEM 3130L - Introduction to Biochemistry Laboratory
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- MATH 2070 - Calculus II
- ENGL 2010 - Introduction to World Literature I

Total Hours: 15

Second Semester

- CHEM 4080 - Introduction to Research
- CHEM 3030 - Physical Chemistry I
- CHEM 3030L - Physical Chemistry Laboratory I
- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- Philosophy¹ Essential Core 3
- African American and Diaspora Studies Essential Core 3
- Fine Arts Essential Core 3

Total Hours: 17

Senior Year

First Semester

- CHEM 4083 - Undergraduate Research
- CHEM 4140 - Metabolism
- CHEM/BIOL Elective²
- CHEM 4999 - Senior Comprehensives
- Expansive Core³ 3
- Philosophy¹ Essential Core 3

Total Hours: 16

Second Semester

- CHEM 4060 - Advanced Biochemistry
- CHEM 4150L - Genomics and Proteomics Lab
- CHEM/BIOL Elective²
- Expansive Core³ 3
- Social Science Essential Core 3

Total Hours: 14

¹ 3 hours should come from PHIL 3250 or PHIL 3400

² The choice of CHEM/BIOLOGY electives must come from the following courses, one lecture must be taken with lab: BIOL 3070/BIOLOGY 3070L, BIOL 3110/BIOLOGY 3110L, BIOL 3091/ BIOL 3091L, BIOL 3350/BIOLOGY 3350L, BIOL 4250 BIOLOGY 4250L, CHEM 4240/ CHEM 4240L, CHEM 3011, CHEM 3040/CHEM 3040L.

³MATH 3010/ STAT 3010 or MATH 1020/STAT 2010 must be taken as the natural sciences expansive core, and CMST 3250 (Scientific Communication) is recommended for the second expansive core course

Summary: Program in Biochemistry (Biology and Math Double Concentration)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, CHEM 1010 or CHEM 1110), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Sciences (3 of 4, CHEM 1020 or CHEM 1120), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 48 *

CHEM 1010/ CHEM 1010D/ CHEM 1011L or CHEM 1110/ CHEM 1110D/ CHEM 1111L (1 of 4), CHEM 1020/ CHEM 1020D/ CHEM 1021L or CHEM 1120/ CHEM 1120D/ CHEM 1121L (1 of 4), CHEM 2210/ CHEM 2210D/ CHEM 2230L, CHEM 2220/ CHEM 2220D/ CHEM 2240L, CHEM 3030/ CHEM 3030L, CHEM 3130/ CHEM 3130L, CHEM 3210/ CHEM 3210L, CHEM 4060, CHEM 4080, CHEM 4083, CHEM 4140, CHEM 4150L, CHEM 4999, CHEM/BIOLOGY electives (7), PHYS 2010/ PHYS 2010L, PHYS 2020/ PHYS 2020L

Double Concentration 21 *

BIOL 1230/ BIOL 1230L, BIOL 1240/BIOL 1240L, BIOL 2010L/ BIOL 2010, MATH 1030 (1 of 4), MATH 1070, MATH 2070

Total Hours: 129

*Includes hours already counted in core and/or required courses from other disciplines.

Biochemistry, B.S. (Biology Minor)

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
or
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 16

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
or
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab

- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus

Semester Hours: 18

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- History Essential Core 3
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I

Semester Hours: 15

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II
- Theology Essential Core 3

Semester Hours: 15

Junior Year

First Semester

- CHEM 3130 - Introduction to Biochemistry
- CHEM 3130L - Introduction to Biochemistry Laboratory
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- MATH 1020 - Basic Statistics I
or
- STAT 2010 - Statistical Methods I
or
- MATH 3010 - Biostatistics
or
- STAT 3010 - Biostatistics ¹
- ENGL 2010 - Introduction to World Literature I

Semester Hours: 14

Second Semester

- CHEM 4080 - Introduction to Research
- CHEM 4140 - Metabolism
- African American and Diaspora Studies Essential Core 3
- BIOL 2010L - General Microbiology Lab

- BIOL 2010 - General Microbiology
- Fine Arts Essential Core 3
- Philosophy² Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- CHEM 4083 - Undergraduate Research
- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3030L - Physical Chemistry Laboratory I
- BIOL³ Elective 3 *
- CHEM 4999 - Senior Comprehensives
- Theology Essential Core 3
- Philosophy² Essential Core 3

Semester Hours: 16

Second Semester

- CHEM 4060 - Advanced Biochemistry
- CHEM 4150L - Genomics and Proteomics Lab (capstone)
- BIOL³ Elective 4
- Expansive Core¹ 3
- Social Science Essential Core 3

Semester Hours: 15

¹ MATH 3010/STAT 3010 (Biostatistics) or MATH 1020/STAT 2010 (Basic Statistics I) must be taken as the natural sciences expansive core, and CMST 3250 (Scientific Communication) is recommended for the second expansive core course

² 3 hours should come from PHIL 3250 (Philosophy of Science) or PHIL 3400 (Responsible Conduct in Research)

³ BIOL electives must be chosen from the following courses, one lecture must be taken with lab: BIOL 3070/BIOL 3070L (Immunology), BIOL 3110/BIOL 3110L (Genetics), BIOL 3091/BIOL 3091L (Cell Biology), BIOL 3350/BIOL 3350L (Anatomy and Physiology), or BIOL 4250/BIOL 4250L (Molecular Genetics).

Summary: Program in Biochemistry (Biology Minor)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, CHEM 1010/CHEM 1010D/CHEM 1011L or CHEM 1110/ CHEM 1110D/ CHEM 1111L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1020/CHEM 1120D/CHEM 1121L), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 46 *

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
or
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
(1 of 4) for CHEM 1110/1110D/1111L
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
or
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
(1 of 4) for CHEM 1120/1120D/1121L
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3030L - Physical Chemistry Laboratory I
- CHEM 3130 - Introduction to Biochemistry
- CHEM 3130L - Introduction to Biochemistry Laboratory
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- CHEM 4060 - Advanced Biochemistry
- CHEM 4080 - Introduction to Research
- CHEM 4083 - Undergraduate Research
- CHEM 4140 - Metabolism
- CHEM 4150L - Genomics and Proteomics Lab
- CHEM 4999 - Senior Comprehensives
- MATH 1030 - Pre-Calculus (1 of 4)
- MATH 1070 - Introductory Calculus
- PHYS 2010 - General Physics I

- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Minor: 19

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- BIOL 2010L - General Microbiology Lab
- BIOL 2010 - General Microbiology
- BIOL Elective 3
- Biology Elective with lab 4

Total Hours: 125

*Includes hours already counted in core and/or required courses from other disciplines.

Biochemistry, B.S. (Math Minor)

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- or
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- ENGL 1000 - Intensive English Composition and Rhetoric
- or
- ENGL 1010 - English Composition and Rhetoric
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus
- Physical Education (activity course) Essential Core 1

Total Hours: 16

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
or
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab

- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus

Total Hours: 18

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- MATH 2070 - Calculus II
- History Essential Core 3
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I

Total Hours: 15

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II
- Theology Essential Core 3

Total Hours: 15

Junior Year

First Semester

- CHEM 3130 - Introduction to Biochemistry
- CHEM 3130L - Introduction to Biochemistry Laboratory
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- ENGL 2010 - Introduction to World Literature I

Total Hours: 15

Second Semester

- CHEM 3030 - Physical Chemistry I
- CHEM 3030L - Physical Chemistry Laboratory I
- Math Elective¹
- African American and Diaspora Studies Essential Core 3
- Fine Arts Essential Core 3
- CHEM 4080 - Introduction to Research
- CHEM 4140 - Metabolism

Total Hours: 16

Senior Year

First Semester

- CHEM 4083 - Undergraduate Research
- Math Elective 3
- CHEM 4999 - Senior Comprehensives
- Theology Essential Core 3
- Expansive Core²
- Philosophy³ Essential Core 3

Total Hours: 15

Second Semester

- CHEM 4060 - Advanced Biochemistry
- CHEM 4150L - Genomics and Proteomics Lab
- Expansive Core²
- Philosophy Essential Core 3
- Social Science Essential Core 3

Total Hours: 14

¹ MATH 3010/STATS 3010 (Biostatistics) or MATH 1020/STATS 2010 (Basic Statistics I) must be taken as the natural sciences expansive core, and CMST 3250 (Scientific Communication) is recommended for the second expansive core course

² 3 hours should come from PHIL 3250 (Philosophy of Science) or PHIL 3400 (Responsible Conduct in Research)

³ BIOL electives must be chosen from the following courses, one lecture must be taken with lab: BIOL 3070/3070L (Immunology), BIOL 3110/3110L (Genetics), BIOL 3091/3091L (Cell Biology), BIOL 3350/3350L (Anatomy and Physiology), or BIOL 4250/4250L (Molecular Genetics)

Summary: Program in Biochemistry (Math Minor)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, CHEM 1010/ CHEM 1010D/ CHEM 1011L or CHEM 1110 CHEM 1110D CHEM 1111L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Sciences (3 of 4, CHEM 1020 CHEM 1020D CHEM 1021L or CHEM 1120/ CHEM 1120D/ CHEM 1121L), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 49 *

CHEM 1010/CHEM 1010D/ CHEM 1011L or CHEM 1110/CHEM 1110D/CHEM 1111L (1 of 4), CHEM 1020/ CHEM 1020D/ CHEM 1021L or CHEM 1120/ CHEM 1120D/ CHEM 1121L (1 of 4), CHEM 2210/CHEM 2210D/ CHEM 2230L, CHEM 2220/CHEM 2220D/ CHEM 2240L, CHEM 3030/ CHEM 3030L, CHEM 3130/ CHEM 3130L, CHEM 3210/ CHEM 3210L, CHEM 4060, CHEM 4080, CHEM 4083, CHEM 4140, CHEM 4150L, CHEM 4999, BIOL 1230/ BIOL 1230L, BIOL 1240/ BIOL 1240L, PHYS 2010/ PHYS 2010L, PHYS 2020/ PHYS 2020L

Minor: 18 *

MATH 1030, MATH 1070, MATH 2070, MATH Electives (6)

Total Hours: 124

*Includes hours already counted in core and/or required courses from other disciplines.

Chemistry (A.C.S. Certified), B.S.

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
or
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

- ENGL 1000 - Intensive English Composition and Rhetoric
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus

Semester Hours: 18

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
or
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab

- ENGL 1010 - English Composition and Rhetoric
or
- ENGL 1020 - English Composition and Literature

- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus
- Social Science Essential Core 3

Semester Hours: 18

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- MATH 2070 - Calculus II

- Physical Education (activity course) Essential Core 1
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- Philosophy Essential Core 3

Semester Hours: 16

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- MATH 2030 - Elementary Linear Algebra
- MATH 2080 - Calculus III
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Semester Hours: 15

Junior Year

First Semester

- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- CHEM 3130 - Introduction to Biochemistry
- ENGL 2010 - Introduction to World Literature I
- History Essential Core 3
- MATH 2530 - Differential Equations

Semester Hours: 16

Second Semester

- CHEM 3030 - Physical Chemistry I
- CHEM 3030L - Physical Chemistry Laboratory I
- CHEM 4080 - Introduction to Research
- CHEM 4240 - Instrumental Methods of Chemical Analysis
- CHEM 4240L - Instrumental Methods of Chemical Analysis
- African American and Diaspora Studies Essential Core 3
- Fine Arts Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 17

Senior Year

First Semester

- CHEM 3040 - Physical Chemistry II
- CHEM 3040L - Physical Chemistry Laboratory II
- CHEM 3011 - Inorganic Chemistry
- CHEM 4083 - Undergraduate Research
- CHEM 4999 - Senior Comprehensives
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 16

Second Semester

- CHEM 4011 - Advanced Inorganic Chemistry
- CHEM 4310L - Synthesis Laboratory
- CHEM 4999 - Senior Comprehensives
- CHEM Elective Chemistry 3
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 14

Summary: Program in Chemistry (A.C.S. Certified)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, CHEM 1010/CHEM 1010D/CHEM 1011L or CHEM 1110// CHEM 1111L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1020/CHEM 1020D/CHEM 1021L or CHEM 1120/ CHEM 1120D/ CHEM 1121L), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 51

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory

or

- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

(1 of 4) for CHEM 1110/1110D/1111L

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory

or

- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab

(1 of 4) for CHEM 1120/1120D/1121L

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3011 - Inorganic Chemistry
- CHEM 3030 - Physical Chemistry I
- CHEM 3030L - Physical Chemistry Laboratory I
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- CHEM 3040 - Physical Chemistry II
- CHEM 3040L - Physical Chemistry Laboratory II
- CHEM 3130 - Introduction to Biochemistry
- CHEM 4080 - Introduction to Research
- CHEM 4083 - Undergraduate Research
- CHEM 4011 - Advanced Inorganic Chemistry
- CHEM 4240 - Instrumental Methods of Chemical Analysis
- CHEM 4240L - Instrumental Methods of Chemical Analysis
- CHEM 4310L - Synthesis Laboratory
- CHEM 4999 (0)
- Chemistry Elective (3)
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Minor: 19

- MATH 1030 - Pre-Calculus (1 of 4)
- MATH 1070 - Introductory Calculus
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II

- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Total Hours: 130

Chemistry (Prepharmacy), B.S.

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I *
- CHEM 1010D - General Chemistry I *
- CHEM 1011L - General Chemistry I Laboratory *

- ENGL 1000 - Intensive English Composition and Rhetoric *
- or
- ENGL 1010 - English Composition and Rhetoric *

- FRSM 1000 - Freshman Seminar I *
- MATH 1030 - Pre-Calculus *

- PSYC 1010 - Introductory Psychology *
- or
- SOCI 1010 - Introduction to Sociology *

Semester Hours: 15

Second Semester

- CHEM 1020 - General Chemistry II *
- CHEM 1020D - General Chemistry II *
- CHEM 1021L - General Chemistry II Laboratory *
- BIOL 1230 - General Biology I *
- BIOL 1230L - General Biology Lab I *
- ENGL 1020 - English Composition and Literature *
- FRSM 1100 - Freshman Seminar II *
- MATH 1070 - Introductory Calculus *

Semester Hours: 16

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I *
- CHEM 2210D - Organic Chemistry I *
- CHEM 2230L - Organic Chemistry Laboratory I *
- BIOL 1240 - General Biology II *
- BIOL 1240L - General Biology Lab II *
- CMST 1010 - Fundamentals of Public Speaking Essential Core *
- Philosophy Essential Core 3 *
- PHYS 2010 - General Physics I *
- PHYS 2010L - General Physics I *

Semester Hours: 18

Second Semester

- CHEM 2220 - Organic Chemistry II *
- CHEM 2220D - Organic Chemistry II *
- CHEM 2240L - Organic Chemistry Laboratory II *
- BIOL 2010 - General Microbiology *
- BIOL 2015L - General Microbiology Lab (Prepharmacy) *
- STAT 3010 - Biostatistics *
- STAT 3010D - Biostatistics Drill *
- PHIL 2400 - Health Ethics *
- Theology Essential Core 3 *

Semester Hours: 17

Junior Year

First Semester

- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- BIOL Elective Biology 3
- Expansive Core 3 ¹
- Foreign Language Fundamental Core 3
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Semester Hours: 17

Second Semester

- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3030L - Physical Chemistry Laboratory I
- CHEM 3130 - Introduction to Biochemistry

- CHEM 3130L - Introduction to Biochemistry Laboratory
- ENGL 2010 - Introduction to World Literature I
- Foreign Language Fundamental Core 3

Semester Hours: 14

Senior Year

First Semester

- CHEM 4999 - Senior Comprehensives
- Advanced CHEM Elective²
African American and Diaspora Studies Essential Core 3
BIOL Elective Biology 3
- History Essential Core 3
- Physical Education Essential Core 1

Semester Hours: 13

Second Semester

- CHEM 4999 - Senior Comprehensives
- Advanced CHEM Elective Chemistry 3²
- Capstone Chemistry 2-3³
- Theology Essential Core 3
- Fine Arts Essential Core 3

Semester Hours: 11-12

Summary: Program In Chemistry (Pharmacy)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, CHEM 1010/CHEM 1010D/CHEM 1011L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1020/CHEM 1020D/CHEM 1021L), Philosophy (6), Physical Education (1, activity course), Social Science (3, PSYC 1010 or SOCI 1010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 43-44

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3030L - Physical Chemistry Laboratory I
- CHEM 3130 - Introduction to Biochemistry
- CHEM 3130L - Introduction to Biochemistry Laboratory
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory

- CHEM 4310L - Synthesis Laboratory
- CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory
or
- CHEM 4150L - Genomics and Proteomics Lab
or
- CHEM 4080 - Introduction to Research
- CHEM 4083 - Undergraduate Research

- CHEM 4999
- Chemistry Electives (6)
- MATH 1030 - Pre-Calculus
- MATH 1070 - Introductory Calculus
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II
- ECON 1030 - Introduction to Economics

Minor: 18

- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- BIOL 2010 - General Microbiology
- BIOL 2015L - General Microbiology Lab (Prepharmacy)
- BIOL Electives (6)

Free Electives: 7

Total Hours: 121-122

*Courses that must be completed prior to entering the PharmD Program

¹ ECON 1030 is recommended for students planning to enter the PharmD Program

² One upper level elective must be taken from Group A chemistry courses and one must be taken from Group B chemistry courses (Group A: CHEM 3450 - Toxicology, CHEM 4250 - Drug Design and Synthesis, CHEM 4140 - Metabolism, CHEM 4150L - Genomics and Proteomics Lab, CHEM 4160 - Enzymology; Group B: CHEM 3011 - Inorganic Chemistry, CHEM 4011 - Advanced Inorganic Chemistry, CHEM 4210 - Advanced Organic Chemistry, CHEM 4240 - Instrumental Methods of Chemical Analysis/CHEM 4240L - Instrumental Methods of Chemical Analysis).

³ Capstone course can be selected from the following: CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory, CHEM 4310L - Synthesis Laboratory, CHEM 4080 - Introduction to Research/CHEM 4083 - Undergraduate Research, requires permission of the Department Head, and CHEM 4150L - Genomics and Proteomics Lab.

Summary of Prerequisites For Admission Into Xavier University's College of Pharmacy

Semester Hours

Biology	12
Chemistry	16
Communication Studies	3
English	6
Mathematics/Statistics	11
Philosophy	6
Physics	4
Social Sciences	3
Theology	3
Total Semester Hours	64

Chemistry (Preprofessional) Accelerated 3 + 1 Program, B.S.

This program may be followed by qualified students who would like to seek admission into a professional school at the end of their junior year. These students may substitute equivalent courses from their professional school for those required in the senior year at Xavier and be eligible to receive the B.S. degree from Xavier at the end of four years.

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus

Semester Hours: 18

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- Physical Education (activity course) Essential Core 1
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- Theology Essential Core 3

Semester Hours: 16

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- African American and Diaspora Studies Essential Core 3
- Philosophy Essential Core 3
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Semester Hours: 18

Summer

- Expansive Core 6
- Social Science Essential Core 3

Semester Hours: 9

Junior Year

First Semester

- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- Advanced CHEM Elective Chemistry 3
- CHEM 4999 - Senior Comprehensives
- BIOL Electives Biology 4 ²
- ENGL 2010 - Introduction to World Literature I
- History Essential Core 3

Semester Hours: 17

Second Semester

- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3030L - Physical Chemistry Laboratory I
- Capstone Chemistry 2-3 ¹
- CHEM 4999 - Senior Comprehensives
- BIOL Electives Biology 4 ²
- Fine Arts Essential Core 3
- Philosophy Essential Core 3 ³

Semester Hours: 16-17

Credits Accepted from Professional School:

Advanced Biology	8
Biochemistry	7
Total	15

Note:

¹ Capstone course can be selected from the following: CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory, CHEM 4310L - Synthesis Laboratory, and CHEM 4080/CHEM 4083 sequence (Undergraduate Research, 0/3, requires permission of the Department Head).

² The choice of biology electives must conform to the following two guidelines:

1. Total biology hours must be at least 22, including General Biology I-II.
2. All four advanced biology electives must come from groups A and B below. At least one course must be taken from each of the two groups.

Group A: BIOL 3350 - Anatomy and Physiology/BIOL 3350L - Anatomy and Physiology Lab; BIOL 3162 - Introduction to Embryology/BIOL 3162L - Introduction to Embryology Lab, BIOL 4111 - Histology/BIOL 4111L - Histology Lab; BIOL 4091 - Comparative Vertebrate Anatomy/BIOL 4091L - Comparative Vertebrate Anatomy Lab.

Group B: BIOL 2010L - General Microbiology Lab/BIOL 2010 - General Microbiology, BIOL 3070 - Immunology/BIOL 3070L - Immunology Lab, BIOL 3091 - Cell Biology/BIOL 3091L - Cell Biology Lab, BIOL 3110 - Genetics/BIOL 3110L - Genetics Lab, BIOL 4240 (Microbial Physiology) BIOL 4250 - Molecular Genetics/BIOL 4250L - Molecular Genetics Lab.

³ PHIL 2400 is recommended for students planning a career in the health professions.

Chemistry (Preprofessional), B.S.

(For students in Premedical, Pre-dentistry, and Pre-optometry.)

(Pre-veterinary medicine students take this program with minor substitutions.)

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3

- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus

Semester Hours: 15

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus

Semester Hours: 18

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- African American and Diaspora Studies Essential Core 3
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II
- Theology Essential Core 3

Semester Hours: 18

Junior Year

First Semester

- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- CHEM 3130 - Introduction to Biochemistry
- CHEM 3130L - Introduction to Biochemistry Laboratory
- ENGL 2010 - Introduction to World Literature I
- History Essential Core 3
- Social Science Essential Core 3

Semester Hours: 17

Second Semester

- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3030L - Physical Chemistry Laboratory I
- CHEM 4140 - Metabolism
- BIOL Electives Biology 4
- Philosophy Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 15

Senior Year

First Semester

- CHEM 4999 - Senior Comprehensives
- BIOL Electives Biology 3²
- Expansive Core 3
- Philosophy Essential Core 3⁴
- BIOL Electives 4²

Semester Hours: 13

Second Semester

- CHEM 4999 - Senior Comprehensives
- Capstone Course Chemistry 2-3¹
- BIOL Electives Biology 3²
- Expansive Core 3

- Fine Arts Essential Core 3
- Advanced CHEM elective 3

Semester Hours: 14-15

Summary: Program In Chemistry (Preprofessional)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, CHEM 1010/CHEM 1010D/CHEM 1011L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1020/CHEM 1020D/CHEM 1021L), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 43-44 *

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
(1 of 4) for CHEM 1020/1020D/1021L
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3030L - Physical Chemistry Laboratory I
- CHEM 3130 - Introduction to Biochemistry
- CHEM 3130L - Introduction to Biochemistry Laboratory
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- CHEM 4140 - Metabolism

- CHEM 4310L - Synthesis Laboratory
or
- CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory
or

- CHEM 4150L - Genomics and Proteomics Lab
- CHEM 4080 - Introduction to Research
- CHEM 4083 - Undergraduate Research
- Chemistry Elective 3
- CHEM 4999 - Senior Comprehensives
- MATH 1030 - Pre-Calculus (1 of 4)
- MATH 1070 - Introductory Calculus
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Minor: 22

BIOL 1230/BIOL 1230L (4), BIOL 1240/BIOL 1240L (4), BIOL Electives (14)

Free Electives: 3

Total Hours: 125-126

¹ Capstone course can be selected from the following: CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory, CHEM 4310L - Synthesis Laboratory, CHEM 4080 - Introduction to Research/CHEM 4083 - Undergraduate Research sequence (Undergraduate Research, 0/3, requires permission of the Department Head), and CHEM 4150L - Genomics and Proteomics Lab.

² The choice of biology electives must conform to the following two guidelines:

1. Total biology hours must be at least 22, including General Biology I-II.
2. All four advanced biology electives must come from groups A and B below. At least one course must be taken from each of the two groups.

Group A: BIOL 3350 - Anatomy and Physiology/BIOL 3350L - Anatomy and Physiology Lab; BIOL 3162 - Introduction to Embryology/BIOL 3162L - Introduction to Embryology Lab, BIOL 4111 - Histology/BIOL 4111L - Histology Lab; BIOL 4091 - Comparative Vertebrate Anatomy/BIOL 4091L - Comparative Vertebrate Anatomy Lab.

Group B: BIOL 2010L - General Microbiology Lab/BIOL 2010 - General Microbiology, BIOL 3070 - Immunology/BIOL 3070L - Immunology Lab, BIOL 3091 - Cell Biology/BIOL 3091L - Cell Biology Lab, BIOL 3110 - Genetics/BIOL 3110L - Genetics Lab, BIOL 4240 (Microbial Physiology) BIOL 4250 - Molecular Genetics/BIOL 4250L - Molecular Genetics Lab.

³ MATH 1020 (STAT 2010) is recommended as an elective for students planning a career in the health professions.

⁴ PHIL 2400 is recommended for students planning a career in the health professions.

* Includes hours already counted in core and/or required courses from other disciplines. Also, students who take CHEM 3011 - Inorganic Chemistry, CHEM 4080 - Introduction to Research/ CHEM 4083 - Undergraduate Research, and MATH 2070 - Calculus II can have their degree certified by the American Chemical Society.

Chemistry Dual Degree Program in Chemical Engineering, B.S.

The Department of Chemistry supports the dual degree engineering program in Chemical Engineering which is detailed below. For more information regarding Dual Degree Engineering Programs, students should consult with the Director of Dual Degree Engineering Programs and see the information about Dual Degree Engineering Programs in this catalog.

Freshman Year

First Semester

- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- ENGR 1000 - Introduction to Engineering

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- MATH 1070 - Introductory Calculus
- PHYS 1121 - General Physics I
- Physical Education Essential Core I

Semester Hours: 18

Second Semester

- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- ENGR 1100 - Introduction to Engineering Design
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 2070 - Calculus II
- PHYS 2111 - General Physics II

Semester Hours: 18

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- Communication Studies Communication 3
- ENGL 2010 - Introduction to World Literature I
- MATH 2080 - Calculus III
- PHYS 2121 - General Physics III

Semester Hours: 18

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- African American and Diaspora Studies Essential Core 3
- Communication Studies Communication 0
- Expansive Core 3
- MATH 2030 - Elementary Linear Algebra
- Social Science Essential Core 3

Semester Hours: 16

Junior Year

First Semester

- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- CHEM 4999 - Senior Comprehensive Exam 0
- ENGR 2210 - Mechanics-Statics
- MATH 2530 - Differential Equations
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 16

Second Semester

- CHEM 3030 - Physical Chemistry I
- Capstone Chemistry 2-3 ¹
- CHEM 4999 - Senior Comprehensive Exam 0
- ENGR 2630 - Analytical Methods for Physics and Engineering
- ENGR 3040 - Thermodynamics
- PHIL 2040 - Logic
- Theology Essential Core 3

Semester Hours: 17-18

Taken at Engineering School

Foreign Language	6	World Language
History	3	Essential Core

Fine Arts	3	Essential Core
ENGR electives	15	Electives
	27	

Summary: Chemistry Dual Degree Program in Chemical Engineering

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3 of 4, CHEM 1110/CHEM 1110D/CHEM 1111L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1120/CHEM 1120 CHEM 1121L), Philosophy (6, including PHIL 2040), Physical Education (1, activitybased), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including ENGR 1000-ENGR 1100 (1-2) (recommended)

Major: 55 - 56

- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3030 - Physical Chemistry I
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory

- CHEM 4310L - Synthesis Laboratory
- or
- CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory
- or
- CHEM 4080 - Introduction to Research
- CHEM 4083 - Undergraduate Research

- CHEM 4999 (0)
- ENGR 1000 - Introduction to Engineering
- ENGR 1100 - Introduction to Engineering Design
- ENGR 2210 - Mechanics-Statics
- ENGR 2630 - Analytical Methods for Physics and Engineering
- ENGR 3040 - Thermodynamics
- ENGR electives (15)
- PHYS 1121 - General Physics I
- PHYS 2111 - General Physics II
- PHYS 2121 - General Physics III

Minor: 15

- MATH 1070 - Introductory Calculus
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Total Hours: 130-131

¹ Capstone course can be selected from the following: CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory, CHEM 4310L - Synthesis Laboratory, and CHEM 4080/CHEM 4083 sequence (Undergraduate Research, 0/3, requires permission of the Department Head).

Chemistry Education (Grades 6-12) (Certification - Chemistry), B.S.

Chemistry Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- History 3

- MATH 1030 - Pre-Calculus

Semester Hours: 15

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- EDUC 1000 - Teacher Prep ***
- Communication Studies 3
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus

Semester Hours: 18

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- EDUC 2044 - Methods of Classroom Organization and Management
- Philosophy Essential Core 3
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I

Semester Hours: 14

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2200 - Multicultural Education

- PHYS 2020 - General Physics II
or
- PHYS 2020L - General Physics II

- Theology Essential Core 3

Semester Hours: 17

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level Education and Psychology courses.

First Semester

- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- EDUC 3040 - Educational Psychology
- ENGL 2010 - Introduction to World Literature I
- Foreign Languages World Languages 3
- Philosophy Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3130 - Introduction to Biochemistry
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4005S - Praxis Specialty Area
- EDUC 4090 - Adolescent Psychology
- Foreign Languages World Languages 3
- Theology Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- CHEM 4073 - Chemistry Literature Research ¹
- CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory (capstone)
- CHEM 4999 - Senior Comprehensives
- EDSC 3023 - Special Methods
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- BIOL or IPSC Expansive Core (recommended) 3 *

Semester Hours: 17

Second Semester

- CHEM 4999 - Senior Comprehensives
- EDSC 3023C - Methods of Teaching Chemistry
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 15

¹ CHEM 4083, Undergraduate Research may be substituted with permission of the course instructor.

Summary: Program in Chemistry Education (Grades 6-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, CHEM 1010/CHEM 1010D/CHEM 1011L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1020/CHEM 1020D/CHEM 1021L), Philosophy (6), Physical Education (1, activity-based), Social Science (3, EDUC 3040), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one BIOL or IPSC Expansive Core course (3) (recommended) *

Major: 25 **

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
(1 of 4) for CHEM 1010/1010D/1011L
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
(1 of 4) for CHEM 1020/1020D/1021L
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II

- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3130 - Introduction to Biochemistry
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory

- CHEM 4073 - Chemistry Literature Research
or
- CHEM 4083 - Undergraduate Research

- CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory
- CHEM 4999 (0)

Education: 30

- EDSC 3023C - Methods of Teaching Chemistry
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar

Other Required Courses: 13 **

- MATH 1030 - Pre-Calculus (1 of 4)
- MATH 1070 - Introductory Calculus
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Total Hours: 128

*Teacher certification standards require 3 hours in BIOL or IPSC, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

Chemistry, B.S.

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus

Semester Hours: 15

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus
- Physical Education (activity course) Essential Core

Semester Hours: 16

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- Communication Studies Essential Core 3
- Minor 3
- Philosophy Essential Core 3
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I

Semester Hours: 17

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- African American and Diaspora Studies Essential Core 3
- Minor 3
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II
- Theology Essential Core 3

Semester Hours: 17

Junior Year

First Semester

- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory
- CHEM 3011 - Inorganic Chemistry
- ENGL 2010 - Introduction to World Literature I
- Minor 3
- Social Science Essential Core 3

Semester Hours: 16

Second Semester

- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3030L - Physical Chemistry Laboratory I
or
- CHEM 3030 - Physical Chemistry I *
- CHEM 3030L - Physical Chemistry Laboratory I

- History Essential Core 3
- Minor 6
- Philosophy Essential Core 3

Semester Hours: 16

*Students choosing to take CHEM 3030 must take the prerequisite MATH 2070, and should take CHEM 3040 as their Advanced Chemistry Elective.

Senior Year

First Semester

- CHEM 3130 - Introduction to Biochemistry
- CHEM 3130L - Introduction to Biochemistry Laboratory
- Advanced CHEM Elective 3
- CHEM 4999 - Senior Comprehensives
- Expansive Core 3
- Minor 3

Semester Hours: 13

Second Semester

- Capstone Course Chemistry 2-3 ¹
- CHEM 4999 - Senior Comprehensives
- Expansive Core 3
- Theology Essential Core 3
- Fine Arts Essential Core 3

Semester Hours: 11-12

¹ Capstone course can be selected from the following: CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory, CHEM 4310L - Synthesis Laboratory, CHEM 4080 - Introduction to Research/CHEM 4083 - Undergraduate Research sequence (requires permission of the Department Head), and CHEM 4150L - Genomics and Proteomics Lab.

Summary: Program In Chemistry

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, CHEM 1010/CHEM 1010D/CHEM 1011L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1020/CHEM 1020D/CHEM 1021L), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 43-44 *

- CHEM 1010 - General Chemistry I
- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
(1 of 4) for CHEM 1010/1010D/1011L

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
(1 of 4) CHEM 1020/1020D/1021L
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3011 - Inorganic Chemistry

- CHEM 3010 - Physical Chemistry for the Life Sciences
- CHEM 3030L - Physical Chemistry Laboratory I
or
- CHEM 3030 - Physical Chemistry I
- CHEM 3030L - Physical Chemistry Laboratory I

- CHEM 3130 - Introduction to Biochemistry
- CHEM 3130L - Introduction to Biochemistry Laboratory
- CHEM 3210 - Quantitative Analysis
- CHEM 3210L - Quantitative Analysis Laboratory

- CHEM 4310L - Synthesis Laboratory
- CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory
or
- CHEM 4150L - Genomics and Proteomics Lab
or
- CHEM 4080 - Introduction to Research
- CHEM 4083 - Undergraduate Research

- CHEM 4999
- Chemistry Elective 3
- MATH 1030 - Pre-Calculus (1 of 4)
- MATH 1070 - Introductory Calculus
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II

Minor: 18

Free Electives: 7

Total Hours: 121 - 122

*Includes hours already counted in core and/or required courses from other disciplines.

Non-degree

Chemistry Minor

Students in other majors who wish to minor in Chemistry must complete General Chemistry (CHEM 1010/CHEM 1010D/CHEM 1011L and CHEM 1020/CHEM 1020D/CHEM 1021L or CHEM 1110/CHEM 1110D/CHEM 1111L and CHEM 1120/CHEM 1120D/CHEM 1121L), Organic Chemistry (CHEM 2210/CHEM 2210D/CHEM 2230L and CHEM 2220/CHEM 2220D/CHEM 2240L), and at least two additional semester hours of Chemistry courses at the 3000 level or higher. At least 9 hours of chemistry credits must be earned at Xavier.

PrePharmacy Program

The Prepharmacy curriculum offered through the College of Arts and Sciences' Chemistry Department prepares students for pharmacy school. Students wishing to pursue a Doctor of Pharmacy (PharmD) degree through Xavier's College of Pharmacy must complete 64 credit hours of the Chemistry Prepharmacy curriculum, as specified, prior to being admitted to the PharmD program. Students interested in pursuing a Doctor of Pharmacy degree at another institution are also advised to follow the Chemistry Prepharmacy curriculum while at Xavier.

Students choosing to follow the Chemistry-Prepharmacy curriculum work closely with advisors in the Chemistry Department. The curriculum is designed specifically to conform to prerequisite course requirements for Xavier's Doctor of Pharmacy program, but students interested in other Doctor of Pharmacy programs may also follow this curriculum.

Basic Requirements: Most pharmacy schools require the following as prerequisites for admission:

- one year of general chemistry
- one year of organic chemistry
- one year of general biology
- one semester of microbiology or anatomy and physiology (or both)
- one semester of physics
- one semester of calculus
- one semester of biostatistics
- one or two semesters of English composition
- one semester of economics
- one semester of public speaking
- one semester of social science

For those students following this course of study who may opt to not pursue an advanced degree in Pharmacy, the four-year curriculum provides preparation for other careers or advanced study requiring significant background in Chemistry. Students choosing to complete the full four-year program should work closely with their academic advisor in choosing elective courses.

Students interested in entering Xavier's Doctor of Pharmacy Program must complete the courses listed below. Students majoring in areas other than Chemistry who wish to apply to Xavier's PharmD program should work closely with their academic advisor in choosing courses to satisfy the requirements of their major program while completing courses required for admission to the Xavier College of Pharmacy.

Freshman Year

First Semester

- CHEM 1010 - General Chemistry I

- CHEM 1010D - General Chemistry I
- CHEM 1011L - General Chemistry I Laboratory
- ENGL 1000 - Intensive English Composition and Rhetoric
- ENGL 1010 - English Composition and Rhetoric
- Freshman Seminar I *
- MATH 1030 - Pre-Calculus

- PSYC 1010 - Introductory Psychology
- or
- SOCI 1010 - Introduction to Sociology

Semester Hours: 15

Second Semester

- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II
- CHEM 1021L - General Chemistry II Laboratory
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- ENGL 1020 - English Composition and Literature
- Freshman Seminar I *
- MATH 1070 - Introductory Calculus

Semester Hours: 16

*Students enrolled in Xavier's Chemistry Prepharmacy Program as freshmen must also earn credit for Freshman Seminar I (FRSM 1000) and Freshman Seminar II (FRSM 1100).

Sophomore Year

First Semester

- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- CMST 1010 - Fundamentals of Public Speaking Essential Core 3
- Philosophy Essential Core 3
- PHYS 2010 - General Physics I
- PHYS 2010L - General Physics I

Semester Hours: 18

Second Semester

- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- BIOL 2010L - General Microbiology Lab
- BIOL 2015L - Microbiology Lab
- STAT 3010 - Biostatistics
- STAT 3010D - Biostatistics Drill Expansive Core
- PHIL 2400 - Health Ethics
- Theology Essential Core 3

Semester Hours: 17

Department of Computer Science

Division of Mathematical and Physical Sciences

NCF Science Addition 261 - (504) 520-7456 - <http://www.xula.edu/cpsc/index/php>

The Computer Science Department prepares students to advance computing as a science and a profession. Computing is important to virtually every other discipline so computing students learn to analyze complex interdisciplinary problems and develop good solutions using creative problem-solving skills. Students have opportunities to study mobile application development, business, data mining, graphics, robotics, networking, security, and many other computing areas. At graduation, computer science majors are leaders prepared for graduate school or for stable careers that have excellent salaries.

The Computer Science Department offers the Bachelor of Science degree in Computer Science, the Bachelor of Science degree in Computer Information Systems, the Minor in Computer Science, and a Bachelor of Science degree in Computer Science with a Dual Degree in Computer Engineering. All majors require the same introductory programming sequence then diverge and the computer science majors take more mathematics courses, the computer information systems majors take more business courses, and the dual degree computer engineering majors take more mathematics and physics courses.

At the completion of the undergraduate degree requirements, our graduates are able to apply design techniques and programming practices to solve challenging problems; they have a breadth of knowledge in the theory and practice of computing; they understand the joys and challenges of teamwork; they are able to effectively communicate their knowledge; they have had research opportunities that enhance their knowledge; and they are prepared to be life-long learners in the computing sciences and beyond.

The Department's Mission

Xavier's Computer Science Department provides a scientific foundation for learning, discovery, engagement, and innovation. These opportunities support a well-founded understanding of the principles and theories of the computing sciences so students are willing and able to have leadership roles in their careers or as they enter graduate school. The department sustains a liberal education so students are willing to fulfill their responsibilities to be ethical service-oriented professionals with a broad understanding of computing. Faculty and students contribute to computing through active research and professional service as they keep abreast of emerging technologies.

The Department's Curricula

The Computer Science Department curricula are based on the recommendations of the Association for Computing Machinery (ACM), the Association of Information Technology Professionals (AITP), and the Accreditation Board for Engineering and Technology (ABET). The University requires a minimum of 120 hours earned overall which includes the courses required to complete the core curriculum, a minor, and a major.

In addition to all University policies, the Computer Science Department majors can earn no more than 25% of their computer science (CPSC) courses from another institution. No more than 10% of their earned 3000-level or above CPSC courses can be transferred from another institution.

Bachelor of Science Degree in Computer Science

To earn a Bachelor of Science Degree in Computer Science, a student must earn a total of 120 semester hours; earn a "C" or better in all Computer Science Department courses accepted for credit; earn a "C" or better in all Mathematics Department courses accepted for credit; and earn a "C" or better in Philosophy Logic (PHIL 2040).

Bachelor of Science Degree in Computer Information Systems

To earn a Bachelor of Science Degree in Computer Information Systems, a student must earn a total of 120 semester hours; earn a "C" or better in all Computer Science Department courses accepted for credit; earn a "C" or better in all Business Division courses accepted for credit; and earn a "C" or better in Philosophy Logic (PHIL 2040).

Bachelor of Science Degree in Computer Science with a Dual Degree in Computer Engineering

Xavier also has a Dual Degree Engineering Program. This 3+2 program requires students to complete core courses and then transfer to an engineering school to complete their engineering degree requirements. Upon completion of the degree requirements, students will earn a Bachelor of Science Degree in Computer Science from Xavier and a Bachelor's Degree in Computer Engineering from their engineering school.

Concentration in Computer Science

Students choosing a double concentration in Computer Science and another discipline, must earn a total of 12 hours with a grade of "C" or better in CPSC 1710, CPSC 1720, CPSC 2120, and CPSC 2730. An additional 12 hours is required in the other selected discipline of which specific courses might be required. Students are advised to check with the selected department that houses the discipline for the most up-to-date requirements.

Graduation with Honors Distinction

Computer Science majors with (1) a 3.5 grade point average in all computer science and mathematics courses accepted for credit, and (2) a cumulative 3.3 grade point average overall have earned the graduation distinction of "Honors in Computer Science". Students must meet the academic requirements throughout their tenure in the Computer Science Department.

Computer Information Systems majors with (1) a 3.5 grade point average in all computer science and business courses accepted for credit, and (2) a cumulative 3.3 grade point average overall have earned the graduation distinction of "Honors in Computer

Information Systems". Students must meet the academic requirements throughout their tenure in the Computer Science Department.

Bachelor of Science

Computer Information Systems, B.S.

Freshman Year

First Semester

- ACCT 1010 - Principles of Accounting
- CPSC 1710 - Computer Science I
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 15

Second Semester

- CPSC 1720 - Introduction to Computer Science II
- MGMT 2060 - Principles of Management
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus
- Free Electives 1

Semester Hours: 15

Sophomore Year

First Semester

- CPSC 2730 - Data Structures
- ENGL 2010 - Introduction to World Literature I
- Language I Fundamental Core 3
- History Essential Core 3
- PHIL 2040 - Logic

Semester Hours: 15

Second Semester

- CPSC 2120 - Computer Organization and Architecture
- CPSC 2740 - Software Development
- Language II Fundamental Core (same) 3
- Social Science Essential Core 3
- Communication Studies Essential Core 3

Semester Hours: 15

Junior Year

First Semester

- CPSC 1800 - Fundamentals of Information Systems
- CPSC 3140 - Operating Systems
- CPSC 3710 - Databases, Introduction to information models and systems

- ECON 2010 - Principles of Micro Economics
or
- ECON 2020 - Principles of Macro Economics

- MATH 2550 - Discrete Structures for Computer Science and Mathematics I

Semester Hours: 15

Second Semester

- CPSC 2005 - Advanced PC's and Software Applications
- African American and Diaspora Studies Essential Core 3
- Expansive I Expansive Core 3
- Theology I Essential Core 3
- STAT 2010 - Statistical Methods I

Semester Hours: 15

Senior Year

First Semester

- CPSC Elective Major 3
- CPSC 4800 - Capstone Project I
- Business 3000+ Minor 3

- PHIL 2410 - Business Ethics
- SMKT 2050 - Principles of Marketing
- Expansive Core II 3

Semester Hours: 16

Second Semester

- CPSC 4805 - Capstone Project II
- CPSC 4999 - Senior Comprehensives
- CPSC 4999P - Senior Comprehensives Programming
- Fine Arts Essential Core 3
- Natural Science w/Lab
- BSAD 3195 - Computer-Based Information Systems
- Theology II Essential Core 3

Semester Hours: 14

Summary: Program in Computer Information Systems

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010 and ENGL 1020), Language (6 of same), Mathematics (4*, MATH 1030), and Natural Science with Lab (3)

Essential Core: 36

African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), Freshman Seminar (2, FRSM 1000 and FRSM 1100), History (3), Natural Science (4*, MATH 1070), Philosophy (6, including PHIL 2040), Physical Education (1, Activity-based), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Required Computer Science (CPSC) Courses: 33

- CPSC 1710 - Computer Science I
- CPSC 1720 - Introduction to Computer Science II
- CPSC 1800 - Fundamentals of Information Systems
- CPSC 2005 - Advanced PC's and Software Applications
- CPSC 2120 - Computer Organization and Architecture
- CPSC 2730 - Data Structures
- CPSC 2740 - Software Development
- CPSC 3140 - Operating Systems
- CPSC 3710 - Databases, Introduction to information models and systems
- CPSC Elective (3)
- CPSC 4800 - Capstone Project I

- CPSC 4805 - Capstone Project II
- CPSC 4999 - Senior Comprehensives
- CPSC 4999P - Senior Comprehensives Programming

Required Mathematics (MATH) Minor Courses: 8

- MATH 1030 - Pre-Calculus *
- MATH 1070 - Introductory Calculus *
- STAT 2010 - Statistical Methods I
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I

Required Business Minor Courses: 18

- ACCT 1010 - Principles of Accounting
- BSAD 3195 - Computer-Based Information Systems
- ECON 2010 - Principles of Micro Economics
or
- ECON 2020 - Principles of Macro Economics
- MGMT 2060 - Principles of Management
- SMKT 2050 - Principles of Marketing
- Business 3000 or above

Free Electives: 1

Total Hours: 120

*Some of these course hours are credited to the Fundamental Core, some to the Essential Core, and others to the Minor.

Computer Science with Dual Degree in Computer Engineering, B.S.

Freshman Year

First Semester

- CPSC 1710 - Computer Science I
- ENGR 1000 - Introduction to Engineering
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- MATH 1070 - Introductory Calculus
- PHYS 1121 - General Physics I

- Physical Education (activity) Essential Core 1

Semester Hours: 17

Second Semester

- CPSC 1720 - Introduction to Computer Science II
- ENGR 1100 - Introduction to Engineering Design
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 2070 - Calculus II
- PHYS 2111 - General Physics II

Semester Hours: 17

Sophomore Year

First Semester

- CPSC 2730 - Data Structures
- African American and Diaspora Studies Essential Core 3
- MATH 2080 - Calculus III
- PHYS 2121 - General Physics III
- Theology I Essential Core 3

Semester Hours: 17

Second Semester

- CPSC 2120 - Computer Organization and Architecture
- CPSC 2740 - Software Development
- Communication Studies Essential Core 3
- Expansive I Expansive Core 3
- MATH 2030 - Elementary Linear Algebra
- PHIL 2040 - Logic

Semester Hours: 18

Junior Year

First Semester

- CPSC 3140 - Operating Systems
- ENGL 2010 - Introduction to World Literature I
- Language I (same) Fundamental Core 3

- History Essential Core 3
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- Philosophy I Essential Core 3

Semester Hours: 18

Second Semester

- CPSC 3060 - Design and Analysis of Algorithms
- Social Science - Fine Arts Essential Core 6
- Language II (same) Fundamental Core 3
- MATH 2530 - Differential Equations
- Theology II Essential Core 3
- CPSC 3999 - Junior-Level Qualifying Examination

Semester Hours: 18

Taken at Engineering School

Capstone Course	0	0	Capstone
Senior Comprehensive Examination	0		
ENGR Electives	12	11	Electives
	12	11	

Summary: Computer Science With DDEP

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010 and ENGL 1020), Language (6 of same), Mathematics (4*, MATH 1070), and Natural Science with Lab (4*, PHYS 1121)

Essential Core: 36

African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), Freshman Seminar (2, FRSM 1000 and FRSM 1100), History (3), Natural Science (3, PHYS 2111), Philosophy (6, including PHIL 2040), Physical Education (1, Activity-based), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including ENGR 1000-ENGR 1100 (recommended)

Required Computer Science (CPSC) Courses: 21

- CPSC 1710 - Computer Science I
- CPSC 1720 - Introduction to Computer Science II
- CPSC 2120 - Computer Organization and Architecture
- CPSC 2730 - Data Structures
- CPSC 2740 - Software Development
- CPSC 3060 - Design and Analysis of Algorithms
- CPSC 3140 - Operating Systems
- CPSC 3999 - Junior-Level Qualifying Examination

Required Engineering (ENGR) Courses: 26

ENGR 1000 (1), ENGR 1100 (2), and an additional twenty-three (23) hours which must include an Engineering School Capstone course and completion of a Senior Comprehensive examination.

Required Mathematics (MATH) Courses: 9

- MATH 1070 - Introductory Calculus (4*)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Required Physics (PHYS) Courses: 12

- PHYS 1121 - General Physics I (4*)
- PHYS 1141 - General Physics II
- PHYS 2121 - General Physics III

Total Hours: 128

*Some of these course hours are credited to the Fundamental Core, some to the Essential Core, and others to the Minor.

Computer Science, B.S.

Freshman Year

First Semester

- CPSC 1710 - Computer Science I
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- Fine Arts Essential Core 3

- FRSM 1000 - Freshman Seminar I
- MATH 1030 - Pre-Calculus

Semester Hours: 14

Second Semester

- CPSC 1720 - Introduction to Computer Science II
- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus
- Physical Education (activity) Essential Core 1
- Free Electives Essential Core 3

Semester Hours: 15

Sophomore Year

First Semester

- CPSC 2730 - Data Structures
- ENGL 2010 - Introduction to World Literature I
- Language I (same) Fundamental Core 3
- History Essential Core 3
- STAT 2010 - Statistical Methods I

Semester Hours: 15

Second Semester

- CPSC 2120 - Computer Organization and Architecture
- CPSC 2740 - Software Development
- Language II (same) Fundamental Core 3
- Communication Studies Essential Core 3
- PHIL 2040 - Logic
- STAT 2150L - Statistics Technology Lab

Semester Hours: 16

Junior Year

First Semester

- CPSC 3140 - Operating Systems

- CPSC 3710 - Databases, Introduction to information models and systems
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- Philosophy II Essential Core 3
- Social Science Essential Core 3

Semester Hours: 15

Second Semester

- CPSC 3060 - Design and Analysis of Algorithms
- African American and Diaspora Studies Essential Core 3
- Theology I Essential Core 3
- Natural Science with Lab Fundamental Core 3
- Expansive I 3

Semester Hours: 15

Senior Year

First Semester

- CPSC Elective Major 3
- CPSC 4800 - Capstone Project I
- MATH 2030 - Elementary Linear Algebra
- Expansive Core II 3
- Free Electives 6

Semester Hours: 16

Second Semester

- CPSC 3000+ Elective Major 3
- CPSC 4805 - Capstone Project II
- CPSC 4999 - Senior Comprehensives
- CPSC 4999P - Senior Comprehensives Programming
- Free Electives 6
- Theology II Essential Core 3

Semester Hours: 14

Summary: Program in Computer Science

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010 and ENGL 1020), Language (6 of same), Mathematics (4*, MATH 1030), and Natural Science with Lab (3)

Essential Core: 36

African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), Freshman Seminar (2, FRSM 1000 and FRSM 1100), History (3), Natural Science (4*, MATH 1070), Philosophy (6, including PHIL 2040), Physical Education (1, Activity-based), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Required Computer Science (CPSC) Courses: 33

- CPSC 1710 - Computer Science I
- CPSC 1720 - Introduction to Computer Science II
- CPSC 2120 - Computer Organization and Architecture
- CPSC 2730 - Data Structures
- CPSC 2740 - Software Development
- CPSC 3060 - Design and Analysis of Algorithms
- CPSC 3140 - Operating Systems
- CPSC 3710 - Databases, Introduction to information models and systems
- CPSC 3000+
- CPSC Elective (3)
- CPSC 4800 - Capstone Project I
- CPSC 4805 - Capstone Project II
- CPSC 4999 - Senior Comprehensives
- CPSC 4999P - Senior Comprehensives Programming

Required Minor Courses: 18

If MATH minor then

- MATH 1030 - Pre-Calculus *
- MATH 1070 - Introductory Calculus *
- STAT 2010 - Statistical Methods I
- MATH 2030 - Elementary Linear Algebra
- STAT 2150L - Statistics Technology Lab (if MATH minor)
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I

Free Electives*: 9

Total Hours: 120

*Some of these course hours are credited to the Fundamental Core, some to the Essential Core, and others to the Minor

Non-degree

Computer Science Minor

Required Courses

To earn a Minor in Computer Science, a student must earn a total of 18 hours with a grade of "C" or better in

- CPSC 1710 - Computer Science I
- CPSC 1720 - Introduction to Computer Science II
- CPSC 2120 - Computer Organization and Architecture
- CPSC 2730 - Data Structures
- CPSC 2740 - Software Development
- three hours in any 3000 or 4000-level CPSC course

Department of Mathematics

Division of Mathematical and Physical Sciences

NCF Annex 530 - (504) 520-7461 - <http://www.xula.edu/math/index.html>

The Department of Mathematics offers three majors:

Mathematics
Mathematics Education
Statistics

The Mathematics major has been designed to accommodate a wide variety of career options and to encourage students to pursue a second area of interest by means of a double major, a double minor, or a combination of concentrations. A major in Mathematics coupled with a strong minor in accounting, biology, business, chemistry, computer science, economics, physics, psychology, sociology, or statistics or a double concentration in two of these areas uniquely fits one for a number of career choices as well as for graduate school. A Mathematics major takes 42 semester hours of mathematics, three hours of statistics and three hours of computer science.

The Mathematics Education degree fulfills all the requirements for a state teaching certificate in addition to providing the student with a strong background in mathematics. Students who choose this major are well prepared either to enter the teaching field immediately upon graduation or to go to graduate school. The Mathematics Education major takes thirty-one semester hours of mathematics, thirty-three semester hours of education, three semester hours of statistics and three hours of computer science.

The Statistics degree is offered in cooperation with the Louisiana State University Health Sciences Center in New Orleans (LSUHSC). The Statistics program offers Xavier students the opportunity to obtain both a B.S. degree from Xavier in Statistics and an M.S. degree in Biostatistics from LSUHSC in only five years. This program contains 27 semester hours of mathematics and 59 semester hours of statistics along with a computer programming course. Forty-four (44) of these 59 hours in statistics are taken at LSUHSC and are credited toward both the B.S. degree in Statistics at Xavier and the M.S. degree from LSUHSC (See the policies for this program below.)

During the senior year, the student in each major must pass a written comprehensive examination. For the Mathematics and Mathematics Education major, the examination covers mathematics courses required in the programs; for the Statistics major, the examination covers mathematics and statistics courses required by the program and taken on Xavier's campus.

In order for a mathematics or statistics course to be counted for degree credit, students must earn a grade of "C" or better. Furthermore, all students in these programs are required to attend all departmental meetings.

Honors in Mathematics - For placement in the Honors in Mathematics Program, students should apply to the Mathematics Department. To receive the distinction "Honors in Mathematics," students must satisfy one of the following two criteria:

1. Students must take MATH 1070H and MATH 2070H and at least four (4) additional hours of mathematics or statistics at the 2000 level or above. Examples of additional course work that satisfy these requirements are third semester calculus (MATH 2080); basic statistics with a technology lab (STAT 2010 and STAT 2150L); MATH 2030 or MATH 2530 or MATH 2550 together with a technology lab (MATH 2160L). Students must receive a cumulative grade point average of 3.3 or higher in all mathematics and statistics courses taken with no grade of "C" or below.
2. Students must take MATH 1070 (or MATH 1070H) and MATH 2070, and at least six (6) additional hours of mathematics or statistics at the 2000 level or above. Students must receive a cumulative grade point average of 3.3 or higher in all mathematics and statistics courses taken with no grade of "C" or below.

Policies for the Joint XU/LSUMC Statistics Program -- The following policies apply to the statistics major:

1. Xavier students having at least a 3.0 GPA in mathematics and statistics courses listed in the first three years of the program and having an overall GPA of at least 2.5 are eligible, upon approval of the LSUHSC Department of Biostatistics, for admission at LSUHSC to those courses listed in the fourth year of the program.
2. During the fourth year of the program, students will register at both LSUHSC and Xavier. In addition to their Xavier courses,
 - a. in the fall semester, students will register at Xavier for 14 semester hours of courses to be taken at LSUHSC, and
 - b. in the spring semester, students will register at Xavier for 10 semester hours of courses to be taken at LSUHSC. These students will be considered full-time students at Xavier and pay full Xavier tuition. At LSUHSC, the students will be considered special students, paying no additional tuition. (LSUHSC will bill Xavier directly for the LSUHSC courses in which the students are enrolled.)
3. To graduate from Xavier at the end of the fourth year of this program with a B.S. in Statistics, students must:
 - a. maintain at least a "C" grade in each of the courses taken at LSUHSC,
 - b. pass a comprehensive examination covering mathematics and statistics courses taken at Xavier, and
 - c. satisfy all other Xavier University general degree requirements.
4. Admission as a regular graduate student at LSUHSC in the fifth year of the program is contingent upon approval of the Department of Biostatistics at LSUHSC.
5. To graduate from LSUHSC with an M.S. degree from the Department of Biostatistics, students must:
 - a. maintain at least a "B" average at LSUHSC,
 - b. make an acceptable score on the Graduate Record Examination which must be taken prior to the fifth year of the program, and
 - c. satisfy all other regular requirements of the LSUHSC School of Graduate Studies and the Department of Biostatistics.

Bachelor of Science

Mathematics Education (Grades 6-12), B.S.

Mathematics Education majors should note that certification requirements are established by the Louisiana Department of Education and are subject to change. Students should consult their advisors each semester. Education majors should consult the Division of Education and Counseling section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

Freshman Year

First Semester

- MATH 1070 - Introductory Calculus

- or
- MATH 1070H - Introductory Calculus
- EDUC 1000 - Teacher Prep ***
- Communication Studies Essential Core 3
- ENGL 1000 - Intensive English Composition and Rhetoric
- or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- History Essential Core 3

Semester Hours: 14

Second Semester

- MATH 2070 - Calculus II
- or
- MATH 2070H - Calculus II
- CPSC 1710 - Computer Science I
- or
- PHYS 2510 - Computational Science & Engineering
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- PHIL 2040 - Logic
- Physical Education (activity course) Essential Core 1
- STAT 2010 - Statistical Methods I

Semester Hours: 18

Sophomore Year

First Semester

- MATH 2080 - Calculus III
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- ENGL 2010 - Introduction to World Literature I Essential Core
- Foreign Language Fundamental Core 3
- Natural Science (with lab) (BIOL recommended) Fundamental Core 3

Semester Hours: 16

Second Semester

- MATH 2030 - Elementary Linear Algebra
- MATH 2560 - Discrete Structures for Computer Science and Mathematics II
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- Foreign Language Fundamental Core 3

Semester Hours: 18

Junior Year

All majors must have passed all parts of Praxis I and should have been accepted into the Teacher Education Program before taking junior-level education courses.

First Semester

- MATH 4010 - Modern Geometry
- MATH 4095 - Abstract Algebra
- EDSC 3023M - Methods of Teaching Mathematics
- EDUC 3040 - Educational Psychology
- Fine Arts Essential Core 3
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- MATH 2160L - Mathematics Technology Lab
- MATH 4030 - History of Mathematics
- MATH 4095D - Abstract Algebra Drill
- EDSC 3023M - Methods of Teaching Mathematics
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 4090 - Adolescent Psychology
- African American and Diaspora Studies Essential Core 3
- Theology Essential Core 3

Semester Hours: 16

Senior Year

First Semester

- ECON 1030 - Introduction to Economics
- PHIL 3250 - Philosophy of Science
- CHEM, IPSC, or PHYS (recommended) Expansive Core 3
- Expansive Core 3

Semester Hours: 12

Second Semester

- MATH 4999 - Senior Comprehensives
- EDUC 4065 - Student Teaching (All Education Majors)
- EDUC 4113R - Clinical Procedures in Remedial Reading in the Elementary School
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar

Semester Hours: 12

Summary: Program in Math Education (Grades 6-12)

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CPSC 1710), Philosophy (6, PHIL 2040 and PHIL 3250), Physical Education (1, activity course), Social Science (3, ECON 1030), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including one CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*

Major: 31 **

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2160L - Mathematics Technology Lab
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- MATH 2560 - Discrete Structures for Computer Science and Mathematics II
- MATH 4010 - Modern Geometry
- MATH 4030 - History of Mathematics
- MATH 4095 - Abstract Algebra

- MATH 4095D - Abstract Algebra Drill
- MATH 4999 - Senior Comprehensives
- CPSC 1710 - Computer Science I
or
- PHYS 2510 - Computational Science & Engineering
- STAT 2010 - Statistical Methods I

Education: 33

- EDSC 3023M - Methods of Teaching Mathematics
- EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)
- EDSC 4150 - Teaching Reading in the Content Areas
- EDUC 1000 - Teacher Prep
- EDUC 2005R - Praxis PPST Reading
- EDUC 2005W - Praxis PPST Writing
- EDUC 2005M - Praxis PPST Math
- EDUC 2040 - Introduction to the Exceptional Child
- EDUC 2044 - Methods of Classroom Organization and Management
- EDUC 2200 - Multicultural Education
- EDUC 3005L - Principles of Learning and Teaching Praxis II
- EDUC 3040 - Educational Psychology
- EDUC 4005S - Praxis Specialty Area
- EDUC 4060S - Student Teaching Seminar
- EDUC 4090 - Adolescent Psychology

Total Hours: 124

*Teacher certification standards require 3 hours in CHEM, IPSC, or PHYS, in addition to the other courses listed above.

**See also required specified courses in Fundamental and Essential Core above.

***EDUC 1000 is a prerequisite for all Education courses.

Mathematics, B.S.

Freshman Year

First Semester

- MATH 1070 - Introductory Calculus
or
- MATH 1070H - Introductory Calculus
- Communication Studies Essential Core 3

- ENGL 1010 - English Composition and Rhetoric Fundamental Core
or
- ENGL 1000 - Intensive English Composition and Rhetoric Fundamental Core
- FRSM 1000 - Freshman Seminar I
- Physical Education Essential Core 1
- Social Science Essential Core 3

Semester Hours: 15

Second Semester

- MATH 2070 - Calculus II
or
- MATH 2070H - Calculus II
- STAT 2010 - Statistical Methods I
- CPSC 1710 - Computer Science I
or
- PHYS 2510 - Computational Science & Engineering
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- PHIL 2040 - Logic

Semester Hours: 17

Sophomore Year

First Semester

- MATH 2080 - Calculus III
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- ENGL 2010 - Introduction to World Literature I
- World Language Fundamental Core 3
- Minor 3 *

Semester Hours: 16

Second Semester

- MATH 2030 - Elementary Linear Algebra
- MATH 2530 - Differential Equations
- MATH 2560 - Discrete Structures for Computer Science and Mathematics II
- World Language Fundamental Core 3

- Minor 3 *

Semester Hours: 15

Junior Year

First Semester

- MATH 4050 - Real Analysis I
- Fine Arts Essential Core 3
- History Essential Core 3
- Philosophy Recommended: Bus. Ethics or Philosophy of Science 3
- Minor 3 *

Semester Hours: 15

Second Semester

- MATH 2150L - Statistics Technology Lab
or
- MATH 2160L - Mathematics Technology Lab
- MATH 4060 - Real Analysis II
- MATH 4511 - Colloquium
- African American and Diaspora Studies Essential Core 3
- Natural Science Fundamental Core 3
- Mathematics Elective 3 **
- Minor 3 *

Semester Hours: 17

Senior Year

First Semester

- MATH 4521 - Colloquium
- Expansive Core Non-Science elective 3
- Theology Essential Core 3
- Minor 3 *
- Free Electives 3

Semester Hours: 13

Second Semester

- MATH 4095 - Abstract Algebra
- MATH 4095D - Abstract Algebra Drill
- MATH 4999 - Senior Comprehensives
- Mathematics Elective 3 **
- Theology Essential Core 3
- Minor 3 *
- Free Electives 4

Semester Hours: 12

Note:

*These hours are to be used by the student to help fulfill the requirement for a minor or a double concentration. For some choices of a minor, like computer science or statistics, only 15 of these 18 hours will be needed since 3 hours are already listed as a requirement. In such a case, the other 3 hours will be free electives. Similarly, a double concentration, for example in computer science and statistics, will require only 18 hours (9 from computer science and 9 from statistics).

**Mathematics elective must be mathematics or statistics course(s) at the 2000-level or above with the exception of MATH 4001, MATH 4002, MATH 2150L/STAT 2150L and MATH 2160L. Statistics courses used as part of a minor in statistics may not also be used as mathematics elective.

Summary: Program in Mathematics

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, MATH 1070), Philosophy (6, including PHIL 2040), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

STAT 2010 and non-science elective

Major: 39

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II (1 of 4)
- MATH 2080 - Calculus III
- MATH 2150L - Statistics Technology Lab
or

- MATH 2160L - Mathematics Technology Lab
- MATH 2530 - Differential Equations
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- MATH 2560 - Discrete Structures for Computer Science and Mathematics II
- MATH 4050 - Real Analysis I
- MATH 4060 - Real Analysis II
- MATH 4095 - Abstract Algebra
- MATH 4095D - Abstract Algebra Drill
- MATH 4511 - Colloquium
- MATH 4521 - Colloquium
- MATH Electives (6)
- MATH 4999 - Senior Comprehensives
- CPSC 1710 - Computer Science I
- STAT 2010 - Statistical Methods I *

Minor: 18

Free Electives: 3

Total Hours: 120

*STAT 2010 may be used to partially fulfill the Expansive Core requirement for students whose minor or concentration is not statistics.

Statistics, B.S.

Freshman Year

First Semester

- MATH 1070 - Introductory Calculus
or
- MATH 1070H - Introductory Calculus
- Communication Studies Essential Core 3
- ENGL 1010 - English Composition and Rhetoric
or
- ENGL 1000 - Intensive English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- History Essential Core 3

Semester Hours: 14

Second Semester

- STAT 2010 - Statistical Methods I
- MATH 2070 - Calculus II
or
- MATH 2070H - Calculus II
- CPSC 1710 - Computer Science I
or
- PHYS 2510 - Computational Science & Engineering
- ENGL 1020 - English Composition and Literature Fundamental Core
- FRSM 1100 - Freshman Seminar II
- PHIL 2040 - Logic Essential Core

Semester Hours: 17

Sophomore Year

First Semester

- MATH 2080 - Calculus III
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- World Language Fundamental Core 3
- Physical Education Essential Core 1
- Theology Essential Core 3

Semester Hours: 14

Second Semester

- STAT 3010 - Biostatistics
- STAT 3010D - Biostatistics Drill
- MATH 2030 - Elementary Linear Algebra
- World Language Fundamental Core 3
- Theology Essential Core 3
- Free Electives 3

Semester Hours: 15

Junior Year

First Semester

- STAT 4040 - Mathematical Probability and Statistics I
- STAT 3810 - Regression Analysis
- African American and Diaspora Studies Essential Core 3
- BIOL 1030 - General Biology (Non-science majors) Fundamental Core
- BIOL 1030L - General Biology Lab (Non-science majors) Fundamental Core
- ENGL 2010 - Introduction to World Literature I

Semester Hours: 15

Second Semester

- STAT 2150L - Statistics Technology Lab
- STAT 4045 - Mathematical Probability and Statistics II
- STAT 4511 - Colloquium
- STAT 3820 - Analysis of Variance
- PHIL 2400 - Health Ethics Essential Core
- Expansive Core Non-science elective 3
- Fine Arts Essential Core 3

Semester Hours: 17

Senior Year

First Semester

- STAT 4521 - Colloquium
- LSUHSC: BIOS 6200 Applied Stat 4
- LSUHSC: BIOS 6204 Statistics Theory I 3
- LSUHSC: EPID 6210 Principles of Epidemiology 3
- LSUHSC: INT 220 Ethics in Biomedical Sciences 1
- LSUHSC: PUBH 6200 Public Health 3

Semester Hours: 15

Second Semester

- STAT 4999 - Senior Comprehensives
- Social Science Essential Core 3
- LSUHSC: BIOS 6202 Linear Models 3
- LSUHSC: BIOS 6206 Statistics Theory II 3
- LSUHSC: PUBH 6221 Public Health Ethics 1
- LSUHSC: BIOS Elective 3

Semester Hours: 13

Summary: Program in Statistics

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3, BIOL 1030), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, MATH 1070), Philosophy (6, PHIL 2040 and PHIL 2400), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

CPSC 1710 or PHYS 2510 (3) and non-science elective

Major: 34

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II (1 of 4)
- MATH 2080 - Calculus III
- MATH 2550 - Discrete Structures for Computer Science and Mathematics I
- STAT 2010 - Statistical Methods I
- STAT 2150L - Statistics Technology Lab
- STAT 3010 - Biostatistics
- STAT 3810 - Regression Analysis
- STAT 3820 - Analysis of Variance
- STAT 4040 - Mathematical Probability and Statistics I
- STAT 4045 - Mathematical Probability and Statistics II
- STAT 4511 - Colloquium
- STAT 4521 - Colloquium
- STAT 4999 - Senior Comprehensives

LSUHSC Fourth-Year: 24

Free Electives: 4

Total Hours: 120

Summary of M.S. Program at LSUHSC

5th Year at LSUHSC - To be Determined by LSUHSC

37 credit hours minimum required to earn an M.S. in Biostatistics

24 credit hours completed in fourth year

13 credit hours remain

Non-degree

Mathematics Minor

The minor in mathematics consists of eighteen (18) semester hours of mathematics of which at least eight must be at the 2000-level or above. The calculus sequence (MATH 1070-MATH 2070-MATH 2080) is strongly recommended as part of the minor program. Students planning to minor in mathematics should be advised by the mathematics department head or someone he or she designates as well as by their primary academic advisor.

Statistics Minor

The minor in statistics consists of eighteen (18) semester hours of statistics courses and must include one of the following sequences: STAT 2010-STAT 2020 or STAT 3010-STAT 2020. Students may not count both STAT 2010 and STAT 3010 as part of the minor in statistics. Students planning to minor in statistics should be advised by the mathematics department head or someone he or she designates as well as by their primary academic advisor.

Department of Physics

Division of Mathematical and Physical Sciences

NCF Science Annex 233 - (504) 520-7643 - <http://www.xula.edu/physics-engineering/index.html>

Programs in Physics

Students electing physics as a major have the option of pursuing a program leading to either a bachelor of science (B.S.) or a bachelor of arts (B.A.) degree. The B.S. program is designed for the student who plans a career as a physicist or as an engineer. The B.A. program is pursued by students as preparation for further study and work in such fields as medicine, law, physical chemistry, biophysics, business administration, psychology, education, and many others.

The objective of the B.S. curriculum in physics is to equip the student with those skills (logical reasoning, problem analysis and solution, techniques in experimentation) and knowledge (fundamental concepts) necessary for entry into either graduate study in physics or the work force. The B.S. curriculum requires the student to take a total of 138 semester hours, with at least 51 in physics and 22 in mathematics. The following courses are required for the B.S. degree:

PHYS 1121, PHYS 1141, PHYS 2530, PHYS 2630, PHYS 3010, PHYS 3011, PHYS 3020, PHYS 3030, PHYS 3040, PHYS 3050, PHYS 3210, PHYS 3310L, PHYS 3320L, PHYS 3510S, PHYS 4050, PHYS 4200, PHYS 4210, PHYS 4530, PHYS 4540. PHYS 3210 may be replaced with a Special Topics course in Classical Mechanics, when offered.

MATH 1030, MATH 1070, MATH 2030, MATH 2070, MATH 2080, MATH 2530.

The objective of the B.A. curriculum in physics is to enable the student to develop patterns of analytical reasoning and problem-solving which would be useful in the student's chosen area outside of physics - medicine, law, etc. It is also intended that this curriculum will enable the student to acquire experiences that will serve as a foundation for later study in the chosen area of

specialization. The student in the B.A. curriculum takes a total of 132 semester hours, with at least 24 in physics, 19 in mathematics and 24 in the area of specialization. The following courses are required for the B.A. degree:

PHYS 1121, PHYS 1141, PHYS 2530, PHYS 3030, PHYS 3210, PHYS 3310L, PHYS 3510S, PHYS 3520S. PHYS 3210 may be replaced with a Special Topics course in Classical Mechanics, when offered.

MATH 1030, MATH 1070, MATH 2030, MATH 2070, MATH 2080.

All majors must take a written comprehensive examination during the senior year dealing with the fundamentals of the various fields of physics and attend all departmental meetings. All dual degree engineering majors need to take a written examination in their junior year to receive a physics degree after completing the engineering degree requirements. In order for a physics or mathematics course to be counted for degree credit, a student must have a "C" or better in it.

All programs require taking the CHEM 1110-CHEM 1120 sequence, however the CHEM 1010-CHEM 1020 sequence may be substituted if a scheduling conflict does not permit taking the recommended 1110-1120 sequence. Note that a student's chemistry courses must all be in one of the sequences.

Bachelor of Arts

Physics Dual Degree Civil Engineering, B.A.

Programs in Engineering

The Department of Physics supports the dual degree engineering programs in Civil Engineering, Electrical Engineering, Environmental Engineering, and Mechanical Engineering that are detailed in the following pages. For more information regarding Dual Degree Engineering Programs, students should consult with the Director of Dual Degree Engineering Programs and see the information about Dual Degree Engineering Programs in this catalog.

All programs require taking the CHEM 1110-CHEM 1120 sequence, however the CHEM 1010-CHEM 1020 sequence may be substituted if a scheduling conflict does not permit taking the recommended CHEM 1110-CHEM 1120 sequence. Note that a student's chemistry courses must all be in one of the sequences.

Students have the option of pursuing a B.S. degree in physics rather than a B.A. degree. A student who wishes to receive the B.S. degree must satisfy the requirements for the B.A. degree and in addition take three PHYS courses from the following list: PHYS 3010, PHYS 3011, PHYS 3020, PHYS 3030, PHYS 3040, PHYS 4050. None of the three courses can be a course that is already required for the B.A. degree or that has already been counted as a physics elective.

Freshman Year

First Semester

- PHYS 1121 - General Physics I
- ENGR 1000 - Introduction to Engineering
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- MATH 1070 - Introductory Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Second Semester

- PHYS 1141 - General Physics II
- ENGR 1100 - Introduction to Engineering Design
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 2070 - Calculus II

Semester Hours: 18

Sophomore Year

First Semester

- PHYS 2530 - Vibrations and Waves
- ENGR 1061 - Modern Engineering Graphics
- Expansive Core 3
- MATH 2080 - Calculus III
- Theology Essential Core 3

Semester Hours: 17

Second Semester

- PHYS 3310L - Advanced Laboratory
or
- PHYS 3320L - Advanced Laboratory
- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar
- African American and Diaspora Studies Essential Core 3
- Communication Studies Essential Core 3
- History Essential Core 3
- MATH 2030 - Elementary Linear Algebra

- Theology Essential Core 3

Semester Hours: 17

Junior Year

First Semester

- PHYS or ENGR Electives 3
- PHYS 3050 - Modern Physics
- ENGR 2210 - Mechanics-Statics
- ENGL 2010 - Introduction to World Literature I
- MATH 2530 - Differential Equations
- Philosophy Essential Core 3
- PHYS 3999 - Qualifying Examination for Dual Degree Engineering Majors.

Semester Hours: 18

Second Semester

- PHYS or ENGR Electives 3
- ENGR 2630 - Analytical Methods for Physics and Engineering
- ENGR 2020 - Mechanics-Dynamics
- Fine Arts Essential Core 3
- PHIL 2040 - Logic
- Social Science Essential Core 3

Semester Hours: 18

Taken at Engineering School

Foreign Language	6	Fundamental Core
ENGR Electives	18	
	24	

Summary: Program: B.A. Physics Dual Degree Civil Engineering

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3 of 4, PHYS 1121), World Language (6)

Essential Core: 36

Freshmen Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1120), Philosophy (6, including PHIL 2040), Physical Education (1, activity-based), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including ENGR 1000-ENGR 1100 (1-2) (recommended)

Major: 55

- PHYS 1121 - General Physics I (3 of 4)
- PHYS 1141 - General Physics II
- PHYS 2530 - Vibrations and Waves
- PHYS 3050 - Modern Physics

- PHYS 3310L - Advanced Laboratory
or
- PHYS 3320L - Advanced Laboratory

- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar

- PHYS or ENGR electives (6)
- ENGR 1000 - Introduction to Engineering
- ENGR 1100 - Introduction to Engineering Design
- ENGR 1061 - Modern Engineering Graphics
- ENGR 2020 - Mechanics-Dynamics
- ENGR 2210 - Mechanics-Statics
- ENGR 2630 - Analytical Methods for Physics and Engineering
- ENGR electives (18)
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab (1 of 4)

Minor: 15

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Total Hours: 130

Physics Dual Degree Electrical Engineering, B.A.

Programs in Engineering

The Department of Physics supports the dual degree engineering programs in Civil Engineering, Electrical Engineering, Environmental Engineering, and Mechanical Engineering that are detailed in the following pages. For more information regarding Dual Degree Engineering Programs, students should consult with the Director of Dual Degree Engineering Programs and see the information about Dual Degree Engineering Programs in this catalog.

All programs require taking the CHEM 1110-CHEM 1120 sequence, however the CHEM 1010-CHEM 1020 sequence may be substituted if a scheduling conflict does not permit taking the recommended CHEM 1110-CHEM 1120 sequence. Note that a student's chemistry courses must all be in one of the sequences.

Students have the option of pursuing a B.S. degree in physics rather than a B.A. degree. A student who wishes to receive the B.S. degree must satisfy the requirements for the B.A. degree and in addition take three PHYS courses from the following list: PHYS 3010, PHYS 3011, PHYS 3020, PHYS 3030, PHYS 3040, PHYS 4050. None of the three courses can be a course that is already required for the B.A. degree or that has already been counted as a physics elective.

Freshman Year

First Semester

- PHYS 1121 - General Physics I
- ENGR 1000 - Introduction to Engineering
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- MATH 1070 - Introductory Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Second Semester

- PHYS 1141 - General Physics II
- ENGR 1100 - Introduction to Engineering Design
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II

- MATH 2070 - Calculus II

Semester Hours: 18

Sophomore Year

First Semester

- PHYS 2530 - Vibrations and Waves
- Communication Studies Essential Core 3
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations
- Theology Essential Core 3

Semester Hours: 17

Second Semester

- PHYS 3310L - Advanced Laboratory
or
- PHYS 3320L - Advanced Laboratory

- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar

- ENGR 2630 - Analytical Methods for Physics and Engineering
- PHYS 2510 - Computational Science & Engineering
- MATH 2030 - Elementary Linear Algebra
- PHIL 2040 - Logic
- Theology Essential Core 3

Semester Hours: 17

Junior Year

First Semester

- PHYS 3010 - Electricity and Magnetism I
- PHYS 3050 - Modern Physics
- ENGR 2210 - Mechanics-Statics
- ENGL 2010 - Introduction to World Literature I
- History Essential Core 3
- Philosophy Essential Core 3
- PHYS 3999 - Qualifying Examination for Dual Degree Engineering Majors.

Semester Hours: 18

Second Semester

- PHYS 3011 - Electricity and Magnetism II
- PHYS/ENGR Elective 3
- Expansive Core 3
- Fine Arts Essential Core 3
- African American and Diaspora Studies Essential Core 3
- Social Science Essential Core 3

Semester Hours: 18

Taken at Engineering School

Foreign Language	6	Fundamental Core
ENGR Electives	18	
	24	

Summary: Program: B.A. Physics Dual Degree Electrical Engineering

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3 of 4, PHYS 1121), World Language (6)

Essential Core: 36

Freshmen Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1120), Philosophy (6, including PHIL 2040), Physical Education (1, activity-based), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including ENGR 1000-ENGR 1100 (1-2) (recommended)

Major: 55

- PHYS 1121 - General Physics I (1 of 4)
- PHYS 1141 - General Physics II
- PHYS 2530 - Vibrations and Waves

- PHYS 3310L - Advanced Laboratory
or

- PHYS 3320L - Advanced Laboratory
- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar
- PHYS 3010 - Electricity and Magnetism I
- PHYS 3011 - Electricity and Magnetism II
- PHYS 3050 - Modern Physics
- PHYS/ENGR elective (3)
- ENGR 1000 - Introduction to Engineering
- ENGR 1100 - Introduction to Engineering Design
- ENGR 2210 - Mechanics-Statics
- ENGR 2630 - Analytical Methods for Physics and Engineering
- ENGR electives (18)
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab (1 of 4)
- PHYS 2510 - Computational Science & Engineering

Minor: 15

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Total Hours: 130

Physics Dual Degree Environmental Engineering, B.A.

Programs in Engineering

The Department of Physics supports the dual degree engineering programs in Civil Engineering, Electrical Engineering, Environmental Engineering, and Mechanical Engineering that are detailed in the following pages. For more information regarding Dual Degree Engineering Programs, students should consult with the Director of Dual Degree Engineering Programs and see the information about Dual Degree Engineering Programs in this catalog.

All programs require taking the CHEM 1110-CHEM 1120 sequence, however the CHEM 1010-CHEM 1020 sequence may be substituted if a scheduling conflict does not permit taking the recommended CHEM 1110-CHEM 1120 sequence. Note that a student's chemistry courses must all be in one of the sequences.

Students have the option of pursuing a B.S. degree in physics rather than a B.A. degree. A student who wishes to receive the B.S. degree must satisfy the requirements for the B.A. degree and in addition take three PHYS courses from the following list: PHYS

3010, PHYS 3011, PHYS 3020, PHYS 3030 , PHYS 3040, PHYS 4050. None of the three courses can be a course that is already required for the B.A. degree or that has already been counted as a physics elective.

Freshman Year

First Semester

- PHYS 1121 - General Physics I
- ENGR 1000 - Introduction to Engineering
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- MATH 1070 - Introductory Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Second Semester

- PHYS 1141 - General Physics II
- ENGR 1100 - Introduction to Engineering Design
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 2070 - Calculus II

Semester Hours: 18

Sophomore Year

First Semester

- PHYS 2530 - Vibrations and Waves
- ENGR 1061 - Modern Engineering Graphics
- Expansive Core 3
- MATH 2080 - Calculus III
- Theology Essential Core 3

Semester Hours: 17

Second Semester

- PHYS 3310L - Advanced Laboratory
or
- PHYS 3320L - Advanced Laboratory

- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar

- African American and Diaspora Studies Essential Core 3
- Communication Studies Essential Core 3
- History Essential Core 3
- MATH 2030 - Elementary Linear Algebra
- Theology Essential Core 3

Semester Hours: 17

Junior Year

First Semester

- PHYS 3050 - Modern Physics
- PHYS or ENGR Electives 3
- ENGR 2210 - Mechanics-Statics
- ENGL 2010 - Introduction to World Literature I
- MATH 2530 - Differential Equations
- Philosophy Essential Core 3
- PHYS 3999 - Qualifying Examination for Dual Degree Engineering Majors.

Semester Hours: 18

Second Semester

- PHYS or ENGR Electives 3
- ENGR 2630 - Analytical Methods for Physics and Engineering
- ENGR 2020 - Mechanics-Dynamics
- Fine Arts Essential Core 3
- PHIL 2040 - Logic
- Social Science Essential Core 3

Semester Hours: 18

Taken at Engineering School

Foreign Language 6 Fundamental Core

ENGR Electives 18

24

Summary: Program: B.A. Physics Dual Degree Environmental Engineering

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3 of 4, PHYS 1121), World Language (6)

Essential Core: 36

Freshmen Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1120), Philosophy (6, including PHIL 2040), Physical Education (1, activity-based), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including ENGR 1000-ENGR 1100 (1-2) (recommended)

Major: 55

- PHYS 1121 - General Physics I (1 of 4)
- PHYS 1141 - General Physics II
- PHYS 2530 - Vibrations and Waves
- PHYS 3050 - Modern Physics

- PHYS 3310L - Advanced Laboratory
or
- PHYS 3320L - Advanced Laboratory

- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar

- PHYS or ENGR electives (6)
- ENGR 1000 - Introduction to Engineering
- ENGR 1100 - Introduction to Engineering Design
- ENGR 1061 - Modern Engineering Graphics
- ENGR 2020 - Mechanics-Dynamics
- ENGR 2210 - Mechanics-Statics
- ENGR 2630 - Analytical Methods for Physics and Engineering

- ENGR electives (18)
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab (1 of 4)

Minor: 15

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Total Hours: 130

Physics Dual Degree Mechanical Engineering, B.A.

Programs in Engineering

The Department of Physics supports the dual degree engineering programs in Civil Engineering, Electrical Engineering, Environmental Engineering, and Mechanical Engineering that are detailed in the following pages. For more information regarding Dual Degree Engineering Programs, students should consult with the Director of Dual Degree Engineering Programs and see the information about Dual Degree Engineering Programs in this catalog.

All programs require taking the CHEM 1110-CHEM 1120 sequence, however the CHEM 1010-CHEM 1020 sequence may be substituted if a scheduling conflict does not permit taking the recommended CHEM 1110-CHEM 1120 sequence. Note that a student's chemistry courses must all be in one of the sequences.

Students have the option of pursuing a B.S. degree in physics rather than a B.A. degree. A student who wishes to receive the B.S. degree must satisfy the requirements for the B.A. degree and in addition take three PHYS courses from the following list: PHYS 3010, PHYS 3011, PHYS 3020, PHYS 3030, PHYS 3040, PHYS 4050. None of the three courses can be a course that is already required for the B.A. degree or that has already been counted as a physics elective.

Freshman Year

First Semester

- PHYS 1121 - General Physics I
- ENGR 1000 - Introduction to Engineering
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

- ENGL 1000 - Intensive English Composition and Rhetoric

or

- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- MATH 1070 - Introductory Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Second Semester

- PHYS 1141 - General Physics II
- ENGR 1100 - Introduction to Engineering Design
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- MATH 2070 - Calculus II

Semester Hours: 18

Sophomore Year

First Semester

- PHYS 2530 - Vibrations and Waves
- ENGR 1061 - Modern Engineering Graphics
- Expansive Core 3
- MATH 2080 - Calculus III
- Theology Essential Core 3

Semester Hours: 17

Second Semester

- PHYS 3310L - Advanced Laboratory
- or
- PHYS 3320L - Advanced Laboratory
- PHYS 3510S - Physics and Engineering Seminar
- or
- PHYS 3520S - Physics and Engineering Seminar
- African American and Diaspora Studies Essential Core 3
- Communication Studies Essential Core 3

- History Essential Core 3
- MATH 2030 - Elementary Linear Algebra
- Theology Essential Core 3

Semester Hours: 17

Junior Year

First Semester

- PHYS or ENGR Electives 3
- PHYS 3050 - Modern Physics
- ENGR 2210 - Mechanics-Statics
- ENGL 2010 - Introduction to World Literature I
- MATH 2530 - Differential Equations
- Philosophy Essential Core 3
- PHYS 3999 - Qualifying Examination for Dual Degree Engineering Majors.

Semester Hours: 18

Second Semester

- PHYS or ENGR Electives 3
- ENGR 2020 - Mechanics-Dynamics
- ENGR 2630 - Analytical Methods for Physics and Engineering
- Fine Arts Essential Core 3
- PHIL 2040 - Logic
- Social Science Essential Core 3

Semester Hours: 18

Taken at Engineering School

Foreign Language	6	Fundamental Core
ENGR Electives	18	
	24	

Summary: Program: B.A. Physics Dual Degree Mechanical Engineering

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3 of 4, PHYS 1121), World Language (6)

Essential Core: 36

Freshmen Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, CHEM 1120), Philosophy (6, including PHIL 2040), Physical Education (1, activity-based), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Including ENGR 1000-ENGR 1100 (1-2) (recommended)

Major: 55

- PHYS 1121 - General Physics I (1 of 4)
- PHYS 1141 - General Physics II
- PHYS 2530 - Vibrations and Waves
- PHYS 3050 - Modern Physics

- PHYS 3310L - Advanced Laboratory
or
- PHYS 3320L - Advanced Laboratory

- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar

- PHYS or ENGR electives (6)
- ENGR 1000 - Introduction to Engineering
- ENGR 1100 - Introduction to Engineering Design
- ENGR 1061 - Modern Engineering Graphics
- ENGR 2020 - Mechanics-Dynamics
- ENGR 2210 - Mechanics-Statics
- ENGR 2630 - Analytical Methods for Physics and Engineering
- ENGR electives (18)
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab (1 of 4)

Minor: 15

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Total Hours: 130

Physics, B.A.

Freshman Year

First Semester

- PHYS 1121 - General Physics I
- CPSC Elective 3 (PHYS 2510 recommended)

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- FRSM 1000 - Freshman Seminar I
- MATH 1070 - Introductory Calculus
- Physical Education (activity course) Essential Core 1

Semester Hours: 16

Second Semester

- PHYS 1141 - General Physics II
- ENGL 1020 - English Composition and Literature
- Communication Studies Essential Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 2070 - Calculus II

Semester Hours: 15

Sophomore Year

First Semester

- PHYS 2530 - Vibrations and Waves
- Foreign Language Fundamental Core 3
- History Essential Core 3
- MATH 2080 - Calculus III
- Free Electives 3

Semester Hours: 17

Second Semester

- Foreign Language Fundamental Core 3
- African American and Diaspora Studies Essential Core 3
- Fine Arts Essential Core 3
- MATH 2030 - Elementary Linear Algebra
- Social Science Essential Core 3

Semester Hours: 15

Junior Year

First Semester

- PHYS 3050 - Modern Physics
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- ENGL 2010 - Introduction to World Literature I
- PHYS 3310L - Advanced Laboratory
- Free Electives 3
- Theology Essential Core 3

Semester Hours: 17

Second Semester

- MATH 2530 - Differential Equations
- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- Free Electives 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 17

Senior Year

First Semester

- Expansive Core 6

- Free Electives 9
- Philosophy Essential Core 3

Semester Hours: 18

Second Semester

- PHYS 3000-level Elective 3
- PHYS 3210 - Mechanics-Statics
- PHYS 3320L - Advanced Laboratory
- PHYS 4999 - Senior Comprehensives
- Free Electives 10

Semester Hours: 17

Summary: B.A. Program in Physics

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1070), Natural Science (3 of 4, PHYS 1121), World Language (6)

Essential Core: 36

Freshmen Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, PHYS 1141), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 29

- PHYS 1121 - General Physics I (1 of 4)
- PHYS 1141 - General Physics II (1 of 4)
- PHYS 2530 - Vibrations and Waves
- PHYS 3050 - Modern Physics
- PHYS 3210 - Mechanics-Statics
- PHYS 3310L - Advanced Laboratory
- PHYS 3320L - Advanced Laboratory
- PHYS 3510S - Physics and Engineering Seminar
- PHYS 3520S - Physics and Engineering Seminar
- PHYS 3000-level or higher elective (3)
- PHYS 4999 - Senior Comprehensives
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab

- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- CPSC Elective (PHYS 2510 recommended)

Minor: 15

- MATH 1070 - Introductory Calculus (1 of 4)
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Free Electives: 28

Total Hours: 132

*The B.A. Program in physics contains twenty-eight (28) semester hours of free electives. With the assistance of his or her advisor, the student may appropriately choose those elective courses that will strengthen preparation for careers in such areas as business, law, medicine, etc.

Bachelor of Science

Physics, B.S.

Freshman Year

First Semester

- Communication Studies Essential Core 3
- CPSC Elective 3 (CPSC 1710 recommended)
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- FRSM 1000 - Freshman Seminar I
- History Essential Core 3
- MATH 1030 - Pre-Calculus

Semester Hours: 17

Second Semester

- PHYS 1121 - General Physics I

- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1070 - Introductory Calculus
- Social Science Essential Core 3

Semester Hours: 18

Sophomore Year

First Semester

- PHYS 1141 - General Physics II
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- ENGL 2010 - Introduction to World Literature I
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II

Semester Hours: 18

Second Semester

- PHYS 2530 - Vibrations and Waves
- PHYS 2630 - Analytical Methods for Physics and Engineering
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Semester Hours: 18

Junior Year

First Semester

- PHYS 3010 - Electricity and Magnetism I
- PHYS 3210 - Mechanics-Statics
- PHYS 3310L - Advanced Laboratory
- PHYS 4530 - Special Topics
- Foreign Language Fundamental Core 3
- PHYS 3999 - Qualifying Examination for Dual Degree Engineering Majors.

Semester Hours: 16

Second Semester

- PHYS 3011 - Electricity and Magnetism II
- PHYS 3020 - Mechanics-Dynamics
- PHYS 3040 - Thermodynamics
- PHYS 3320L - Advanced Laboratory

- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar

- Foreign Language Fundamental Core 3
- Free Electives 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 18

Senior Year

First Semester

- PHYS 3050 - Modern Physics
- PHYS 4200 - Physics Projects
- PHYS 4540 - Special Topics
- Expansive Core 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 16

Second Semester

- PHYS 4050 - Quantum Physics
- PHYS 4210 - Physics Projects
- PHYS 4999 - Senior Comprehensives
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 17

Summary: B.S. Program in Physics

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030), Natural Science (3 of 4, PHYS 1121), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3 of 4, PHYS 1141), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 56

- PHYS 1121 - General Physics I (1 of 4)
- PHYS 1141 - General Physics II (1 of 4)
- PHYS 2530 - Vibrations and Waves
- PHYS 2630 - Analytical Methods for Physics and Engineering
- PHYS 3010 - Electricity and Magnetism I
- PHYS 3011 - Electricity and Magnetism II
- PHYS 3020 - Mechanics-Dynamics
- PHYS 3040 - Thermodynamics
- PHYS 3050 - Modern Physics
- PHYS 3210 - Mechanics-Statics
- PHYS 3310L - Advanced Laboratory
- PHYS 3320L - Advanced Laboratory

- PHYS 3510S - Physics and Engineering Seminar
or
- PHYS 3520S - Physics and Engineering Seminar

- PHYS 4050 - Quantum Physics
- PHYS 4200 - Physics Projects
- PHYS 4210 - Physics Projects
- PHYS 4530 - Special Topics
- PHYS 4999 - Senior Comprehensives
- CHEM 1110 - Chemistry I
- CHEM 1110D - Chemistry I
- CHEM 1111L - Chemistry I Lab
- CHEM 1120 - Chemistry II
- CHEM 1120D - Chemistry II
- CHEM 1121L - Chemistry II Lab
- CPSC Elective (PHYS 2510 recommended)

Minor: 19

- MATH 1030 - Pre-Calculus (1 of 4)
- MATH 1070 - Introductory Calculus
- MATH 2030 - Elementary Linear Algebra
- MATH 2070 - Calculus II
- MATH 2080 - Calculus III
- MATH 2530 - Differential Equations

Free Electives: 3

Total Hours: 138

Non-degree

Physics Minor

A minor in Physics consists of 18 hours of designated physics courses. There are two possibilities:

1. Students can complete the introductory calculus-based physics sequence (PHYS 1121, PHYS 1141, and PHYS 2530) and six hours of any combination of upper-level physics courses (upper level courses include PHYS 2630 as well as any 3000 and above courses); or
2. Students can complete the introductory non-calculus based sequence (PHYS 2010/PHYS 2010L and PHYS 2020/PHYS 2020L) and 10 hours of upper-level courses from the following: PHYS 2530, PHYS 3040, PHYS 3050, PHYS 3310L, PHYS 3320L, PHYS 3510S, PHYS 3520S, and PHYS 3060 and PHYS 4530/PHYS 4540 (please note that Physics 4530 requires the permission of the instructor). Other upper-level courses may be possible with permission of the department head and the instructor and the proper prerequisites.

Division of Social and Behavioral Sciences

Division of Social and Behavioral Sciences

Xavier's Division of Social and Behavioral Sciences (DSBS) joins six departments into a dynamic and innovative center for the study of people as social beings- their communication, organization, development, identification, and struggles. Coming from Psychology, Political Science, Sociology, Speech Pathology, Mass Communication and Communication Studies, DSBS disciplines employ distinct methods and theories to study the lived, imagined, differentiated, emotional, behavioral, historical, and segmented forms and contexts of human social behavior. Students choosing a DSBS major tend to enjoy working with some combination of people, data, and ideas, and they enjoy learning beyond the confines of books and classrooms.

The Division of Social and Behavioral Sciences contributes to Xavier's mission through longstanding, shared commitments and approaches to teaching social and behavioral sciences. Despite distinct disciplinary approaches, several core values are shared: commitment to social justice, student success, community engagement, and hands-on learning. With small classes, flexible majors, and a multitude of classroom formats, students are trained in intimate, hands-on settings that open the world and leave the traditional classroom behind.

The Division's abiding commitments to social justice, student success, community engagement, and hands-on learning are the foundation for Xavier's tradition of excellence in social and behavioral research and instruction. The 27 full-time faculty members collectively hold 26 doctorate degrees, five Norman C. Francis Faculty Excellence Awards, and six endowed professorships. They have authored dozens of books and scores of articles. They compete successfully for grants from major scientific communities such as NSF and NIH. They hold leadership positions in professional organizations and serve as advisors to social service and civic agencies in New Orleans. The departments also send inordinate numbers of students into graduate and professional school each year. DSBS alumni are elected leaders, local TV personalities, professors, lawyers, psychologists, teachers, social workers, and civic leaders. Learn more about the people who make up DSBS at www.xula.edu/dsbs.

Degree options are listed below. Within these programs, students have varied interests and intended career paths such as: law, public health, counseling, social work, speech pathology, broadcasting and reporting, criminal justice, clinical psychology, public relations, public administration, environmental protection, business, education, public policy, health care, human resources, labor organizing, community development, public opinion research, international development, diplomacy, marketing, or urban and regional planning (to name a few).

- B.A. in Communication Studies
- B.A. in Mass Communication - Broadcast Concentration
- B.A. in Mass Communication -Strategic Communication/ Public Relations Concentration
- B.A. in Political Science - Accelerated Pre-Law Program
- B.A. in Political Science - Accelerated Public Affairs Program
- B.A. in Political Science - American National Institutions Concentration
- B.A. in Political Science - International Affairs Concentration
- B.A. in Political Science - Public Law Concentration
- B.A. in Political Science - Urban Politics Concentration
- B.A. in Sociology
- B.A. in Sociology - Accelerated Sociology of Public Service Program
- B.A. in Sociology - Health, Medicine & Society Concentration
- B.S. in Psychological Science
- B.S. in Premedical Psychology
- B.S. in Speech Pathology

Department of Communication Studies

Division of Social and Behavioral Sciences

Xavier South Suite 510 - (504) 520-5087 - <http://www.xula.edu/communicationstudies>

Communication Studies is a broad academic area that studies and applies communication in many different contexts, including relationships, culture, and performance. In Communication Studies, classes are connected to New Orleans and beyond; students attend national conferences and performance festivals; and students and faculty collaborate on research projects. In addition, the department sponsors provocative campus events. In essence, Communication Studies considers the diverse ways that people make their worlds through communication by doing that work alongside students. In doing so, Communication Studies trains students to apply their communication skills to a chosen profession and/or graduate school.

Communication skills are at the top of every employers "must have" list when hiring new graduates, so all department majors develop a strategy for applying their communication skills to the career of their choice. The interdisciplinary approach to the study of communication is also great preparation for graduate school in a wide range of disciplines, from the Humanities to the Social Sciences.

Because students are educated in a broad range of areas, including Applied Communication, Communication and Culture, and Performance Studies, a degree in Communication Studies prepares graduates for a wide array of career choices.

The Department of Communication Studies provides a program of study leading to the Bachelor of Arts degree. To earn the B.A. degree, Communication Studies majors must earn a "C" or better in all of their required major courses, take a lower-level and an upper-level CMST service-learning designated course and pass CMST 4900 (Communication Studies Capstone), which satisfies the University's senior comprehensive exam requirement. Students are strongly encouraged to take advantage of the flexibility in the major and the core curriculum in order to apply 9 free elective credits to study abroad, double major, or double minor.

The Department also offers CMST 1010 and CMST 1011H (Fundamentals of Public Speaking and Honors), CMST 1400 (Interpersonal Communication), CMST 1500 (Intercultural Communication), and CMST 1080 (Health Communication) which fulfill the essential core requirement in communication. CMST 2010 (Performance of Literature) fulfills the Fine Arts requirement of the core curriculum.

Honors in Communication Studies - Students with a cumulative GPA of at least 3.0 will graduate with an honors distinction in Communication Studies by completing a minimum of any three CMST courses with a total of 9 credit hours with a combined GPA in all CMST courses of 3.5 or higher. At least three of these hours must be completed at the 3000-level or higher. This distinction and its criterion of a 3.5 GPA in Communication Studies applies to all students, including students majoring and minoring in Communication Studies. To be eligible, students must have an overall GPA of 3.0.

Concentration in Communication Studies - Students choosing a double concentration in Communication Studies and another discipline may complete any 12 hours of CMST coursework. An additional 12 hours is required in the other selected discipline of which specific courses might be required. Students are advised to check with the selected department that houses the discipline for the most up-to-date requirements.

Mission and Learning Outcomes

The Communication Studies program is committed to the promotion of social justice through its curriculum, research, and community service. The program equips students for the responsibilities of global citizenship, leadership, and service in an increasingly complex world that requires sophisticated theoretical, critical, and practical understanding of human communication. Communication Studies courses focus on communication processes found in both the humanities and the social sciences in the following areas: Applied Communication, Communication and Culture, and Performance Studies.

In order to satisfy this mission, the Department of Communication Studies:

- educates students in the philosophy, history, theory, and practice of communication studies from a variety of perspectives;
- trains students to become ethical communicators;
- assists students in articulating the relationship between communication, culture, and identity;
- engages students in service-learning practices that demonstrate civic engagement and promote social justice;
- equips students with communication research skills; and
- prepares students for graduate school in communication and/or careers that require skilled professional practices in communication.

Non-degree

Communication Studies Minor

The minor consists of eighteen hours of course work in Communication Studies including: CMST 1000; any six hours in CMST at the 1000-/2000-level; CMST 3030; and any six hours in CMST at the 3000-/4000-level. Any CMST course that is used to satisfy the College of Arts and Sciences Core Curriculum requirement for Oral Communication is included in the required eighteen hours of CMST course work.

Department of Mass Communication

Division of Social and Behavioral Sciences

Xavier South Suite 570 (504) 520-5092

<http://www.xula.edu/masscommunication/index.php>

Xavier's Department of Mass Communication is a distinguished and expansive part of the University's academic profile that provides opportunities to study in two different areas of Mass Communication: Broadcasting, and Strategic Communication and Public Relations. Students receive practical experience in addition to a theoretical foundation. Dedicated and engaged faculty help prepare students for employment in various fields of Mass Communication and for success in graduate and professional schools. Students can major or minor in Mass Communication. While each concentration has its own goals, the Department has established a common mission to:

- prepare students to become effective and ethical mass communication professionals in a diverse and global society;
- train students in problem solving and higher-level critical thinking skills;
- amplify students' proficiency in the discipline and industry languages of the mass communication profession; and
- prepare students to become competitively marketable practitioners or proficient in professional/graduate school.

Learning Outcomes

In addition to satisfying the department's mission, the Mass Communication (MSCM) major is designed to:

- develop students who have the flexibility and adaptability to compete in a changing job market;
- develop students who demonstrate responsible, ethical attitudes toward the role of media and toward media professions, and
- prepare students to ultimately move into management and leadership positions in the media.

Hands-on Training

The Department houses several student-run media outlets including Xavier Television (XTV), Xavier Web Radio (XRadio/Da Stoop), Xavier Newsmagazine (Xcel), and for the University, Xavier Herald Newspaper and Xavier Sports Broadcasting (XSB). The Department also sponsors two nationally recognized student professional associations in mass communication - the National Association of Black Journalists (NABJ) and the Public Relations Student Society of America (PRSSA). In addition, the Department offers students a myriad of opportunities in service learning and undergraduate research via Xavier's Annual Festival of Scholars and XULAnEXUS -Xavier's Online Undergraduate Scholarly Journal. All MSCM student media outlets and organizations are open to participation to all Xavier students. These groups provide students with opportunities to strengthen leadership, writing, speaking and production skills outside of the classroom.

Practicum classes that provide students in-house opportunities to understand a segment of the Mass Communication industry are available for academic credit for majors and non-majors in all concentrations. Additionally, the Department has a structured and closely monitored Internship Program for credit that matches Xavier majors with first-rate industry practitioners in the city of New Orleans, throughout the United States, and abroad.

The University mandates that all majors attend all departmental meetings in order to keep abreast of changes within the University, the Department, and the student's discipline of study. The Department of Mass Communication takes this directive very seriously and strongly encourages all of its majors to comply.

Concentrations in Mass Communication

Mass Communication majors take Mass Communication core courses during their freshman and sophomore years. At the end of the spring semester in the sophomore year, each major must declare an area of concentration: broadcasting or strategic communication/public relations. Students will follow the program for their area of concentration until they complete the major.

Bachelor of Arts

Communication Studies, B.A.

Freshman Year

First Semester

- CMST 1000 - Introduction to Communication Studies
- CMST 1010 - Fundamentals of Public Speaking
or
- CMST 1011H - Fundamentals of Public Speaking (Honors)
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- History Essential Core 3
- Physical Education (activity course) Essential Core 1
- FRSM 1000 - Freshman Seminar I

Semester Hours: 14

Second Semester

- CMST 1400 - Interpersonal Communication
or
- CMST 1500 - Intercultural Communication
or
- CMST 1080 - Health Communication

- ENGL 1020 - English Composition and Literature
- Natural Science w/ Lab Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- Mathematics Fundamental Core 3
- Social Science Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- CMST 2010 - Performance of Literature
- Natural Science Essential Core 3

- ENGL 2010 - Introduction to World Literature I
or
- ENGL 2011H - Introduction to World Literature for Honors Students

- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3

Semester Hours: 15

Second Semester

- CMST 2180 - Introduction to Cultures and Rhetorics
- Foreign Language Fundamental Core 3
- Theology Essential Core 3
- Philosophy Essential Core 3
- Minor 3

Semester Hours: 15

Junior Year

First Semester

- CMST 3010 - Introduction to Communication Theory
- CMST Elective Communication Studies 3 *
- Expansive Core 3
- Free Elective 3
- Minor 3

Semester Hours: 15

Second Semester

- CMST 3020 - Introduction to Communication Studies Research
- CMST 3030 - Race, Culture and Communication
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Minor 3

Semester Hours: 15

Senior Year

First Semester

- CMST Elective Communication Studies 3 *
- CMST 4900 - Communication Studies Capstone
- Free Elective 3
- Minor 3
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- CMST Elective Communication Studies 3 *
- Philosophy Essential Core 3
- Free Elective 3
- Minor 6

Semester Hours: 15

Note:

*To complete this requirement, students may choose any three of the following: CMST 3040, CMST 3050, CMST 3060, CMST 3070, CMST 3075, CMST 3080, CMST 3133, CMST 4010, CMST 4020, CMST 4030, CMST 4040, CMST 4050, CMST 4060, CMST 4075, CMST 4131, CMST 4132, CMST 4133.

Students must also complete one lower-level and one upper-level service-learning designated CMST course.

Summary: Program in Communication Studies

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 33

- CMST 1000 - Introduction to Communication Studies

- CMST 1010 - Fundamentals of Public Speaking
or
- CMST 1011H - Fundamentals of Public Speaking (Honors)

- CMST 1400 - Interpersonal Communication
or
- CMST 1500 - Intercultural Communication
or
- CMST 1080 - Health Communication

- CMST 2010 - Performance of Literature
- CMST 2180 - Introduction to Cultures and Rhetorics
- CMST 3010 - Introduction to Communication Theory
- CMST 3020 - Introduction to Communication Studies Research
- CMST 3030 - Race, Culture and Communication
- CMST 4900 - Communication Studies Capstone
- CMST Electives (9)

Minor: 18

Free Electives: 9

Total Hours: 120

Mass Communication - Broadcasting Concentration, B.A.

Major in Mass Communication

For degree credit, Department majors must earn a "C" or better in all of their required major courses. Mass Communication also requires majors to earn a "C" or better in the English essential core courses. Mass Communication majors are also required to pass a comprehensive examination as part of the requirement for graduation. Any student who has to repeat more than two required courses in the major, because of a grade of "D" or "F," will be advised to change his/her major.

Concentrations in Mass Communication

Mass Communication majors take Mass Communication core courses during their freshman and sophomore years. At the end of the spring semester in the sophomore year, each major must declare an area of concentration: broadcasting or strategic communication/public relations. Students will follow the program for their area of concentration until they complete the major.

Freshman Year

First Semester

- MSCM 1100 - Introduction to Mass Communication
- MSCM 1200 - Principles of Visual Media

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- History Essential core 3
- Natural Science /without Lab Essential core 3
- Physical Education Essential Core I
- FRSM 1000 - Freshman Seminar I

Semester Hours: 17

Second Semester

- MSCM 2030 - Principles of Strategic Communication
- MSCM 2222 - Introduction to Converged Media Writing.

- ENGL 1020 - English Composition and Literature
or
- ENGL 1023H - Introduction to Literature for Honors Students

- FRSM 1100 - Freshman Seminar II
- Mathematics (MATH 1020/STAT 2010 preferred) Fundamental Core
- Social Science Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- MSCM 2500 - Intermediate Converged Media Writing
- MSCM 1210 - Engaging Digital Media (Essential Core Fine Arts)

- ENGL 2010 - Introduction to World Literature I
or
- ENGL 2011H - Introduction to World Literature for Honors Students

- Natural Science/with Lab Fundamental core
- Foreign Language Fundamental Core 3

Semester Hours: 15

Second Semester

- MSCM 2600 - Advanced Converged Media Writing
- Communication Studies (CMST 1010 preferred) Public Speaking (Preferred)
- Foreign Language Fundamental Core 3
- Philosophy 3
- Theology 3
- Minor 3

Semester Hours: 18

Junior Year

First Semester

- MSCM 2530 - Fundamentals of Audio Production
or
- MSCM 2950 - Radio and Television Announcing

- MSCM 3190 - Fundamentals of Television Production
- MSCM 3500 - Media Criticism
- Free Elective 3
- Expansive Core 3
- Minor 3

Semester Hours: 18

Second Semester

- MSCM 3210 - TV News Gathering and Reporting
- MSCM 3600 - Introduction to Mass Communication Research
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Minor 3

Semester Hours: 15

Senior Year

First Semester

- MSCM 4010 - Producing Television Newscasts
or
- MSCM 4020 - TV Program Production
- MSCM 4410 - Internship or Practicum*
- MSCM 4430 - Media Law and Ethics
- Philosophy Essential Core 3
- Minor 3

Semester Hours: 15

Second Semester

- MSCM 4999 - Senior Comprehensives
- MSCM Elective 3
- Minor 6
- Theology Essential Core 3
- Free Elective 3

Semester Hours: 15

Summary: Program in Mass Communication with concentration in Broadcasting

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, STAT 2010/MATH 1020 preferred), Natural Science with lab (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication Studies (3, CMST 1010 preferred), Fine Arts (3, MSCM 1210), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 45

- MSCM 1100 - Introduction to Mass Communication
- MSCM 1200 - Principles of Visual Media
- MSCM 1210 - Engaging Digital Media
- MSCM 2030 - Principles of Strategic Communication
- MSCM 2222 - Introduction to Converged Media Writing.
- MSCM 2500 - Intermediate Converged Media Writing
- MSCM 2600 - Advanced Converged Media Writing

- MSCM 2530 - Fundamentals of Audio Production
or
- MSCM 2950 - Radio and Television Announcing

- MSCM 3190 - Fundamentals of Television Production
- MSCM 3210 - TV News Gathering and Reporting
- MSCM 3500 - Media Criticism
- MSCM 3600 - Introduction to Mass Communication Research

- MSCM 4010 - Producing Television Newscasts
or
- MSCM 4020 - TV Program Production

- MSCM Elective (3)
- MSCM 4410 - Internship or Practicum (3)
- MSCM 4430 - Media Law and Ethics
- MSCM 4999 - Senior Comprehensives

Minor: 18

Free Electives: 6

Total Hours: 129

*To complete this requirement, students may choose one of the following: Internship (MSCM 4410), 3 semester hours of P.R. Practicum (MSCM 2007, MSCM 3007, MSCM 4007), 3 semester hours of Newspaper Practicum (MSCM 2008, MSCM 3008, MSCM 4009), or 3 semester hours of Broadcast Practicum (MSCM 2009, MSCM 3009, MSCM 4009).

Mass Communication - Strategic Communication/Public Relations Concentration, B.A.

Major in Mass Communication

For degree credit, Department majors must earn a "C" or better in all of their required major courses. Mass Communication also requires majors to earn a "C" or better in the English essential core courses. Mass Communication majors are also required to pass a comprehensive examination as part of the requirement for graduation. Any student who has to repeat more than two required courses in the major, because of a grade of "D" or "F," will be advised to change his/her major.

Concentrations in Mass Communication

Mass Communication majors take Mass Communication core courses during their freshman and sophomore years. At the end of the spring semester in the sophomore year, each major must declare an area of concentration: broadcasting or strategic communication/public relations. Students will follow the program for their area of concentration until they complete the major.

Freshman Year

First Semester

- MSCM 1100 - Introduction to Mass Communication
- MSCM 1200 - Principles of Visual Media

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- History 3
- Natural Science/without Lab 3
- Physical Education 1
- FRSM 1000 - Freshman Seminar I

Semester Hours: 17

Second Semester

- MSCM 2030 - Principles of Strategic Communication
- MSCM 2222 - Introduction to Converged Media Writing.

- ENGL 1020 - English Composition and Literature
or
- ENGL 1023H - Introduction to Literature for Honors Students

- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I (STAT 2010)
- Social Science Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- MSCM 2500 - Intermediate Converged Media Writing
- MSCM 1210 - Engaging Digital Media (Essential Core)

- ENGL 2010 - Introduction to World Literature I
or
- ENGL 2011H - Introduction to World Literature for Honors Students

- Natural Science/with Lab 3
- Foreign Language 3

Semester Hours: 15

Second Semester

- MSCM 2600 - Advanced Converged Media Writing
- CMST 1010 - Fundamentals of Public Speaking
- Foreign Language 3
- Philosophy 3
- Theology 3
- Minor 3

Semester Hours: 18

Junior Year

First Semester

- MSCM 3060 - Strategic Communication Problems
- MSCM 3400 - Design for Digital Media
- MSCM 3500 - Media Criticism
- Expansive Core 3
- Free elective 3
- Minor 3

Semester Hours: 18

Second Semester

- MSCM 3600 - Introduction to Mass Communication Research
- MSCM 4060 - Strategic Communication Campaigns
- African American and Diaspora Studies 3

- Expansive Core 3
- Minor 3

Semester Hours: 15

Senior Year

First Semester

- MSCM 4200 - Advanced Strategic Communications
- MSCM 4410 - Internship or Practicums*
- MSCM 4430 - Media Law and Ethics
- Philosophy 3
- Minor 3

Semester Hours: 15

*To complete this requirement, students may choose one of the following: Internship (MSCM 4410), 3 semester hours of P.R. Practicum (MSCM 2007, MSCM 3007, MSCM 4007), 3 semester hours of Newspaper Practicum (MSCM 2008, MSCM 3008, MSCM 4008), or 3 semester hours of Broadcast Practicum (MSCM 2009, MSCM 3009, MSCM 4009).

Second Semester

- MSCM 4999 - Senior Comprehensives
- MSCM Elective 3
- Minor 6
- Theology 3
- Free Elective 3

Semester Hours: 15

Summary: Program in Mass Communication with concentration in Strategic Communication/Public Relations

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communications (3), Fine Arts (3, MSCM 1210), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 45 *

- MSCM 1100 - Introduction to Mass Communication
- MSCM 1200 - Principles of Visual Media
- MSCM 1210 - Engaging Digital Media
- MSCM 2030 - Principles of Strategic Communication
- MSCM 2222 - Introduction to Converged Media Writing.
- MSCM 2500 - Intermediate Converged Media Writing
- MSCM 2600 - Advanced Converged Media Writing
- MSCM 3060 - Strategic Communication Problems
- MSCM 3400 - Design for Digital Media
- MSCM 3500 - Media Criticism
- MSCM 3600 - Introduction to Mass Communication Research
- MSCM 4060 - Strategic Communication Campaigns
- MSCM 4200 - Advanced Strategic Communications
- MSCM Elective (3)
- MSCM 4410 - Internship or Practicum (3)
- MSCM 4430 - Media Law and Ethics
- MSCM 4999 - Senior Comprehensives

Minor: 18

Free Electives: 6

Total Hours: 129

*Includes courses already counted in core (MSCM 1210)

Non-degree

Mass Communication Minor

Required Courses

This minor in Mass Communication consists of 18 hours of coursework including:

- MSCM 1100 - Introduction to Mass Communication
- MSCM 1200 - Principles of Visual Media

- MSCM 2222 - Introduction to Converged Media Writing.
or
- MSCM 2500 - Intermediate Converged Media Writing

- Nine hours of electives that can be chosen among the MSCM courses.

Department of Political Science

Division of Social and Behavioral Sciences

XU South 565 - (504) 520-5071 - <http://www.xula.edu/political-science/index.html>

The Political Science program is designed for students who aspire to active leadership roles in promoting a more just and humane global society. Completing the political science major will: 1) increase student competence in the understanding of the principles of government and political thought; 2) develop student awareness and understanding of global political and economic issues; 3) enhance student skills in statistical research and quantitative analysis; 4) maximize student abilities to read critically, speak effectively, write clearly and think analytically; and, 5) facilitate student abilities to apply moral and ethical analysis to political issues.

The Political Science program is designed to prepare students for a variety of career opportunities in the local, national, and global political arena. The educational outcomes and career orientations students can expect to pursue are: 1) graduate study in political science, public administration, political economy, international and public affairs, urban planning, or other social science sub-fields; 2) professional study in law, mass communication, social work, management, or other public service; 3) employment with government or non-profit organizations; 4) foreign service; 5) partisan political activity; 6) classroom teaching and educational administration; and 7) grassroots organization within the African American community.

Students are exposed to a variety of activities including seminars, guest speakers, field trips, internships, and conference presentations as well as social and professional club activities. Besides meeting the required credit hours for the major, minor, core curriculum, and free electives, students must pass a comprehensive examination. In order for a departmental offering to be counted for credit in the major or minor, a student must earn a grade of "C" or better.

Requirements for the major in Political Science include 39 hours of Political Science courses. Of these, the following courses are required: PSCI 1010, PSCI 1020, PSCI 2010, PSCI 2040, PSCI 2050, PSCI 2511, PSCI 3010, PSCI 3250, and PSCI 4100. Only three of the 39 hours may be taken as elective hours in independent study courses and internships (i.e. PSCI 4913, PSCI 4953, PSCI 4963).

Majors and minors have the flexibility to acquire concentrations in the following areas:

AMERICAN NATIONAL INSTITUTIONS:

PSCI 2050, PSCI 2120, PSCI 3100, PSCI 3360, PSCI 3460 and PSCI 4953

INTERNATIONAL AFFAIRS:

PSCI 2040, PSCI 3010, PSCI 3240, PSCI 4100, PSCI 4640, and PSCI 4953

PUBLIC LAW:

PSCI 2060, PSCI 2100, PSCI 2120, PSCI 3100, PSCI 3110, PSCI 3133 and PSCI 4963

URBAN POLITICS:

PSCI 2440, PSCI 3360, PSCI 3400, and PSCI 4953

Bachelor of Arts

Political Science Accelerated "Pre-Law", B.A.

The Political Science Department offers an accelerated "pre-law" program for political science majors. Students complete a three-year liberal arts education program at Xavier (105 hours). In their senior year, students enroll at an American Bar Association accredited law school. After successfully completing 15 hours at law school, the student receives a B.A. degree from Xavier.

To participate in the program, a student must maintain a cumulative average of 3.0 and register with the Director of the Pre-Law Advising Center throughout his/her three years at Xavier. The proposed course of study and transfer hours must be approved by the department. A student's minor should be any subject which 1) develops analytical skills, 2) develops writing skills, and/or 3) relates to the student's proposed law specialty. For example, another social science discipline, History, English, Philosophy, Business Administration, Mathematics, a physical science, foreign language, Computer Science, or Public Administration may be selected as a minor. The student should delay taking free electives and the electives in the major to be eligible for the accelerated program.

The program does not assure a student's entry into law school. Admission to an accredited law school is the responsibility of the student. Several law schools in the United States allow admission to the exceptional student without an undergraduate degree. The student interested in Pre-Law should see the Director of the Pre-Law Advising Center at his or her first Xavier registration.

Freshman Year

First Semester

- PSCI 1010 - Introduction to Political Science
- CMST 1010 - Fundamentals of Public Speaking Essential Core

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core 3

Semester Hours: 16

Second Semester

- PSCI 1020 - American Government
- PSCI 2050 - Introduction to Public Policy and Administration
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Sophomore Year

First Semester

- PSCI 2010 - Research Methods
- PSCI 2040 - International Relations
- ENGL 2010 - Introduction to World Literature I
- Natural Science Fundamental Core/Essential Core 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- PSCI 2511 - Quantitative Analysis
- Minor 6
- Natural Science Fundamental Core/Essential Core 3
- Social Science Essential Core 3
- Theology Essential Core 3

Semester Hours: 18

Junior Year

First Semester

- PSCI 4100 - International Political Economy
- PSCI 4999 - Senior Comprehensive Examination
- African American and Diaspora Studies Essential Core 3
- Expansive Core 3
- Minor 6
- Philosophy Essential Core 3

Semester Hours: 18

Second Semester

- PSCI 3010 - Comparative Politics
- PSCI 3250 - Introduction to Political Thought
- Expansive Core 3
- History Essential Core 3
- Minor 6

Semester Hours: 18

Credits Accepted from Law School:

Towards Political Science Major	15	(such as Con. Law, Criminal Law, Jurisprudence, and Legal System)
Total	15	

Summary: Political Science Accelerated "Pre-Law" Program

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3), Social Science (3), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 42

- ECON 1030 - Introduction to Economics
or
- ECON 2010 - Principles of Micro Economics
or
- ECON 2020 - Principles of Macro Economics

- PSCI 1010 - Introduction to Political Science
- PSCI 1020 - American Government
- PSCI 2010 - Research Methods
- PSCI 2040 - International Relations
- PSCI 2050 - Introduction to Public Policy and Administration
- PSCI 2511 - Quantitative Analysis
- PSCI 3010 - Comparative Politics
- PSCI 3250 - Introduction to Political Thought
- PSCI 4100 - International Political Economy
- PSCI 4999 - Senior Comprehensive Examination
- PSCI Electives (12) [submitted after 1st year attendance at law school]

Minor: 18

Total Hours: 120

Political Science Accelerated "Public Affairs", B.A.

The Political Science Department offers an accelerated public affairs program for political science majors. In three years, students must complete 108 hours toward a liberal arts educational program. Students will satisfy the requirements of the core curriculum (60 hours), minor (18 hours), and major (36 hours). Students enroll in a graduate program of public affairs during the senior year. After successfully completing 12 hours of graduate school courses, the student receives a B.A. degree from Xavier.

In order to be eligible for this program, a student must average 17 hours a semester for three years (summer school courses may supplement this average), maintain a 3.0 grade point average, and register an intent to pursue the accelerated program with the Head of the Political Science Department. Students must avoid taking free electives as well as electives in the major to fulfill the objectives of the accelerated program. Although a student may select any minor that will enhance a public affairs specialization, the Public Administration minor is highly recommended for successful completion of a graduate program in public affairs.

This program does not guarantee entry into a public affairs program. The admissions process and financial assistance are solely the responsibility of the student. The student interested in universities that accept applicants on an accelerated basis should see the Department Head.

Students pursue careers in public affairs with the idea of becoming effective leaders and managers in public, non-profit, and private organizations. These include city, state, and federal government agencies; companies and faith-based organizations providing social services; and charities and philanthropies. Typically, students pursue master's degrees in public administration, public policy, urban and regional planning, and non-profit management.

Freshman Year

First Semester

- PSCI 1010 - Introduction to Political Science
- ENGL 1000 - Intensive English Composition and Rhetoric
- ENGL 1010 - English Composition and Rhetoric
- Fine Arts Essential Core 3
- FRSM 1000 - Freshman Seminar I
- History Essential Core 3
- Mathematics Fundamental Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Second Semester

- PSCI 1020 - American Government
- PSCI 2050 - Introduction to Public Policy and Administration
- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- FRSM 1100 - Freshman Seminar II
- Philosophy Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- PSCI 2010 - Research Methods
- PSCI 2040 - International Relations
- ENGL 2010 - Introduction to World Literature I
- Foreign Language Fundamental Core 3
- Minor 3
- Natural Science Fundamental 3

Semester Hours: 18

Second Semester

- PSCI 2511 - Quantitative Analysis
- Expansive Core 3
- Foreign Language Fundamental Core 3
- Minor 6
- Natural Science Essential Core 3

Semester Hours: 18

Summer

- Philosophy Essential Core 3

Semester Hours: 3

Junior Year

First Semester

- PSCI 3250 - Introduction to Political Thought
- PSCI 4100 - International Political Economy
- PSCI 4999 - Senior Comprehensive Examination
- African American and Diaspora Studies Essential Core 3
- Minor 6
- Theology Essential Core 3

Semester Hours: 18

Second Semester

- PSCI 3010 - Comparative Politics
- PSCI 3360 - Public Policy

- Expansive Core 3
- Minor 3
- ECON 1030 - Introduction to Economics Essential Core (Social Sciences)
or
- ECON 2010 - Principles of Micro Economics Essential Core (Social Sciences)
or
- ECON 2020 - Principles of Macro Economics Essential Core (Social Sciences)
- Theology Essential Core 3

Semester Hours: 18

Credits Accepted from Public Affairs Graduate Program:

Towards Political Science Major	12
Total	12

Summary: Political Science Accelerated "Public Affairs" Program

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3), Social Science (3, ECON 1030, ECON 2010, or ECON 2020), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 42

- PSCI 1010 - Introduction to Political Science
- PSCI 1020 - American Government
- PSCI 2010 - Research Methods
- PSCI 2040 - International Relations
- PSCI 2050 - Introduction to Public Policy and Administration
- PSCI 2511 - Quantitative Analysis
- PSCI 3010 - Comparative Politics
- PSCI 3250 - Introduction to Political Thought
- PSCI 3360 - Public Policy
- PSCI 4100 - International Political Economy
- PSCI Electives [submitted after 1st year of graduate program] (12)

- PSCI 4999 - Senior Comprehensive Examination

Minor: 18

Total Hours: 120

Political Science, B.A.

Freshman Year

First Semester

- PSCI 1010 - Introduction to Political Science
- CMST 1010 - Fundamentals of Public Speaking Essential Core

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core 3

Semester Hours: 16

Second Semester

- PSCI 1020 - American Government
- PSCI 2050 - Introduction to Public Policy and Administration
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- History Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 17

Sophomore Year

First Semester

- PSCI 2010 - Research Methods
- PSCI 2040 - International Relations
- ENGL 2010 - Introduction to World Literature I

- Natural Science Fundamental Core/Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 15

Second Semester

- PSCI 2511 - Quantitative Analysis
- Fine Arts Essential Core 3
- Natural Science Fundamental Core/Essential Core 3

- PSYC 1010 - Introductory Psychology
or
- SOCI 1010 - Introduction to Sociology

- Theology Essential Core 3

Semester Hours: 15

Junior Year

First Semester

- PSCI 3250 - Introduction to Political Thought
- African American and Diaspora Studies Essential Core 3

- ECON 1030 - Introduction to Economics
or
- ECON 2010 - Principles of Micro Economics
or
- ECON 2020 - Principles of Macro Economics

- Expansive Core 3
- Minor 3

Semester Hours: 15

Second Semester

- PSCI 3010 - Comparative Politics
- Expansive Core 3
- Minor 6
- Philosophy Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- PSCI Pol. Science Electives 6
- PSCI 4100 - International Political Economy
- PSCI 4999 - Senior Comprehensive Examination
- Minor 6

Semester Hours: 15

Second Semester

- PSCI Pol. Science Electives 6
- Theology Essential Core 6
- Minor 3

Semester Hours: 12

Summary: Program in Political Science

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3), Social Science (3, PSYC 1010 or SOCI 1010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major*: 42

- ECON 1030 - Introduction to Economics
or
- ECON 2010 - Principles of Micro Economics
or
- ECON 2020 - Principles of Macro Economics

- PSCI 1010 - Introduction to Political Science
- PSCI 1020 - American Government
- PSCI 2010 - Research Methods
- PSCI 2040 - International Relations

- PSCI 2050 - Introduction to Public Policy and Administration
- PSCI 2511 - Quantitative Analysis
- PSCI 3010 - Comparative Politics
- PSCI 3250 - Introduction to Political Thought
- PSCI 4100 - International Political Economy
- PSCI Electives (12)
- PSCI 4999 - Senior Comprehensive Examination

Minor: 18

Total Hours: 120

*Includes hours already counted in core and/or required courses from other disciplines.

Non-degree

International Affairs Minor

The minor in International Affairs prepares students for careers in the international arena. This program of study specifically prepares students for:

1. Careers in government service, particularly the Foreign Service of the United States, the Department of State, or any of the various federal agencies, which function in the international arena;
2. Careers in international business in the private sector; and
3. Careers in the international civil service, serving with intergovernmental organizations, such as the United Nations, as well as with private international nongovernmental organizations.

Required Courses

The Minor in International Affairs requires 18 hours from the following courses:

- PSCI 2040 - International Relations
- PSCI 2060 - International Law and Politics
- PSCI 4050 - African Politics and Government
- PSCI 4100 - International Political Economy
- PSCI 4640 - The Politics of Developing Nations
- PSCI 4953 - Politics (local and international) Internship

Note:

Of these, PSCI 2040, PSCI 4100 and PSCI 4640 are required. The remaining nine hours may be taken as electives from the courses listed above as well as from the other international courses offered in the department, namely PSCI 4953/ PSCI 4956. Further, it is **recommended** that students pursuing a Minor in International Affairs also take a course in Economics, nine (9) credit hours in a foreign language, and participate in a Study Abroad program for at least one semester.

Political Science Minor

Minors must complete 18 hours of political science, including PSCI 1010. No more than three hours may be taken in independent study courses and internships (PSCI 4913, PSCI 4953, PSCI 4963). Non-majors must have PSCI 1020 or PSCI 2040 as a prerequisite for advanced courses, but this requirement may be waived by the department head and instructor as necessary.

Pre-Law Minor

The minor in pre-law consists of specialized courses within the Political Science program of study. This minor is available to non-Political Science majors who are considering entrance into the legal profession, including law school, criminal justice programs, public service, and political office.

Required Courses

The Minor in pre-law requires 18 hours from the following courses:

- PSCI 2060 - International Law and Politics
- PSCI 2100 - Law, Politics, and Society
- PSCI 2120 - Judicial Process
- PSCI 3100 - Constitutional Law
- PSCI 3110 - Civil Rights and Civil Liberties
- PSCI 3133 - Mock Trial and Debate
- PSCI 4963 - Legal Internship

Public Administration Minor

The Public Administration minor consists of specialized Public Administration courses within the Political Science program of study. Such a minor can be used to complement majors in fields such as Business, Sociology, Education, History, Communications, Psychology, and allied health fields. Thus it offers majors in the liberal arts and humanities an opportunity to enhance their employability.

Required Courses

The Public Administration minor consists of 18 hours in courses pertaining to public administration, of which are required:

- PADM 2050 - Introduction to Public Policy and Administration
- PADM 3370 - Administrative Behavior

- PADM 3500 - Public Personnel Administration
or
- PADM 3510 - Public Financial Administration

- PADM 4530S - Public Administration Seminar
- PADM 4953 - Urban Administrative Internship

Note:

In addition, no more than three hours may be taken in independent study courses (such as PADM 4903 or PADM 4913).

Department of Psychology

Division of Social and Behavioral Sciences

Xavier South 500 - (504) 520-7400 - <http://www.xula.edu/dsbs/psychology/index.html>

The mission of the Department of Psychology is to *prepare students to critically apply the science of psychology to understand themselves and others in a diverse and dynamic world.*

The Psychology Program strives to provide its students with a thorough foundation in the methodology of contemporary psychology. Students successfully completing the program are awarded the degree of Bachelor of Science and are prepared both for graduate study in psychology and related fields, and for career opportunities in psychology and other areas at the bachelor's degree level. The Program offers two tracks—Psychological Science, for students pursuing graduate school or careers applying their degree, and Psychology Premedical, for students pursuing medical school or graduate training in health and neuroscience fields, or careers in related areas at the bachelor's level.

In addition to satisfying the goals of the core curriculum, the program of study in psychology is designed to:

1. prepare students majoring in psychology for either professional employment or further graduate training; and
2. offer courses to students from other disciplines whose curriculum requires them to take courses in psychology.

Students majoring in psychology are offered a well-balanced program that has a central core, plus a sufficient degree of flexibility to allow them to explore their interests and to enter a variety of graduate programs and careers at a competitive level. The rigorous preparation of students majoring in psychology is consistent with the American Psychological Association's Model Curriculum and with the overall University philosophy of academic excellence. The major in psychology consists of a minimum of 36 semester hours of psychology coursework (33 hours for Psychology Premedical students) with a "C" or better in each course.

It is suggested that all majors take the subject (psychology) portion of the Graduate Record Examination (GRE) during the semester BEFORE the one in which they expect to graduate. Majors who score better than 560 on the advanced GRE are exempt from taking the Departmental Senior Comprehensives, which consist of intensive examinations across all subject areas in psychology.

Students in the Psychology Program are expected to acquire and exhibit the following academic and professional characteristics:

1. Mastery of subject matter across the field of psychology,
2. Competence in written and oral communication skills,
3. Research design and quantitative reasoning skills,
4. Proficiency in critical thinking about mental and behavioral processes, and
5. Poise, self-confidence, and a commitment to ethics in science.

Psychology Premedical Program

The discipline of psychology, in conjunction with the Premedical program at Xavier University, offers its students an alternative route to careers via medical school or the health professions: the Psychology Premedical Program. This program is recommended for those students who want to major in psychology, but then attend medical school, perhaps in pursuit of a psychiatric degree, or who are interested in graduate programs in Biological Psychology or Neuroscience. The program is similar to the psychological science curriculum but more heavily emphasizes the natural sciences. It also requires nine (9) fewer hours of psychology than does the psychological science program.

Students who switch from premed to non-premed after completing PSYC 2512 (Advanced Research), for which either MATH 1020 or PSYC 2511 is a prerequisite, may take a different PSYC class in place of PSYC 2511, provided they earned a C or higher in MATH 1020.

Bachelor of Science

Premedical Psychology, B.S.

Students will take a minimum of 33 credit hours of psychology, from five different categories of offerings within the Psychology Department:

Category 1: Introduction and Basic Sciences:

All students must take the following three courses (9 hours).

- PSYC 1010 - Introductory Psychology (prerequisite for all courses except 1012)
- PSYC 2020 - Research Methods (prerequisite for 2512)
- PSYC 2512 - Advanced Research (prerequisite for all 3000- & 4000-level courses)

Category 2: Basic Research (Theoretical):

Students must take 9 hours from among the following:

- PSYC 1012 - Human Development
- PSYC 2070 - Comparative and Evolutionary Psychology
- PSYC 2110 - Human Sexuality
- PSYC 3010 - Social Psychology
- PSYC 3030 - Cognitive Psychology
- PSYC 3050 - Physiological Psychology
- PSYC 3100 - Psychology of Learning
- PSYC 4010 - Theories of Personality

Category 3: Applied Research and Clinical:

Students must take 9 hours from among the following:

- PSYC 2050 - Health Psychology
- PSYC 2500 - Positive Psychology
- PSYC 3025 - Adult Development and Aging
- PSYC 3045 - Industrial/Organizational Psychology
- PSYC 3080 - Abnormal Psychology
- PSYC 3110 - Psychotherapies
- PSYC 3120 - Tests and Measurements
- PSYC 4050 - Psychopharmacology
- PSYC 4085 - Clinical Neuropsychology
- PSYC 4095 - Forensic Psychology
- PSYC 4398 - Fieldwork Practicum I
- PSYC 4399 - Fieldwork Practicum II

Category 4: Special and Advanced Topics:

Students must take 3 hours from among the following:

- PSYC 2080 - Writing in Psychology
- PSYC 3035 - Psychology of Gender
- PSYC 3041 - Black Psychology
- PSYC 3200L - Psychology Laboratory
- PSYC 4000S - Seminar
- PSYC 4030 - Group Dynamics
- PSYC 4060 - Cultural Psychology
- PSYC 4070 - Psychology of Stereotyping and Prejudice
- PSYC 4011 - Independent Study (Offered only as needed)
- PSYC 4012 - Independent Study (Offered only as needed)
- PSYC 4013 - Independent Study (Offered only as needed)

Category 5: Capstone Experience:

Students take 3 hours.

- PSYC 4996 - Historical and Applied Perspectives in Psychology

Freshman Year

First Semester

- PSYC 1010 - Introductory Psychology
- CHEM 1010 - General Chemistry I Fundamental Core
- CHEM 1010D - General Chemistry I Fundamental Core
- CHEM 1011L - General Chemistry I Laboratory Fundamental Core

- ENGL 1000 - Intensive English Composition and Rhetoric Fundamental Core
or
- ENGL 1010 - English Composition and Rhetoric Fundamental Core

- Physical Education (activity course) Essential Core 1
- FRSM 1000 - Freshman Seminar I

- MATH 1030 - Pre-Calculus Fundamental
or
- MATH 1070 - Introductory Calculus Fundamental

Semester Hours: 16

Second Semester

- PSYC 2020 - Research Methods
- CHEM 1020 - General Chemistry II
- CHEM 1020D - General Chemistry II

- CHEM 1021L - General Chemistry II Laboratory
- ENGL 1020 - English Composition and Literature Fundamental Core
- Communication Studies Essential Core 3
- FRSM 1100 - Freshman Seminar II
- MATH 1020 - Basic Statistics I Expansive Core

Semester Hours: 17

Sophomore Year

First Semester

- PSYC 2512 - Advanced Research
- BIOL 1230 - General Biology I
- BIOL 1230L - General Biology Lab I
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- World Language Fundamental Core 3
- ENGL 2010 - Introduction to World Literature I Essential Core

Semester Hours: 17

Second Semester

- PSYC Choice I 3 *
- BIOL 1240 - General Biology II
- BIOL 1240L - General Biology Lab II
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- World Language Fundamental Core 3
- Philosophy Essential Core 3

Semester Hours: 17

Junior Year

First Semester

- PSYC Choice II 3 *
- CHEM 3130 - Introduction to Biochemistry
- BIOL 3110 - Genetics
- BIOL 3110L - Genetics Lab
- PHYS 2010 - General Physics I

- PHYS 2010L - General Physics I
- Theology Essential Core 3

Semester Hours: 17

Second Semester

- PSYC Choice III 3 *
- BIOL 3350 - Anatomy and Physiology
- BIOL 3350L - Anatomy and Physiology Lab
- PHYS 2020 - General Physics II
- PHYS 2020L - General Physics II
- African American and Diaspora Studies Essential Core 3

Semester Hours: 14

Senior Year

First Semester

- PSYC Choices IV, V, VI, & VII 6 **
- Fine Arts Essential Core 3
- PHIL 2040 - Logic
- or
- PHIL 2400 - Health Ethics
- History Essential Core 3

Semester Hours: 15

Second Semester

- PSYC Choices IV, V, VI, & VII 6 ***
- PSYC 4996 - Historical and Applied Perspectives in Psychology
- PSYC 4999 - Senior Comprehensives
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 15

Summary: Program in Premedical Psychology

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3 of 4, MATH 1030 or MATH 1070), Natural Science (3 of 4, CHEM 1010), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Philosophy (6, including either PHIL 2040 or PHIL 2400), Physical Education (1, activity course), Natural Science (3 of 4, CHEM 1020), Social Science (3, PSYC 1010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

(inc. MATH 1020)

Major and Additional Premed Requirements: 55

Mathematics (1 of 4, MATH 1030 or MATH 1070), PSYC 2020 (3), PSYC 2512 (3), PSYC Category II (9), PSYC Category III (9), PSYC Category IV (3), PSYC Category V (3, Capstone), PSYC 4999 (0); BIOL 1230/BIOL 1230L (4), BIOL 1240/BIOL 1240L (4), BIOL 3110/BIOL 3110L (4), BIOL 3350/BIOL 3350L (4) PHYS 2010/PHYS 2010L (4), PHYS 2020/PHYS 2020L (4)

Minor: 13

- CHEM 1010 - General Chemistry I (1of 4)
- CHEM 1010D - General Chemistry I (1of 4)
- CHEM 1011L - General Chemistry I Laboratory (1of 4)
- CHEM 1020 - General Chemistry II (1of 4)
- CHEM 1020D - General Chemistry II (1of 4)
- CHEM 1021L - General Chemistry II Laboratory (1of 4)
- CHEM 2210 - Organic Chemistry I
- CHEM 2210D - Organic Chemistry I
- CHEM 2230L - Organic Chemistry Laboratory I
- CHEM 2220 - Organic Chemistry II
- CHEM 2220D - Organic Chemistry II
- CHEM 2240L - Organic Chemistry Laboratory II
- CHEM 3130 - Introduction to Biochemistry

Total Hours: 128

* Category 2

** Category 3

*** Category 4; courses need not be taken in category order.

Psychology majors intending to go to medical school are also strongly encouraged to take BIOL 3162/BIOL 3162L, BIOL 4111/BIOL 4111L, and/or BIOL 4091/BIOL 4091L, when possible.

Psychological Science, B.S.

Students will take a minimum of 36 credit hours of psychology as offered within the Psychology Department, from five different categories of offerings:

Category 1: Introduction and Basic Sciences:

All students must take the following four courses (12 hours).

- PSYC 1010 - Introductory Psychology (prerequisite for all courses except 1012)
- PSYC 2020 - Research Methods (prerequisite for 2512)
- PSYC 2511 - Psychological Statistics (prerequisite for 2512)
- PSYC 2512 - Advanced Research (prerequisite for all 3000- & 4000-level courses)

Category 2: Basic Research (Theoretical):

Students must take a minimum of 9 hours from among the following:

- PSYC 1012 - Human Development
- PSYC 2070 - Comparative and Evolutionary Psychology
- PSYC 2110 - Human Sexuality
- PSYC 3010 - Social Psychology
- PSYC 3030 - Cognitive Psychology
- PSYC 3050 - Physiological Psychology
- PSYC 3100 - Psychology of Learning
- PSYC 4010 - Theories of Personality

Category 3: Applied Research and Clinical:

Students must take a minimum of 9 hours from among the following:

- PSYC 2050 - Health Psychology
- PSYC 2500 - Positive Psychology
- PSYC 3025 - Adult Development and Aging
- PSYC 3045 - Industrial/Organizational Psychology
- PSYC 3080 - Abnormal Psychology
- PSYC 3110 - Psychotherapies
- PSYC 3120 - Tests and Measurements
- PSYC 4050 - Psychopharmacology
- PSYC 4085 - Clinical Neuropsychology
- PSYC 4095 - Forensic Psychology
- PSYC 4398 - Fieldwork Practicum I
- PSYC 4399 - Fieldwork Practicum II

Category 4: Special and Advanced Topics:

Students must take a minimum of 3 hours from among the following:

- PSYC 2080 - Writing in Psychology
- PSYC 3035 - Psychology of Gender

- PSYC 3041 - Black Psychology
- PSYC 3200L - Psychology Laboratory
- PSYC 4000S - Seminar
- PSYC 4030 - Group Dynamics
- PSYC 4060 - Cultural Psychology
- PSYC 4070 - Psychology of Stereotyping and Prejudice
- PSYC 4011 - Independent Study (Offered only as needed)
- PSYC 4012 - Independent Study (Offered only as needed)
- PSYC 4013 - Independent Study (Offered only as needed)

Category 5: Capstone Experience:

Students take 3 hours.

- PSYC 4996 - Historical and Applied Perspectives in Psychology

Freshman Year

First Semester

- PSYC 1010 - Introductory Psychology
- Communication Studies Essential Core 3
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- CPSC 1005 - Introduction to PC's and Software Applications
- FRSM 1000 - Freshman Seminar I
- Mathematics Fundamental Core 3

Semester Hours: 16

Second Semester

- PSYC 2020 - Research Methods
- PSYC 2511 - Psychological Statistics
- ENGL 1020 - English Composition and Literature
- Philosophy Essential Core 3
- FRSM 1100 - Freshman Seminar II
- History Essential Core 3

Semester Hours: 16

Sophomore Year

First Semester

- PSYC 2512 - Advanced Research
- World Language Fundamental Core 3
- ENGL 2010 - Introduction to World Literature I Essential Core
- Fine Arts Essential Core 3
- Natural Science (with lab) Fundamental Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 16

Second Semester

- Choices I & II*
- World Language Fundamental Core 3
- African American and Diaspora Essential Core 3
- Theology Essential Core 3

Semester Hours: 15

Junior Year

First Semester

- PSYC Choices, IV, V, & VI 6 *
- Expansive Core 3
- Theology Essential Core 3
- Minor 3

Semester Hours: 15

Second Semester

- PSYC Choice Choices III, IV, V, & VI 6 **
- PHIL 2040 - Logic
or
- PHIL 2400 - Health Ethics
- Minor 6

Semester Hours: 15

Senior Year

First Semester

- PSYC Choice *** Choice VII
- PSYC 4996 - Historical and Applied Perspectives in Psychology
- PSYC 4999 - Senior Comprehensives
- Minor 6
- Free Electives 3

Semester Hours: 15

Second Semester

- Expansive Core 3
- Minor 3
- Free Electives 6

Semester Hours: 12

Summary: Program in Psychological Science

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Philosophy (6, including either PHIL 2040 or PHIL 2400), Physical Education (1, activity course), Natural Science (3, CPSC 1005), Social Science (3, PSYC 1010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 33

- PSYC 2020 - Research Methods
- PSYC 2511 - Psychological Statistics
- PSYC 2512 - Advanced Research
- PSYC Category II 9
- PSYC Category III 9
- PSYC Category IV 3
- PSYC Category V 3
- PSYC 4999 - Senior Comprehensives

Minor: 18

Free Electives: 9

Total Hours: 120

* Category 2

** Category 3

*** Category 4; courses need not be taken in category order.

Non-degree

Psychology Minor

Students selecting a minor in psychology must complete a minimum of 18 semester hours of courses offered within the Psychology Department at Xavier. PSYC 1010 - Introductory Psychology is required. Minors may bypass most prerequisites for upper-level courses with permission from the department head.

Department of Sociology

Division of Social and Behavioral Sciences

Xavier South 500 - (504) 520-7400 - <http://www.xula.edu/sociology/index.html>

The primary reasons for majoring in sociology are knowledge (intriguing course content and skill development) and practice (diverse career options). Sociology offers breadth and flexibility that make a young professional prepared for a diverse array of fields. In addition to graduate study in sociology, public health, criminal justice, counseling, urban affairs, public administration, education, law, and social work, graduates work in the private and public sector in fields such as research, counseling, community organizing, government, union organizing, teaching, and coaching.

The Department of Sociology provides a program of study leading to the Bachelor of Arts degree. Students are expected to meet the requirements of the Sociology Department and the College of Arts and Sciences. The department is simultaneously committed to the Mission Statement of Xavier and to the discipline.

The goals of the department are:

1. To prepare majors for graduate and professional study in fields related to sociology such as: social work, counseling, public health, criminal justice, law, public administration, or urban planning;
2. To prepare majors for graduate study in sociology leading to the terminal degree;
3. To prepare students for employment in business, education, government, media, health, and public or social service;
4. To provide students with a global perspective of society, cultures, and institutions; and
5. To develop students' critical and analytical reasoning skills, most especially through the use of sociological research methods.

The Department of Sociology offers a B.A. in Sociology, a B.A. in Sociology with a Concentration in Health, Medicine and Society, and a Minor in Sociology. Students may also tailor their curriculum to focus in a specific area of interest such as crime and deviance, race, or gender. In addition, eligible students may participate in an accelerated major in the Sociology of Public Service, which allows students to enroll in a graduate program in Public Administration while completing their B.A. in Sociology.

Xavier University's program in sociology offers students the flexibility to pursue their individual academic and career goals. Students are strongly encouraged to take advantage of the flexibility in the major, the core curriculum, and up to 9 free elective

credits, to study abroad, double major, or double minor. Each student is required to complete either an internship (SOCI 4950) or three credits of independent study (SOCI 4901, SOCI 4902 or SOCI 4903), which also promotes individualized learning. Students should work closely and early on with their academic advisors to design an individualized plan of study to help them attain their academic and professional goals.

Students majoring in sociology must earn 36 credit hours in sociology in both required and elective sociology courses (see specific course requirements below). Students must also successfully pass a senior comprehensive exam. It is recommended that students enroll in SOCI 4999 in the semester before they intend to graduate. A minimum of 120 credit hours are required for graduation. In order for any course to be counted for degree credit in the major, a student must earn a "C" or better. All majors must also complete MATH 1020 (STAT 2010) with a "C" or better. These credits may be applied toward the required courses in the College of Arts and Sciences "Fundamental Core," "Essential Core," or "Expansive Core." SOCI 1010 may be counted toward the College of Arts and Sciences "Essential Core," although students are strongly encouraged to take additional social science courses.

Concentration in Sociology - Students choosing a double concentration in Sociology and another discipline may complete any 12 hours of Sociology coursework. An additional 12 hours is required in the other selected discipline of which specific courses might be required. Students are advised to check with the selected department that houses the discipline for the most up-to-date requirements.

Honors in Sociology - Students with a cumulative GPA of at least 3.0 will graduate with an honors distinction in Sociology by completing a minimum of any three Sociology courses with a total of nine credit hours with a combined GPA in all sociology courses of 3.5 or higher. This distinction and its criterion of a 3.5 GPA in Sociology apply to all students, including students majoring and minoring in Sociology. To be eligible, students must have an overall GPA of 3.0.

Bachelor of Arts

Sociology - Health, Medicine & Society Concentration, B.A.

Students majoring in sociology may elect a Concentration in Health, Medicine and Society. The goals of this unique concentration are to assist students in learning that health and disease do not depend solely on biological mechanisms; to promote the well-being of the social body by teaching the role of behavioral theory, research, and clinical practice in the promotion and maintenance of health and well-being; to provide students with knowledge of cutting edge debates in the field; to assist students in understanding the sociological, ethical, and psychological mechanisms affecting human health and illness behavior; and to prepare students for careers in the health professions and/or entrance to graduate school.

Sociology majors with a concentration in Health, Medicine and Society must complete 36 credit hours in sociology, in addition to MATH 1020 (STAT 2010). In addition to the 12 credit hours of coursework required for all majors, students must complete two additional 2000 level sociology courses, three of four specialized courses (SOCI 3035, SOCI 3040, SOCI 3060, or SOCI 3070), SOCI 4025, SOCI 4700, and either a health-related internship (SOCI 4950), or a total of three credit hours of independent study (SOCI 4901, SOCI 4902, SOCI 4903). Majors must also pass a senior comprehensive examination (SOCI 4999).

Freshman Year

First Semester

- SOCI 1010 - Introduction to Sociology
- CMST 1080 - Health Communication

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- History Essential Core 3
- Physical Education (activity course) Essential Core 1

Semester Hours: 14

Second Semester

- SOCI 2000-level Elective Sociology 3
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- STAT 2010 - Statistical Methods I (MATH 1020)

Semester Hours: 16

Sophomore Year

First Semester

- SOCI 2500 - Reading and Writing for Sociology
- SOCI 2000-level Elective Sociology 3
- ENGL 2010 - Introduction to World Literature I
- Natural Science (with lab) Fundamental 3
- History Essential Core 3

Semester Hours: 14

Second Semester

- SOCI 2530 - Introduction to Research Methods
- SOCI 2530L - Statistical Software Lab
- SOCI 3035 - Sociology of Mental Health
or
- SOCI 3040 - Population and Society
or
- SOCI 3060 - Sociology of Aging
or
- SOCI 3070 - Medical Sociology
- African American and Diaspora Studies Essential Core 3
- Natural Science (with lab) Essential Core 3

- Philosophy Essential Core 3

Semester Hours: 16

Junior Year

First Semester

- SOCI 3030 - Sociological Theory
- SOCI 3035 - Sociology of Mental Health
or
- SOCI 3040 - Population and Society
or
- SOCI 3060 - Sociology of Aging
or
- SOCI 3070 - Medical Sociology

- Expansive Core 3
- Minor 3
- Theology Essential Core 3

Semester Hours: 15

Second Semester

- SOCI 3035 - Sociology of Mental Health
or
- SOCI 3040 - Population and Society
or
- SOCI 3060 - Sociology of Aging
or
- SOCI 3070 - Medical Sociology

- Free Electives 3
- Minor 6
- PHIL 2400 - Health Ethics

Semester Hours: 15

Senior Year

First Semester

- SOCI 4025 - Health Disparities

- SOCI 4903 - Independent Study
or
- SOCI 4950 - Internship
- SOCI 4999 - Senior Comprehensives.
- Free Electives 3
- Minor 6

Semester Hours: 15

Second Semester

- SOCI 4700 - Seminar in Health, Medicine & Society
- Free Electives 3
- Minor 3
- Expansive Core 3
- Theology Essential Core 3

Semester Hours: 15

Summary: Program in Sociology Concentration in Health, Medicine & Society

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, STAT 2010/MATH 1020), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3, CMST 1080 recommended), Fine Arts (3), History (3), Philosophy (6, including PHIL 2400), Physical Education (1, activity course), Natural Science (3), Social Science (3, SOCI 1010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 33

- SOCI 1010 - Introduction to Sociology
- SOCI 2000-level Electives 6
- SOCI 2500 - Reading and Writing for Sociology
- SOCI 2530 - Introduction to Research Methods
- SOCI 2530L - Statistical Software Lab
- SOCI 3030 - Sociological Theory
- SOCI 3035 - Sociology of Mental Health

- or
- SOCI 3040 - Population and Society
- or
- SOCI 3060 - Sociology of Aging
- or
- SOCI 3070 - Medical Sociology

- SOCI 4025 - Health Disparities
- SOCI 4700 - Seminar in Health, Medicine & Society

- SOCI 4903 - Independent Study
- or
- SOCI 4950 - Internship

- SOCI 4999 - Senior Comprehensives.

Minor: 18

Free Electives: 9

Total Hours: 120

Sociology, B.A.

Whether entering the job market or graduate school, the sociology major offers students skills that are increasingly necessary in a global, rapidly changing world. Xavier's sociology major offers exposure to diverse perspectives on social issues, broad training in social scientific research, an understanding of how various institutions and groups work (e.g., business, education, government, medicine, families, law), strong critical thinking and writing skills, and an understanding of the rapidly changing, diverse and global world. This foundation in a wide range of knowledge and skill areas offers graduates enormous flexibility in the job market and/or entry into a wide array of graduate or professional programs.

Students majoring in sociology must complete 36 credit hours in sociology, in addition to MATH 1020 (STAT 2010). Of these, the following courses, totaling 12 credit hours, are required: SOCI 1010 (may be applied to Essential Core), SOCI 2500, SOCI 2530, SOCI 2530L, and SOCI 3030. In addition to these required courses, students complete one additional 1000 level course, two additional 2000 level courses, two additional 3000 level courses, two additional 4000 level courses, and either an internship (SOCI 4950) or three credit hours of independent study (SOCI 4901, SOCI 4902, SOCI 4903). Majors must pass a senior comprehensive examination (SOCI 4999).

Freshman Year

First Semester

- SOCI 1010 - Introduction to Sociology
- Communication Studies Essential Core 3

- ENGL 1000 - Intensive English Composition and Rhetoric
- or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- History Essential Core 3

Semester Hours: 16

Second Semester

- SOCI 1011 - Global Social Change
or
- SOCI 1015 - Popular Culture and Society
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- Physical Education (activity course) Essential Core 1
- STAT 2010 - Statistical Methods I

Semester Hours: 14

Sophomore Year

First Semester

- SOCI 2500 - Reading and Writing for Sociology
- SOCI 2000-level Electives Sociology 3
- ENGL 2010 - Introduction to World Literature I
- Expansive Core 3
- Natural Science (with lab) Fundamental 3

Semester Hours: 14

Second Semester

- SOCI 2530 - Introduction to Research Methods
- SOCI 2530L - Statistical Software Lab
- SOCI 2000-level Electives Sociology 3
- African American and Diaspora Studies Essential Core 3
- Natural Science (with lab) Essential Core 3
- Fine Arts Essential Core 3

Semester Hours: 16

Junior Year

First Semester

- SOCI 3030 - Sociological Theory
- SOCI 3000-level Electives Sociology 3
- Expansive Core 3
- Minor 3
- Theology 3 Essential Core

Semester Hours: 15

Second Semester

- SOCI 3000-level Electives Sociology 3
- Free Electives 3
- Minor 6
- Philosophy Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- SOCI 4000-level Electives Sociology 3
- SOCI 4903 - Independent Study
or
- SOCI 4950 - Internship
- Free Electives 3
- Minor 6

Semester Hours: 15

Second Semester

- SOCI 4000-level Electives Sociology 3
- SOCI 4999 - Senior Comprehensives.
- Free Electives 3
- Minor 3
- Philosophy Essential Core 3
- Theology Essential Core 3

Semester Hours: 15

Summary: Program in Sociology

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, STAT 2010/MATH 1020), Natural Science (3), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3), Social Science (3, SOCI 1010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 33

- SOCI 1010 - Introduction to Sociology
- SOCI 1011 - Global Social Change
or
- SOCI 1015 - Popular Culture and Society
- SOCI 2000-level Electives 6
- SOCI 2500 - Reading and Writing for Sociology
- SOCI 2530 - Introduction to Research Methods
- SOCI 2530L - Statistical Software Lab
- SOCI 3030 - Sociological Theory
- SOCI 3000- level Electives 6
- SOCI 4000-level Electives 6
- SOCI 4903 - Independent Study
or
- SOCI 4950 - Internship
- SOCI 4999 - Senior Comprehensives.

Minor: 18

Free Electives: 9

Total Hours: 120

Sociology, Public Service Accelerated, B.A.

Students interested in working in the non-profit sector, government, health care, education, or human resources may participate in a joint, five-year program leading to a bachelor's degree in Sociology and a master's degree in Public Administration from the University of New Orleans. Students earn 102 credit hours at Xavier and then pursue graduate study during their senior year. Upon successful completion of 18 hours of graduate coursework, the student earns a B.A. degree from Xavier. Students are responsible for admission to and financing of the graduate program. Students not accepted may continue in the B.A. Program in Sociology. Students should communicate their interest to the Department Head by fall of their sophomore year and should maintain close communication with their academic advisor. Participation is contingent on acceptance to the program by the University of New Orleans in the fall semester of the student's junior year. Students must take the GRE before applying and must have a 3.0 cumulative GPA.

Students must complete 30 credit hours of undergraduate sociology courses, including the twelve credit hours required of all majors, and SOCI 3020, SOCI 3025, SOCI 3100, SOCI 4020, and SOCI 4080. They must also complete six credit hours of approved courses in their graduate program that can be applied to their undergraduate sociology program. MATH 1020 (STAT 2010) is required. ECON 2010 and ECON 2020 are strongly recommended. Students are strongly encouraged to minor in Public Administration or another closely affiliated program so that they may apply six hours of graduate credit to their minor.

Freshman Year

First Semester

- SOCI 1010 - Introduction to Sociology
- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric
- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- History Essential Core 3
- STAT 2010 - Statistical Methods I (MATH 1020)

Semester Hours: 16

Second Semester

- SOCI 2010 - Social Problems
- Communication Studies Essential Core 3
- ENGL 1020 - English Composition and Literature
- Fine Arts Essential Core 3
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II

Semester Hours: 16

Sophomore Year

First Semester

- SOCI 2500 - Reading and Writing for Sociology
- SOCI 3100 - Social Policy
- African American and Diaspora Studies Essential Core 3
- Minor 3
- Natural Science (with lab) Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 17

Second Semester

- SOCI 2530 - Introduction to Research Methods
- SOCI 2530L - Statistical Software Lab
- SOCI 3020 - Political Sociology
- BIOL 1050 - Environmental Biology Fundamental
- ENGL 2010 - Introduction to World Literature I
- Physical Education (activity course) Essential Core 1
- Theology Essential Core 3

Semester Hours: 17

Junior Year

First Semester

- SOCI 3025 - African American Urban Life
- SOCI 3030 - Sociological Theory
- ECON 2010 - Principles of Micro Economics
or
- ECON 2020 - Principles of Macro Economics
- Expansive Core 3
- Minor 3
- Philosophy Essential Core 3

Semester Hours: 18

Second Semester

- SOCI 4020 - Urban Sociology
- SOCI 4080 - Race, Class and Gender Inequality
- Expansive Core 3
- Minor 6
- Theology Essential Core 3

Semester Hours: 18

Credits Accepted from Graduate School:

Towards Sociology Major	6
Towards Minor	6
Free Electives	6
Total	18

Summary: Accelerated Program in Sociology of Public Service

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, STAT 2010/MATH 1020), Natural Science (3, BIOL 1050), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication (3), Fine Arts (3), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3), Social Science (3, ECON 2010 or ECON 2020), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 36

- SOCI 1010 - Introduction to Sociology
- SOCI 2010 - Social Problems
- SOCI 2500 - Reading and Writing for Sociology
- SOCI 2530 - Introduction to Research Methods
- SOCI 2530L - Statistical Software Lab
- SOCI 3020 - Political Sociology
- SOCI 3025 - African American Urban Life
- SOCI 3030 - Sociological Theory
- SOCI 3100 - Social Policy
- SOCI 4020 - Urban Sociology
- SOCI 4080 - Race, Class and Gender Inequality
- and 6 approved sociology credit hours from graduate program.

Minor: 18

(including 6 approved credit hours from graduate program).

Free Electives: 6

(6 from graduate program)

Total Hours: 120

Non-degree

Sociology Minor

Students selecting a minor in sociology must complete a minimum of 18 semester hours in sociology, meeting three criteria.

1. *Core courses* (six credit hours total): SOCI 1010 - Introduction to Sociology and SOCI 3030 - Sociological Theory, are required.
2. *Electives* (nine credit hours total): Students may choose any combination of sociology courses to complete this component of the minor *with the one following exception*: students may NOT take two 1000 level courses with one 2000 level course to complete this component of the minor. Any other combination is acceptable (e.g., two 1000 level courses with one 3000 level course is acceptable, as is one 1000 level course with two 2000 level courses).
3. *Seminar* (three credit hours total): Students minoring in sociology must take at least one 4000 level course of their choice.

No matter which set of nine hours of electives students take, all minors must take SOCI 1010 - Introduction to Sociology and SOCI 3030 - Sociological Theory.

Department of Speech Pathology

Division of Social and Behavioral Sciences

Xavier South Suite 510 - (504) 520-5087 - <http://www.xula.edu/speechpathology/index.php>

Xavier University's Speech Pathology Program is a four-year undergraduate program that provides students a thorough pre-professional foundation in theoretical and foundational knowledge of human communication and disorders. The Program provides a didactic learning environment characterized by academic education and clinical experiences. Students complete coursework related to the acquisition of speech, language, and hearing and on the nature, prevention, evaluation, and treatment of communication disorders. Scenario-based learning is embedded into classroom instruction using projects/ observations, computer-based simulations and research. Learning activities challenge students to use analytical and critical thinking skills to solve problems related to individuals with communication disorders. Students who attain competency with these pre-clinical skills will be allowed to participate in clinical experiences in Xavier's Speech and Hearing Clinic.

Students who successfully complete the program are awarded the Bachelor of Science degree in Speech Pathology and are prepared for graduate study in speech pathology or audiology. Students should be aware that a Master's degree and certification/licensure are required to practice as a speech-language pathologist and a Doctorate degree and certification/licensure are required to practice as an audiologist. Service to the community and undergraduate research are two important components of each student's academic experience in the Department.

Students who want to obtain a Provisional Speech-Language Pathology Assistant (SLPA- Provisional) License in the state of Louisiana must obtain at least 100 clinical hours and must plan their program of study with the Speech Pathology Department Head during the junior year.

Learning Outcomes

In addition to satisfying the goals of the Core Curriculum, this program is designed to:

- a. provide adequate preparation for entry into a graduate program in speech-language pathology or audiology;
- b. provide students with an experiential learning situation (observations and clinical practicum) to facilitate transference of their theoretical knowledge into the practical situation; and
- c. instill values of professionalism and awareness of providing service to others.

The department houses the Xavier University Speech and Hearing Clinic and Xavier's Chapter of the National Student Speech-Language-Hearing Association. The Speech and Hearing Clinic provides both evaluations and treatment for all types of communication disorders to students, staff and local residents. The National Student Speech, Language and Hearing Association (NSSLHA) is the national organization for graduate and undergraduate students interested in the study of normal and disordered human communication. NSSLHA is the only official national student association recognized by the American Speech Language Hearing Association (ASHA).

The Department offers SPTH 2340 (Anatomy and Physiology of the Speech and Hearing Mechanism) as part of the Expansive Core Curriculum.

For degree credit, Department majors must earn a "C" or better in all of their required major courses. Except in unusual circumstances, any student who has to repeat two or more major required courses because of a grade of "D" or "F" by the middle of their junior year will not be permitted to continue as a speech pathology major. All majors are required to pass a comprehensive examination. Majors may take the comprehensive examination no more than twice in an academic year. Majors must earn a grade of "B" or better in Articulation Disorders (SPTH 3920), Language Disorders (SPTH 3010) and Introduction to Clinic (SPTH 3760) in order to take Clinical Practicum (SPTH 4601P/SPTH 4602P). All majors are expected to attend all departmental meetings.

Bachelor of Science

Speech Pathology, B.S.

Freshman Year

First Semester

- BIOL 1030 - General Biology (Non-science majors)
- BIOL 1030L - General Biology Lab (Non-science majors)
or
- BIOL 1040 - General Biology (Non-science majors)
- BIOL 1040L - General Biology Lab (Non-science majors)

- ENGL 1000 - Intensive English Composition and Rhetoric
or
- ENGL 1010 - English Composition and Rhetoric

- Foreign Language Fundamental Core 3
- FRSM 1000 - Freshman Seminar I
- History Essential Core 3
- MATH 1010 - Principles of Modern Mathematics

Semester Hours: 16

Second Semester

- CMST Elective Essential Core 3
- ENGL 1020 - English Composition and Literature
- Foreign Language Fundamental Core 3
- FRSM 1100 - Freshman Seminar II
- Physical Education Essential Core 1
- SPTH 1320 - Introduction to Communication Disorders

Semester Hours: 14

Sophomore Year

First Semester

- SPTH 2340 - Anatomy and Physiology of Speech and Hearing Mechanism
- African American and Diaspora Studies Essential Core 3
- ENGL 2010 - Introduction to World Literature I
- PSYC 1010 - Introductory Psychology
- PHYS/CHEM Essential Core 3

Semester Hours: 16

Second Semester

- SPTH 2310 - Phonetics
- SPTH 2510 - Speech Science
- SPTH 2730 - Normal Language Development
- Fine Arts Essential Core 3
- Philosophy Essential Core 3

Semester Hours: 15

Junior Year

First Semester

- SPTH 3010 - Language Disorders
- Physical Education Essential Core 1
- SPTH 3335 - Audiology
- SPTH 3920 - Articulation Disorders
- MATH 1020 - Basic Statistics I
- Minor 3

Semester Hours: 16

Second Semester

- SPTH 3340 - Aural Rehabilitation
- SPTH 3760 - Introduction to Clinic
Minor 3

- PSYC 2020 - Research Methods
or
- CMST 3020 - Introduction to Communication Studies Research

- Theology Essential Core 3

Semester Hours: 15

Senior Year

First Semester

- SPTH Elective (3)

- SPTH 4601P - Clinical Practicum in Speech Pathology
or
- SPTH Elective (3)

- Expansive Core 3
- Minor 6

Semester Hours: 14-15

Second Semester

- SPTH 4601P - Clinical Practicum in Speech Pathology
or
- SPTH 4602P - Clinical Practicum in Speech Pathology
or
- SPTH Elective (3)

- SPTH 4999 - Senior Comprehensives
- Philosophy Essential Core 3
- Theology Essential Core 3
- Minor 6

Semester Hours: 14-15

Summary: Program in Speech Pathology

Fundamental Core: 18

English Composition (6, ENGL 1000/ENGL 1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/BIOL 1030L), World Language (6)

Essential Core: 36

Freshman Seminar (2), African American and Diaspora Studies (3), Communication Studies (3), Fine Arts (3), History (3), Philosophy (6), Physical Education (1, activity course), Natural Science (3, PHYS/CHEM), Social Science (3, PSYC 1010), Theology (6), World Literature (3, ENGL 2010)

Expansive Core: 6

Major: 45-47 *

- SPTH 1320 - Introduction to Communication Disorders
- SPTH 2310 - Phonetics
- SPTH 2340 - Anatomy and Physiology of Speech and Hearing Mechanism
- SPTH 2510 - Speech Science
- SPTH 2730 - Normal Language Development
- SPTH 3920 - Articulation Disorders
- SPTH 3010 - Language Disorders
- SPTH 3335 - Audiology
- SPTH 3340 - Aural Rehabilitation
- SPTH 3760 - Introduction to Clinic
- SPTH elective (3)

- SPTH elective (3)
or
- 4601P (2)

- SPTH Elective (3)
or
- 4602P (2)

- MATH 1020 - Basic Statistics I *

- PSYC 2020 - Research Methods
or
- CMST 3020 - Introduction to Communication Studies Research

Minor: 18

Total Hours: 120-122

*MATH 1020 may be credited toward an Expansive Core requirement.

Non-degree

Speech Pathology Minor

Required Courses

This program consists of 19 Semester Hours in Speech Pathology of which the following are required:

- SPTH 1320 - Introduction to Communication Disorders
- SPTH 2310 - Phonetics
- SPTH 2340 - Anatomy and Physiology of Speech and Hearing Mechanism

Total Hours: 19

Nine hours must be taken from any of the other SPTH courses with the exception of clinical practicum courses. Students who minor in Speech Pathology are not allowed to take clinical practica courses.

Graduate Programs

Graduate Programs

Purpose

Graduate programs at Xavier University began in 1933 in response to requests from persons in the New Orleans area who wished an opportunity to pursue graduate studies. Since that time, Xavier's Graduate Programs have provided quality programs that foster the core values of scholarship, service and societal improvement consistent with Xavier's unique mission. Academic achievement, professional practices and ethics are stressed in each discipline.

Scholarship, teaching and service are integral to the student's educational experience at Xavier and beyond the classroom into the community at large. As part of the educational experience, Xavier's Graduate Programs encourage faculty-student and student-student relationships in an effort to cultivate respect for the individual and foster human development.

The following degrees are offered at Xavier: the Master of Arts, the Master of Arts in Teaching, the Master of Theology and the Doctor of Education in Educational Leadership. The programs focus on the disciplines of education, leadership counseling, and theology.

Education and Counseling Programs

Masters Degree

Graduate course work for the Master's degree in Educational Leadership, Counseling, and Curriculum and Instruction is offered in the Division of Education and Counseling. Areas of specialization are listed below. In addition, programs are also offered for initial Louisiana teacher certification through the M.A.T. program (Master of Arts in Teaching).

Master of Arts - This program is offered in the following areas, with several specializations within each area for those applicants who possess a valid teaching certificate:

1. Educational Leadership - Professional preparation in Educational Leadership is offered with specialization in the following area:
 - Educational Leadership - building-level K - 12 certification track, and
 - Educational Leadership - non-certification track
2. Curriculum and Instruction - Professional preparation for leadership in Curriculum and Instruction is offered in the following specialized areas:
 - Reading Specialist
 - Special Interest - General and
 - Special Interest - Teacher Leader
3. Counseling - Professional preparation is offered for counselors to work in schools, post-secondary educational settings, and mental health facilities. Counseling programs meet all requirements for state certification and academic requirements for licensure. The specializations are:
 - School Counseling, and
 - Clinical Mental Health Counseling

Master of Arts in Teaching - This program is offered in the following areas for those applicants who are seeking certification and who have passed the appropriate PRAXIS examinations:

- Elementary Education (Grades 1-5)
- Secondary Education (Grades 6-12)

- K-12 Education
- Elementary/Special Education (Grades 1-5)
- Middle School /Special Education (Grades 4-8) and
- Secondary Education/Special Education(Grades 6-12)

Doctoral Degree

Graduate course work for the Doctor of Education in Educational Leadership is offered in the Division of Education and Counseling.

Doctor of Education in Educational Leadership

The first doctorate in the College of Arts and Sciences emanated from Xavier faculty members who assisted with the development of a statewide school turnaround program. Xavier's program in educational leadership is designed to prepare visionary leaders who are socially just, promote reflection, and foster transformation in an ever-changing profession. This action-oriented program is designed for practitioners who are advancing in their fields and understand the need for a terminal degree. Unlike other doctoral programs in educational leadership, Xavier's program focuses on the urban community and school turnaround.

Theology Program

The Graduate course work for the Master of Theology degree is offered by the Institute for Black Catholic Studies (IBCS).

Master of Theology

The IBCS' Master of Theology Program, begun at Xavier in 1980, is the only graduate program in the United States for the study of Black Catholic Theology and Pastoral Ministry. As such, the Th.M. degree program offers courses that focus on the integration of the Roman Catholic religious traditions and the distinct experience of African Americans and people of the African diaspora residing in the United States. In addition, the program assists students in integrating theory and praxis, theology and pastoral ministry for sound personal growth, for building up the life of faith, and for effective ministry.

The Graduate Degree program blends rigorous academic and personal learning. The program equips students with methodological tools for critical understanding, analysis, and evaluation.

Graduate Program Policies

The following policies apply to all Xavier graduate programs.

Admission Requirements

Applicants are admitted to a graduate program on a full-time or part-time basis. Candidates for admission must submit a formal application according to the procedures outlined below. The formal application includes an application fee, official transcripts from all undergraduate and, where applicable, all post-baccalaureate institutions where courses were taken; two confidential recommendations (three for Th.M. students); a sample research study (doctoral candidates only); and official test results from either the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT). Test scores older than five years are not accepted. Additional requirements are:

Master's Candidates:

A minimum score of 280 (the combined score from the verbal and quantitative sections) on the GRE or a minimum score of 380 on the MAT is acceptable.

A degree from a regionally-accredited college or university which reflects an overall minimum undergraduate grade point average of 2.5 is required.

Applications must be made by the following dates:

- Fall Semester - July 1
- Spring Semester -December 1
- Summer Sessions - May 1

Doctoral Candidates:

A minimum score of 294 (the combined score from verbal and quantitative sections) on the GRE or a minimum score of 391 on the MAT is acceptable.

A degree from a regionally-accredited college or university which reflects an overall minimum graduate grade point average of 3.0 is required.

Applications must be made by March 1. The doctoral program is built on the cohort learning model and only admits new students for the fall semester.

In addition, applicants for certifying programs must submit passing scores from the appropriate PRAXIS examinations or a valid teaching certificate where applicable.

Graduate Degree Procedures

1. Inquiries:
 - a. Education and Counseling students: Make all inquiries regarding your application to the Director of Graduate Admissions, Division of Education and Counseling.
 - b. Theology students: Make all inquiries regarding your application to the Director of the Institute for Black Catholic Studies.
2. Complete application for admission by the published deadlines. Education and Counseling students should send all information to the Director of Graduate Admissions, Division of Education and Counseling; Theology students should send all information to the Director of the Institute for Black Catholic Studies.
 - a. Pay application fee.
 - b. Send an official transcript of all undergraduate and graduate credits from college or university awarding degree(s), directly to the appropriate office.
 - c. Ascertain that recommendations by two persons qualified to appraise scholastic aptitude and professional potential are on file in the Division of Education and Counseling or the IBCS Office (Theology). Theology students must also submit a third letter of reference from a person qualified to appraise professional or ministerial promise.
 - d. Confirm that the test results for the GRE or MAT are on file in the appropriate office.
 - e. Confirm that scores from the appropriate PRAXIS examinations are on file in the Division of Education and Counseling. (Education and Counseling students only)
 - f. Complete health clearance requirements.
3. Candidacy (Master candidates only) Apply for and achieve advancement to candidacy. To be eligible the student must have:
 - a. Removed all deficiencies for full admission, if applicable.
 - b. Successfully completed 12 course credits of graduate work at Xavier University.
 - c. Earned a grade point average of not less than 3.0.
 - d. Theology students must pass a qualifying exam.

4. Attain status of candidacy (Master's candidates only) from the Graduate Programs Council.
5. Ordinarily, complete all requirements for the degree within a seven-year period, which begins with registration for the first graduate course.
 - a. The maximum number of course credits per semester for full-time students is nine (six course credits are usually recommended).
 - b. A student who is employed full-time ordinarily can register for a maximum of six course credits per semester.
6. Maintain a "B" (3.0) average.
7. The final requirement for master degree candidates is to pass the Comprehensive Final Examination or write a thesis. Comprehensives may be taken after or during the semester in which the candidate is registered for the last three semester hours of credit or successfully completes the thesis option.
8. The final requirement for doctoral degree candidates is to conduct original research, which culminates in a dissertation
9. Complete graduation arrangements for Commencement which is held at the end of the Spring semester for Education and Counseling students and at the end of the summer session for Theology students.
 - a. Education and Counseling students:
 - i. Apply to the Division of Education and Counseling/Graduate Programs for a diploma before November 1.
 - ii. Order hood, cap and gown before December 1.
 - iii. Pay the graduation fee of \$110. Students are encouraged to be present for the conferring of the Master's Degree.
 - iv. Request to receive the degree in absentia is to be made in writing to the Chair of the Division of Education and Counseling at least four weeks before commencement. An additional fee of \$25 is required (the total graduation fee for an in absentia request is \$125).
 - b. Theology students:
 - i. Apply to the Director of the Institute for Black Catholic Studies the summer prior to intended graduation.
 - ii. Order hood, cap and gown before May 1 prior to graduation.
 - iii. Pay a graduation fee of \$100.
 - iv. Graduates are expected to be present for the conferring of the Master's Degree at the end of the summer session.

Transcript Policy

Transcripts submitted for admission purposes must be official copies sent directly from the originating school or college. Education and Counseling student transcripts should be sent to the Director of Graduate Admissions in the Division of Education and Counseling. Master of Theology student transcripts should be sent to the Director of the Institute for Black Catholic Studies. Unofficial transcripts submitted by the applicant are not acceptable for admission purposes.

Admission to a Degree Program

Full Acceptance - An applicant is granted full acceptance provided all admission requirements have been completed: GRE or MAT score; official transcript of baccalaureate degree, and post-baccalaureate degree if applicable; two professional, confidential recommendations (Theology students must also submit a third letter of reference from a person qualified to appraise professional or ministerial promise), and approval by the Director of the appropriate graduate program. In addition, Education students must submit Praxis scores, if applicable; Theology students must complete a personal interview; and doctoral students must submit a sample research study.

Conditional Acceptance - An applicant may be granted conditional acceptance when he/she does not meet one or more of the full admission requirements. A student admitted conditionally will have that condition(s) identified by the Director of the appropriate graduate program. Any conditional acceptance must be removed within the first year of enrollment. The applicant, who is conditionally accepted, may accumulate no more than nine hours of graduate credits.

Deferred Admission

Applicants who have been given full acceptance to Graduate Studies may defer their admission for up to two semesters by notifying the Director of the appropriate graduate program in writing. They may apply in writing for reactivation of their application status any time during the deferred time period.

Readmission

Students in education and counseling who have not attended for one year or who wish to change their status in the Graduate program may apply for readmission by completing a formal readmission form and gaining approval from the Chairperson of the Division of Education and Counseling.

Admission of International Students

For information about Admission of International Students, please see the general Admission - International Students section of this Catalog.

Transient Student Status

The Division of Education and Counseling and the Institute for Black Catholic Studies will consider applicants from graduate students for the Transient Student category if they meet the following criteria:

1. Applicant must be currently registered in an accredited graduate school.
2. Applicant must submit a current official transcript from the graduate school along with a letter of good standing from the Dean of the graduate school.
3. Courses taken at Xavier University must be approved by the Director of the appropriate graduate program.

Summer Session

Applications for admission to the summer sessions are due by May 1. The following policies are in force during the summer session:

1. The university reserves the right to cancel any summer course for which fewer than eight students have enrolled.
2. Students are classified as full-time students in the summer session if they enroll for three or more credit hours.
3. Students who register after the registration period will be required to pay a late registration fee of \$100. Students will not be allowed to register after the second day of classes.
4. An official withdrawal from a class must be approved in writing by the Director of the appropriate graduate program prior to the end of the second week in a five-week session, or before the end of the first week in a three-week session.

Orientation and Advisement

The faculty and staff of the Division of Education and Counseling are charged with the orientation and advisement of the Education and Counseling students in their concentrations. New students to the education and counseling programs are notified in writing, at the time of their acceptance, of the time and place to begin their registration. Advisors inform students of University and Graduate policies and procedures and assist in course selection. Students usually retain the same advisor until they complete their program.

Advising of Institute for Black Catholic Studies (IBCS) graduate students occurs during the on-campus final registration period. Designated advisors review and approve students' selected classes according to their program of study. The orientation program for IBCS students is held on Sunday, before the Opening Mass of the Holy Spirit, when students and faculty gather at a central location to meet with the program directors. Students and faculty also meet the program staff members and are informed of the University's and the Graduate policies and procedures, the location of key buildings on campus, and activities schedules. Students and faculty form small groups led by a continuing student who serves as a mentor.

Financial Arrangements

Xavier University is a private institution and charges tuition accordingly. In-service personnel in educational institutions receive a tuition discount that is subject to change without notice. Questions about other forms of financial assistance should be directed to the Director of the appropriate graduate program. All inquiries about financial aid should be directed to the Office of Financial Aid.

Request for Transcript

Transcripts of a student's academic record will be issued upon written application to the Registrar and payment of the fee at least one week in advance of the date the record is needed, provided that all financial obligations to the university, including Federal Loan repayments, are cleared. No transcripts will be issued during the period of registration or the period of final examinations.

Fees and Expenses

For information about Division of Education and Counseling Fees and Expenses, please see the Tuition and Fees section of this Catalog. For information about the Master of Theology Program fees and expenses, please see the IBCS website <http://www.xula.edu/ibcs>.

Specific Requirements for Education and Counseling Students

a. **English Writing Competency Requirements**

All education and counseling graduate students are required to demonstrate competency in written English. Candidates must submit a writing sample with the application for admission. If competency in written English is not demonstrated, candidates will be required to enroll in GENG 5150 - Advanced Writing, during the first semester it is offered after being admitted into a graduate program or, in some cases, use the Writing Center. The Chair of the Division of Education and Counseling will inform candidates as to which option they are required to complete.

b. **Comprehensive Examinations**

A written comprehensive examination is required of every master's degree candidate who does not choose the option to write a thesis. An oral examination may also be required if the faculty deem it necessary. Comprehensive examinations may be taken after or during the term in which the candidate for the degree is registered for the last three hours of credit. In the latter case, the student must have completed all core courses and the required courses in the area of concentration.

The written comprehensive examination is designed to test the candidate's mastery of his or her major field and not simply the course material. A student who fails his/her comprehensive examination the first time must meet with his/her advisor before registering to take the comprehensive examination the second time. A student who fails the comprehensive examination a second time must complete three credit hours as assigned by his/her advisor before the third attempt. Any student failing the comprehensive examination the third time will be disqualified as a candidate for a degree from Xavier University in that discipline.

All MAT candidates must take and pass the appropriate Praxis PLT to satisfy the University requirement for comprehensive examinations. Educational Leadership majors seeking certification must take and pass the School Leaders Licensure Exam (SLLA) to satisfy the University requirement for comprehensive examinations.

All students pursuing the Master of Arts in Counseling must take the program's exit examination prior to beginning Internship II. Students pursuing the specialization in Clinical Mental Health must pass the exit examination. All students pursuing the specialization in School Counseling must take the Professional School Counselor (0421/5421) PRAXIS examination, as well as the exit examination, and must receive a passing score on at least one of the national examinations. Students are required to pass an oral clinical defense prior to graduation.

c. Thesis Requirements -- Masters

A student may choose the option of writing a thesis in lieu of a written comprehensive examination, but not a required Praxis exam. However, the student must enroll in EDCI/EDAD 7500 - Thesis - for three hours of graduate credit the semester prior to his/her last semester. The grade will be posted at the end of the next semester. For details related to the Thesis Requirement, please refer to the Division of Education and Counseling's *Graduate Student Handbook*.

Specific Requirements for Master of Theology Students

This program is intended for college graduates who desire a holistic, inter-disciplinary Black Catholic Theological program to prepare them to participate in the Catholic Christian mission in the Black community as a theologically and culturally competent ordained, religious or lay ecclesial minister. It is also intended for graduate students or ministers on sabbatical who wish to enrich their general theological studies by exploring the Catholic theological tradition and its particular meanings for the social and spiritual experience of Black peoples in the United States and the broader Pan African World.

The program blends rigorous academic work with experiential learning and equips students with methodological tools for critical study, understanding, analysis, and evaluation. At the same time, the program assists students in integrating theory and praxis, theology and pastoral ministry. Such integration should lead to an intellectually grounded faith, sound personal growth, and effective ministry that contribute to the continual building of the life of the faith Community.

The Master of Theology (Th.M.) degree program currently offers two tracks that enable students to focus their studies within a specific academic discipline: Track 1 - Urban Catholic Education/Catechesis. This track prepares students currently working as or seeking future employment and or ministry opportunities as teachers, religious educator, or directors of religious education. Track 2 - Word & Worship (Liturgy & Preaching.) This track prepares students both lay and ordained to serve as liturgists, pastoral ministers, pastoral musicians or preachers within ecclesial settings.

As an integral part of its programs, the Institute expects students to fully participate in all aspects of community life, liturgical experiences, the formation program, cultural events, shared meals, and collaborative study groups which are all part of the Institute "experience." To facilitate the realization of these goals, all participants are strongly encouraged to live on campus during the summer session.

1. Written Qualifying and Comprehensive Examinations

A written qualifying examination is required of every candidate for a master's degree. Ordinarily students must take this exam after successfully completing IBTH 5010 and two to three additional core course in the Master's Program. The qualifying exam serves as an opportunity for a detailed review of material encountered in those courses designed as the Core and Area Requirements for the Th.M. Degree Program. An oral examination may also be required if the faculty deem it necessary.

Comprehensive examinations are taken after the completion of all degree requirements, i.e., course work, research paper and practicum. The comprehensive is an oral exam that reviews the student's comprehension of his/her theological studies and their implication for pastoral practice. It is usually administered during the term in which the candidate for the degree is registered for graduation and/or the last three hours of credit. In the latter case, the student must have completed all core courses in the area of concentration. The written comprehensive examination is designed

to test the candidate's mastery of his or her major field as indicated by his/her research topic and practicum.

Thesis (Major Research Paper)

The thesis should be an in-depth study by the student on a topic agreed upon with the Research Advisor. It is an independent project, but the Degree Faculty recommends strongly that, whenever possible, it be related to the Practicum. Students are strongly encouraged to design and prepare the thesis or major research paper so that it provides the theological and theoretical foundation for the Practicum project. The signed comments of two (2) readers awarding the grade are to be filed in the Office of the Institute for Black Catholic Studies. The student should refer to the *IBCS Handbook of Policies, Procedures, and Information for the Master's Degree, An Interdisciplinary Degree in Pastoral Studies* for specific details on planning and completing the major research paper.

2. **Practicum**

Students may do two types of praxis projects:

1. Practicum Plan A entails supervised work in the Black community, and it represents an initiative directed toward systemic change in pastoral ministry among Black Catholics.
2. Practicum Plan B requires the student to complete an historical essay integrating oral history and archival research.

The student should refer to the *IBCS Handbook of Policies, Procedures, and Information for the Master's Degree in Theology, An Interdisciplinary Degree in Pastoral Studies* for specific details on planning, completing and evaluating the Practicum.

3. **Oral Comprehensive Exam**

The purpose of the Oral Comprehensive Examination is to provide a structured opportunity for the student to demonstrate her or his integration of learning and insights from course work, the Practicum Project, and the Major Research Paper. More broadly, the goal of the Examination is to allow the student to illustrate how the Practicum experience is related to the educational work of the IBCS. At the same time, the student must be prepared to demonstrate the practical effect and benefits of the project for the larger Black community, and for other ministers serving the Black community. The student should refer to the *IBCS Handbook of Policies, Procedures, and Information for the Master's Degree in Theology, An Interdisciplinary Degree in Pastoral Studies* for specific details on the Oral Comprehensive Examination.

College of Pharmacy

College of Pharmacy

Qatar Pavilion 218 - (504) 520-7500 - <http://www.xula.edu/cop/index.html>

General Information

The Xavier University College of Pharmacy holds a place of distinction among the nation's colleges of pharmacy. From its origin, the College has been dedicated to bringing minorities into the learned and respected profession of pharmacy. For years, Xavier has been among the top four producers in the nation of African Americans with a Doctor of Pharmacy degree. Even with that commitment to minority education, the College welcomes and remains open to all races.

The mission of the Xavier University of Louisiana College of Pharmacy is to prepare pharmacists to impact the medically underserved communities, particularly African Americans, in an effort to eliminate health disparities through patient-centered care, community service, and scholarly work.

To achieve this mission, the curriculum provides:

1. Instruction in the physical, chemical, biological, behavioral sciences, and management.
2. A clinical component designed to develop graduates skilled in:
 - a. Monitoring and evaluating drug therapy,
 - b. Engaging in drug distribution activities,
 - c. Providing drug information to other members of the health care team and to the public, and
 - d. Effectively relating to and communicating with patients and other health care professionals;
3. Motivation to increase competency after graduation through continuing education; and,
4. An opportunity to engage in meaningful scientific research as a preparation for further study in pharmaceutical and clinical sciences.

Students benefit from expert guest lecturers, and receive experiential training from preceptors in an array of community pharmacies, hospitals and other health care facilities in the greater New Orleans area, throughout the state and in select facilities across the country.

Admission to the College of Pharmacy

The prepharmacy curriculum offered in the College of Arts and Sciences' Chemistry Department prepares students for pharmacy school. Students wishing to pursue a Doctor of Pharmacy (Pharm.D.) degree through Xavier's College of Pharmacy must complete 66 credit hours of the Chemistry Prepharmacy curriculum prior to being admitted to the Pharm.D. program (contact the Department of Chemistry for details of this curriculum). Students transferring to Xavier University from another college or university are not required to complete the two semester hours of Freshman Seminar. Consequently, the total semester hour requirement for these applicants is 64. Applicants external to Xavier University must also comply with the requirements for admission to Xavier University. Students who are admitted to the College of Pharmacy must satisfy all conditions stipulated in the admissions notice and present documentation to the Admissions Office prior to enrolling for the first year.

In Fall 2014, the College of Pharmacy (COP) moved to a centralized application system under PharmCAS (www.pharmcas.org). PharmCAS allows an applicant to upload an application, grade information, references, statement of interest, PCAT scores, and TOEFEL scores (where applicable). The applicant also sends official transcripts from all U.S. schools attended and foreign transcript evaluations directly to PharmCAS. After a PharmCAS application is complete, the College of Pharmacy will invite qualified applicants to submit a supplemental application and other materials for admission consideration to Xavier University College of Pharmacy.

In order to be considered for admission to the Doctor of Pharmacy program, students must have an overall GPA of 2.75 in required prepharmacy courses, a 2.75 GPA in all required prepharmacy math and science courses and a minimum grade of "C" in all prepharmacy courses. Selected applicants must appear on campus for a personal interview as part of the admissions process.

Applicants must adhere to the deadlines as specified on the College of Pharmacy webpage for the following:

PharmCAS documents:

- A. PharmCAS application (A PharmCAS fee of \$150 is charged for processing)
- B. Official transcripts from each college or university attended. If an applicant has had previous college work outside the United States, the applicant must have his/her records evaluated by a U.S. foreign credential evaluation service.
- C. Statement of interest
- D. Recommendation forms (3 required)
- E. Pharmacy College Admissions Test (PCAT).

Supplemental information (requested of applicants who have completed PharmCAS)

- A. Supplemental Application
- B. Prepharmacy requirements form
- C. Certificate of Financial Support (non-citizens only)
- D. Naturalization papers (if applicable)

The College of Pharmacy has implemented a five-year time limit on the completion of all prerequisite math and science courses. No math or science course completed more than five years prior to the year the student applies to the College of Pharmacy will be accepted. Any student who wishes to appeal the policy must submit the Appeal Form (found on the COP Webpage) and official transcript of coursework completed by the applicant to the Office of Student Affairs.

General ethics courses will not be considered in fulfillment of the health ethics requirement at Xavier University. Transfer credit for PHIL 2400 - Health Ethics must be a comparable course in bioethics, medical ethics or health ethics. Any health ethics course completed at an institution other than Xavier will be subject to review.

Any required prepharmacy course that cannot be substituted with courses from the student's transcript must be completed prior to enrollment. Only grades of "C" or better in acceptable courses will transfer to Xavier University of Louisiana.

In general, the College of Pharmacy does not accept transfer students from other colleges or schools of pharmacy. However, these students may be considered for admission under exceptional circumstances. Each request for transfer is evaluated on an individual basis.

High school students may be admitted to the College of Pharmacy as part of the **Contingent Admit Program**. This program is designed to admit high-performing high school seniors to the COP upon graduation from high school. To be considered for contingent admission, the student must achieve a minimum composite ACT score of 23 (or equivalent SAT score) and have a minimum cumulative high school GPA of 3.3 or above on a 4.0 scale in a college preparatory high school. Complete details may be found on the COP website at: <http://www.xula.edu/cop/contingent.html>

College of Pharmacy Academic Policies

The College of Pharmacy Academic policies are published in the Academic and Ethical Handbook and updated annually. While a copy is provided to all first year students, a copy may also be found on the university website at: www.xula.edu/cop/documents/AcademicandEthicalHandbook.pdf.

Requirements for the Doctor of Pharmacy Degree

To be eligible for the degree of Doctor of Pharmacy (Pharm.D.), a student must have pursued college level work for six years (four of these in the College of Pharmacy) and have completed 147 (148) semester hours of work. The student must have a 2.00 grade point average for courses attempted in the four-year professional curriculum.

Licensure

In addition to graduation from an accredited school of pharmacy, an applicant for examination and licensure in Louisiana must be a United States citizen or have permanent resident status and must have acquired 1500 hours of practical experience under the instruction and supervision of a registered pharmacist. These 1500 hours are to be acquired according to the guidelines of the Louisiana State Board of Pharmacy. Graduates are eligible to pursue licensure in states of their choice provided they meet the relevant requirements of those states.

Doctor of Pharmacy

Entry-Level Professional Program, Pharm.D.

Pharmacy majors should note that health care is a rapidly changing field. To remain current with changes occurring in the practice of pharmacy, the academic program is subject to periodic revision of curricular content and requirements. Although overall program length will not be affected, students currently enrolled at the time of such revision will be held responsible for any new requirements. Opportunity to meet any new requirements will be provided within the constraints of the standard academic calendar. This policy is necessary to assure that graduates are well prepared to assume a progressive pharmacy practice in a dynamic health care environment. Students should consult with their advisors on a frequent basis to assure that current degree requirements are met.

First Year

First Semester

- PHCL 3610 - Biomedical Immunology
- PHCL 3620 - Human Physiology and Anatomy
- PHCL 3620L - Human Physiology and Anatomy
- PHCY 3610 - Drug Information and Literature Evaluation I
- PHCY 3620 - Pharmaceutical Calculations
- PHCT 3050 - Pharmaceutics I
- PHCT 3050L - Pharmaceutics I
- PHSC 3650 - Pharmacy Biotechnology and Pharmacogenomics
- PHSC 3810 - Pharmacy Biochemistry/Molecular Biology
- PHSC 3910 - Medicinal Chemistry/ Pharmacology (MCP) I
- PCLN 3601 - Introductory Pharmacy Practice Experience I - Wellness Service Learning
- PCLN 3603 - Introduction to Pharmacy Practice Experience I Seminar *
- PCLN 3630 - Professional Practice
- PCLN 3630L - Professional Abilities Lab (PAL) I
- PCLN 3700 - Introduction to Therapeutics

Semester Hours: 17

Second Semester

- PHCL 3630 - Human Physiology and Anatomy
- PHCT 3050 - Pharmaceutics I

- PHCT 3050L - Pharmaceutics I
- PHSC 3650 - Pharmacy Biotechnology and Pharmacogenomics
- PHSC 3910 - Medicinal Chemistry/ Pharmacology (MCP) I
- PCLN 3602 - Introductory Pharmacy Practice Experience I - Patient Interviewing
- PCLN 3604 - Introduction to Pharmacy Practice Experience I Seminar *
- PCLN 3700 - Introduction to Therapeutics

Semester Hours: 17

Second Year

First Semester

- PCLN 4630L - Professional Abilities Lab (PAL) II
- PCLN 4770 - Therapeutics II: Immunology & Rheum. Diseases
- PCLN 4771 - Therapeutics II: Dermatology & Respiratory
- PCLN 4772 - Therapeutics II: Cardiology I
- PCLN 4773 - Therapeutics II: Endocrine
- PCLN 4774 - Therapeutics II: Gastro/Hepatology
- PHCT 4550 - Pharmaceutics II
- PHSC 4910 - Medicinal Chemistry/Pharmacology (MCP) II
- PHCY 4610 - Drug Information and Literature Evaluation II
- PCLN 4601 - Introductory Pharmacy Practice Experience II-Community

Semester Hours: 18

Second Semester

- PCLN 4640L - Professional Abilities Lab (PAL) III
- PCLN 4775 - Therapeutics III: Fluid/Electrolyte/Renal
- PCLN 4776 - Therapeutics III: Cardiology II
- PCLN 4777 - Therapeutics III: Neurology
- PCLN 4778 - Therapeutics III: Psychiatry
- PHAD 4220 - Public Health/Epidemiology
- PHCT 4800 - Biopharmaceutics and Basic Pharmacokinetics
- PHSC 4920 - Medicinal Chemistry/Pharmacology (MCP) III
- PCLN 4602 - Introductory Pharmacy Practice Experience II-Institutional

Semester Hours: 18

Third Year

First Semester

- PCLN 5610L - Professional Abilities Lab (PAL) IV

- PCLN 5320 - Therapeutics IV: Infectious Disease 2
- PCLN 5330 - Therapeutics IV: Oncology
- PCLN 5310 - Therapeutics IV: Infectious Disease 1
- PHAD 5220 - Pharmacoeconomics and Health Outcomes
- PHSC 5910 - Medicinal Chemistry/Pharmacology (MCP) IV.
- PHCY 5610 - Drug Information and Literature Evaluation III
- PHAD 5120 - Seminar in Pharmacy Ethics
- PCLN 5601 - Introductory Pharmacy Practice Experience III - Clinical

Semester Hours: 18

Second Semester

- PCLN 5620L - Professional Abilities Lab (PAL) V
- PCLN 5340 - Therapeutics V: Transplant/Obesity
- PCLN 5350 - Therapeutics V: Men's/Women's Health
- PCLN 5360 - Therapeutics V: Pediatrics/Geriatrics
- PCLN 5370 - Therapeutics V: Nutrition/Critical Care
- PHAD 5320 - Pharmacy Management
- PHAD 5420 - Pharmacy Law
- PHCY 560_ Interprofessional Education Selective** 1
- PCLN 5602 - Introductory Pharmacy Practice Experience III - Medication Counseling
Pharmacy Elective (2-3)

Semester Hours: 16(17)

*PCLN 3603-3604 are supplements to the first year introductory pharmacy practice experiences and must be taken each semester.

**PHCY 560_ Interprofessional Education Selective represents an array of courses featuring opportunities for educational experiences with students in other health professions from which third year (P3) students will select.

Fourth Year

(Including Summer Session)

Seven 6-Week Rotations

(6 semester hours each)

- PCLN 6302 - Community Pharmacy Practice
- PCLN 6304 - Community Pharmacy Practice
- PCLN 6305 - Institutional Pharmacy Practice
- PCLN 6307 - Institutional Pharmacy Practice
- PCLN 6312 - Ambulatory Care Practice
- PCLN 6314 - Ambulatory Care Practice
- PCLN 6322 - Acute Care-Internal Medicine Practice
- PCLN 6324 - Acute Care-Internal Medicine Practice

- PCLN 6332 - Drug Information Services
- PCLN 6335 - Inpatient Infectious Disease Elective
- PCLN 6336 - Outpatient Infectious Disease Elective
- PCLN 6337 - Diabetes Education and Management Elective
- PCLN 6338 - Women's Health Services Elective
- PCLN 6339 - Asthma Education & Management Elective
- PCLN 6340 - Intensive Critical Care Pharmacotherapy Elective
- PCLN 6350 - Pharmacy Compounding Practice Elective
- PCLN 6351 - Home Infusion Pharmacy Elective
- PCLN 6352 - Nuclear Pharmacy Practice Elective
- PCLN 6353 - Hospice Pharmacy Practice Elective
- PCLN 6354 - Specialty Hospital Practice Elective
- PCLN 6355 - Long Term Care Pharmacy Practice Elective
- PCLN 6359 - Pharmacy Benefit Management Elective
- PCLN 6360 - Chain Pharmacy Management Elective
- PCLN 6361 - Professional Organizations Practice Elective
- PCLN 6362 - Health System Pharmacy Management Elective
- PCLN 6363 - Pharmaceutical Sales & Liaison Services Elective
- PCLN 6405 - Research Elective: Minority Health & Health Disparities Research I
- PCLN 6406 - Research Elective: Minority Health & Health Disparities Research II
- PCLN 6407 - Research Elective: Minority Health & Health Disparities Research III
- PCLN 6408 - Research Elective: Basic Pharmaceutical Sciences I
- PCLN 6409 - Research Elective: Basic Pharmaceutical Sciences II
- PCLN 6410 - Research Elective: Basic Pharmaceutical Sciences III
- PCLN 6413 - Research Elective: Clinical Research and Scholarship I
- PCLN 6414 - Research Elective: Clinical Research and Scholarship II
- PCLN 6422 - Professional Experience: Academic Teaching Elective
- PCLN 6501D - Professional Experience Program Meetings I
- PCLN 6502D - Professional Experience Program Meetings II

Summary: Entry-level Professional Program

Doctor of Pharmacy

	Semester Hours
Pharmacy Administration	10
Clinical Pharmacy	87
Pharmaceutics	10
Pharmaceutical Sciences	23
Pharmacology	9
Pharmacy (required)	6

Pharmacy Elective

2(3)

Total Semester Hours: 147(148)

College of Pharmacy Course Symbols

Division of Clinical and Administrative Sciences:

PCLN --	Clinical Pharmacy
PHAD --	Pharmacy Administration
PHCY --	Pharmacy

Division of Basic Pharmaceutical Sciences:

PHCL --	Pharmacology
PHCT --	Pharmaceutics
PHCY --	Pharmacy
PHSC --	Pharmaceutical Sciences

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Fine Arts & Humanities

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Vimal Kishore

Professor, Basic Pharmaceutical Sciences

Ph.D., University of Lucknow

Michael Adams

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Mathematical & Physical Sciences

Ph.D., Ohio State University

Andrew Klimas

Assistant Professor, Mathematics

Mathematical & Physical Sciences

D.A., Idaho State University

Syed Ahmed

Assistant Professor, Business

Ph.D., University of New Orleans

Caitlyn Klimas

Instructor, Mathematics

Mathematical & Physical Sciences

M.S., Idaho State University

Fahamina Ahmed

Clinical Assistant Professor, Clinical & Administrative Sciences

Pharm.D., Xavier University of LA

Vlajko Kocic

Professor, Mathematics

Mathematical & Physical Sciences

D.M.S., University of Belgrade

Renee Akbar

Associate Professor, Education & Counseling

Ph.D., Florida State University

Vladimir Kolesnichenko

Associate Professor, Chemistry

Mathematical & Physical Sciences

Sara Al-Dahir
Clinical Assistant Professor, Clinical & Administrative Sciences
Pharm.D., Xavier University of LA

Rami Al-Horani
Assistant Professor, Basic Pharmaceutical Sciences
Ph.D., Virginia Commonwealth University

Mehnaaz Ali
Associate Professor, Chemistry Mathematical & Physical Sciences
Ph.D., University of Texas, Austin

Sarah Amering
Clinical Assistant Professor, Clinical & Administrative Sciences
Pharm.D., Purdue University

David Anderson
Associate Professor, Mathematics Mathematical & Physical Sciences
Ph.D., Purdue University

Anthony Aramburo
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Ph.D., University of New Orleans

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Ph.D., Delhi University, Delhi, India

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Mohamed Awad
Assistant Professor, Biology Biological & Public Health Sciences
Ph.D., Louisiana State University

Thaddeo K. Babiha
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Ph.D., Brown University

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Pharm.D., Xavier University of LA

Marcus Ballard
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Ph.D., Ukrainian Academy of Sciences

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Dean, College of Arts and Sciences Professor, Business
Ph.D., University of Alabama

Anup Kundu
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Ph.D., Tokyo Institute of Technology

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Associate Professor, English Fine Arts & Humanities
M.F.A., University of New Orleans

Irwin Lachoff
Associate Librarian
M.A., University of New Orleans

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Ph.D., Michigan State University

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David Lanoue
Professor, English Fine Arts & Humanities
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Joseph Laroche
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Assistant Professor, Chemistry Mathematical & Physical Sciences
Ph.D., University of Texas, Austin

Silas Lee, III
Assistant Professor, Sociology Social & Behavioral Sciences
Ph.D., University of New Orleans

Kitani Lemieux
Associate Professor, Basic Pharmaceutical Sciences
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Fine Arts & Humanities

D.M.A., University of Southern Mississippi

Ann Barbre

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Professor, Clinical & Administrative Sciences
Ph.D., University of Mississippi

Vincent Barraza

Assistant Librarian
M.A., Marist College - Lorenzo de'Medici International Institute

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Biological & Public Health Sciences
Ph.D., Harvard University

James Bartkus

Assistant Professor, Business
Ph.D., University of New Orleans

Jose J. Bautista

Professor, Business
Ph.D., Tulane University

Stephanie Baxter

Instructor, Mathematics
Mathematical & Physical Sciences
M.Ed., Southern Arkansas University

Thora Bayer

Professor, Philosophy
Fine Arts & Humanities
Ph.D., Emory University

Ronald Bechet

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Fine Arts & Humanities
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Amy Bellone-Hite

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Social & Behavioral Sciences
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Professor, Public Health Sciences
Biological & Public Health Sciences
M.D., University of Alabama

Robert B. Berman

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Fine Arts & Humanities
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Jason Berntsen**Associate Professor, Theology**

Fine Arts & Humanities
S.T.D., Ph.D., Catholic University of Louvain, Belgium

Sr. Monica Loughlin, SBS

Assistant to the President for Catholic Identity and Mission
Integration
Professor, Biology

Biological & Public Health Sciences
Ph.D., Louisiana State University Medical Center

Ross Louis

Associate Professor, Communication Studies
Social & Behavioral Sciences
Ph.D., Louisiana State University

Wyndolyn Ludwikowski

Assistant Professor, Psychology
Social & Behavioral Sciences
Ph.D., Iowa State University

J. Robert Luo

Instructor, Chemistry
Mathematical & Physical Sciences
M.S., University of Albany

Thomas Maestri

Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Tarun Mandal

Professor, Basic Pharmaceutical Sciences
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Peter Martinat

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Biological & Public Health Sciences
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Science and Forestry

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Social & Behavioral Sciences
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Fine Arts & Humanities

**Assistant Professor, Philosophy
Fine Arts & Humanities**
Ph.D., University of Missouri, Columbia

Partha Bhattacharjee
**Associate Professor, Biology
Biological & Public Health Sciences**
Ph.D., University of Liverpool

Hector Biliran, Jr.
**Associate Professor, Biology
Biological & Public Health Sciences**
Ph.D., Wayne State University

Bryan Bilyeu
**Assistant Professor, Chemistry
Mathematical & Physical Sciences**
Ph.D., University of North Texas

Teresa Birdwhistell
**Professor, Chemistry
Mathematical & Physical Sciences**
Ph.D., University of North Carolina

Robert C. Blake, II
Professor, Basic Pharmaceutical Sciences
Ph.D., University of Illinois

Linda Blakley
**Associate Dean, Student Affairs
College of Pharmacy**
Ph.D., University of New Orleans

Shayna Blum
**Assistant Professor, Art
Fine Arts & Humanities**
M.F.A., San Francisco Art Institute

Michelle Bell Boissiere
**Assistant Professor, Biology
Biological & Public Health Sciences**
Ph.D., Tulane University

Anne Borghol
**Clinical Associate Professor, Clinical &
Administrative Sciences**
Pharm.D., Xavier University of LA

Levon Bostanian
Professor, Basic Pharmaceutical Sciences
Ph.D., Ohio State University

Kenneth Boutte
**Professor, Biology
Biological & Public Health Sciences**

Ph.D., Université de Strasbourg

Harris McFerrin, Jr.
**Associate Professor, Biology
Biological & Public Health Sciences**
Ph.D., Tulane University

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Associate Librarian
M.S., Clark Atlanta University

Lamartine Meda
**Associate Professor, Chemistry
Mathematical & Physical Sciences**
Ph.D., Northeastern University

Sarah Meier
**Instructor, Philosophy
Fine Arts & Humanities**
Ph.D., Emory University

Linda Mihm
**Clinical Associate Professor, Clinical & Administrative
Sciences**
Pharm.D., University of Oklahoma Health Sciences Center

Krista Mincey
**Assistant Professor, Public Health Sciences
Biological & Public Health Sciences**
D.Ph., Georgia Southern University

Judith Miranti
Professor, Education & Counseling
Ed.D., University of Nevada

Ariel Mitchell
Assistant Professor, Education & Counseling
Ph.D., University of New Orleans

Carolyn Mojgani
Assistant Librarian
M.L.I.S., Louisiana State University

Karen Becnel Moore
**Associate Professor, Languages
Fine Arts & Humanities**
Ph.D., University of Texas, Austin

Kathleen Morgan
**Professor, Chemistry
Mathematical & Physical Sciences**
Ph.D., Yale University

Tommy Morris
Assistant Professor, Basic Pharmaceutical Sciences

Ph.D., University of California, Berkeley

Walter Breaux, III
Associate Professor, Education & Counseling
Ph.D., University of New Orleans

Kendrea Bryant
Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Willie Caffey, Jr.
Instructor, Biology
Biological & Public Health Sciences
M.S., North Carolina Central University

Mary Carmichael
Assistant Professor, Biology
Biological & Public Health Sciences
Ph.D., University of Texas Graduate School of Biomedical
Sciences, San Antonio, TX

Cary Caro
Assistant Professor, Business
Ph.D., Louisiana State University

Kimberly Chandler
Assistant Professor, Communication Studies
Social & Behavioral Sciences
Ph.D., Wayne State University

Ashwith Chilvery
Assistant Professor, Physics
Mathematical & Physical Sciences
Ph.D., Alabama A&M University

Sarah Clunis
Assistant Professor, Art
Fine Arts & Humanities
Ph.D., University of Iowa

Jeremy Cohen
Assistant Professor, Psychology
Social & Behavioral Sciences
Ph.D., Tulane University

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Associate Dean of Graduate Programs and Summer School,
College of Arts and Sciences
Director, Center for Continuing Studies and Distance
Education
Professor, History
Fine Arts & Humanities
Ph.D., Northwestern University

Sr. Jean Marie Craig, SBS

Ph.D., University of Wisconsin -- Madison

Syed Muniruzzaman
Associate Professor, Biology
Biological & Public Health Sciences
Ph.D., University of Kagawa, Japan

Katrina Nguyen
Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Bonnie Noonan
Associate Professor, English
Fine Arts & Humanities
Ph.D., Louisiana State University

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D.Min., Aquinas Institute of Theology

Patience Obih
Professor, Basic Pharmaceutical Sciences
Ph.D., University of Ibadan

Biljana D. Obradovic
Professor, English
Fine Arts & Humanities
Ph.D., University of Nebraska

John Okogbaa
Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Creighton University

Cirecie Olatunji
Associate Professor, Education & Counseling
Ph.D., University of New Orleans

Ifeanyi Onor
Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Megan Osterbur
Assistant Professor, Political Science
Social & Behavioral Sciences
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Jim Larkin Page
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Ph.D., Louisiana State University

Thomas Palfrey
Associate Professor, Mathematics
Mathematical & Physical Sciences

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Ph.D., University of Southern Mississippi

Mack Crayton, III
Assistant Professor, Biology
Biological & Public Health Sciences
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M.Ed., Syracuse University

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Mathematical & Physical Sciences
Ph.D., Tulane University

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Ph.D., University of Maryland, College Park

Valerio Deangelis
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Mathematical & Physical Sciences
Ph.D., University of Washington, Seattle

Cecily Defreese
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Biological & Public Health Sciences
Ph.D., Tulane University

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D.M.A., University of Southern Mississippi

Carroll J. Diaz, Jr.
Associate Professor, Mathematics
Mathematical & Physical Sciences
Ph.D., Louisiana State University Medical Center

Margaret Diaz-Fugetta
Instructor, Business
M.S., University of New Orleans

Stassi Dimaggio
Associate Professor, Chemistry
Mathematical & Physical Sciences
Ph.D. University of New Orleans

Gary Donaldson
Professor, History

Ph.D., Louisiana State University

Florastina Payton-Stewart
Associate Professor, Chemistry
Mathematical & Physical Sciences
Ph.D., Tulane University

Richard Peters
Assistant Professor, Business
Ph.D., Florida Atlantic University

Elgustus Polite
Assistant Professor, Speech Pathology
Social & Behavioral Sciences
Ph.D., Purdue University

Calvin Porter
Associate Professor, Biology
Biological & Public Health Sciences
Ph.D., Texas Tech University

Yashoda Prammar
Professor, Basic Pharmaceutical Sciences
Ph.D., University of Houston

Janet Privett
Associate Professor, Chemistry
Mathematical & Physical Sciences
Ph.D., University of Arkansas

Mark Quinn
Assistant Professor, Business
M.B.A., Rutgers University

Dara Rahming
Instructor, Music
Fine Arts & Humanities
M.M., University of Miami

Lynette Ralph
Librarian
Ph.D., Nova Southeastern University

Kristi Rapp
Clinical Associate Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Harish Ratnayaka
Associate Professor, Biology
Biological & Public Health Sciences
Ph.D. City University of New York

Warren Ray
Assistant Professor, Chemistry
Mathematical & Physical Sciences

Fine Arts & Humanities

Ph.D., Louisiana State University

Ronald Dorris

Professor, English and African American Diaspora Studies

Fine Arts & Humanities

Ph.D., Emory University

O'Neal Douglas

Lecturer, Music

Fine Arts & Humanities

D.M.A., Michigan State University

James Dunson, III

Assistant Professor, Philosophy

Fine Arts & Humanities

Ph.D., Emory University

Samrut Dutta

Assistant Professor, Chemistry

Mathematical & Physical Sciences

Ph.D., University of Iowa

Margarita Echeverri

Associate Professor, Clinical & Administrative Sciences

Ph.D., Tulane University

Elizabeth Edgecomb

Assistant Professor, Communication Studies

Social & Behavioral Sciences

Ph.D., University of South Florida

Andrea D. Edwards

Associate Professor, Computer Science

Mathematical & Physical Sciences

Ph.D., Tulane University

Christopher Faircloth

Associate Professor, Sociology

Social & Behavioral Sciences

Ph.D., University of Florida

Jerry T. Farmer

Professor, Theology

Fine Arts & Humanities

Ph.D., Catholic University of Louvain, Belgium

Giti Farudi

Instructor, Languages

Fine Arts & Humanities

M.A., West Virginia University

Lisa Flanagan

Assistant Professor, Communication Studies

Social & Behavioral Sciences

Ph.D., University of New Orleans

Trisha Rezende

Lecturer, English

Fine Arts & Humanities

M.F.A., University of New Orleans

Dean Richardson

Assistant Professor, Physics

Mathematical & Physical Sciences

Ph.D., University of Oklahoma

Joe Ricks

Professor, Business

Ph.D., Louisiana State University

Kevin Riley

Assistant Professor, Chemistry

Mathematical & Physical Sciences

Ph.D., Pennsylvania State University

Lourdes Rincon

Assistant Professor, Theology

Fine Arts & Humanities

Ph.D., New Orleans Baptist Theological Seminary

Shearon Roberts

Assistant Professor, Mass Communication

Social & Behavioral Sciences

Ph.D., Tulane University

Donna Robinson

Clinical Instructor, Clinical & Administrative Sciences

B.S., Xavier University of LA

Kristina Robinson

Lecturer, English

Fine Arts & Humanities

M.F.A., University of New Orleans

Joseph Ross

Associate Professor, Biology

Biological & Public Health Sciences

Ph.D., Louisiana State University

Jonathan Rotondo-McCord

Associate Professor, History

Fine Arts & Humanities

Ph.D., Yale University

Elizabeth Smith Rousselle

Associate Professor, Languages

Fine Arts & Humanities

Ph.D., Tulane University

Robin Runia

Ph.D., Louisiana State University

Sr. Grace Mary Flickinger, SBS
Professor, Biology
Biological & Public Health Sciences
Ph.D., University of Southern Mississippi

Maryam Foroozesh
Professor, Chemistry
Mathematical & Physical Sciences
Ph.D., Tulane University

Russell Frazier
Assistant Professor, Political Science
Social & Behavioral Sciences
Ph.D., University of Arkansas

Conchetta Fulton
Clinical Associate Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Morewell Gasseller
Assistant Professor, Physics
Mathematical & Physical Sciences
Ph.D., Michigan State University

Mary George
Assistant Librarian
M.L.S., University of Rhode Island

Christopher Gillard
Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Marguerite S. Giguette
Associate Vice President, Academic Affairs
Professor, Computer Science
Mathematical & Physical Sciences
Ph.D., Tulane University

Willie Gin
Assistant Professor, Political Science
Social & Behavioral Sciences
Ph.D., University of Pennsylvania

Timothy Glaude
Assistant Professor, Education & Counseling
Ph.D., Southern University A&M College

Galina Goloverda
Professor, Chemistry
Mathematical & Physical Sciences
Ph.D., Ukrainian Academy of Sciences

Associate Professor, English
Fine Arts & Humanities
Ph.D., University of New Mexico

Steven Salm
Professor, History
Fine Arts & Humanities
Ph.D., The University of Texas at Austin

Daniel Sarpong
Associate Professor, Clinical & Administrative Sciences
Ph.D., Louisiana State University Medical Center

Paul Schafer
Associate Professor, Philosophy
Fine Arts & Humanities
Ph.D., DePaul University

Randall V. Schexnayder
Assistant Dean for Professional Affairs
College of Pharmacy
M.S.P.H., Tulane University

Lisa Schulte-Gipson
Associate Professor, Psychology
Social & Behavioral Sciences
Ph.D., University at Albany, NY

James Shade
Assistant Professor, English
Fine Arts & Humanities
M.F.A., University of New Orleans

Sloane Signal
Assistant Professor, Education & Counseling
Ph.D., Jackson State University

Sharlene Sinegal-Decuir
Assistant Professor, History
Fine Arts & Humanities
Ph.D., Louisiana State University

Brittany Singleton
Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Paula Singleton
Assistant Librarian
M.L.I.S., Louisiana State University

Sunil Sirohi
Assistant Professor, Basic Pharmaceutical Sciences
Ph.D., St. John's University

Tia Smith

Lori Gordon
Clinical Assistant Professor, Clinical & Administrative Sciences
Pharm.D. Florida A&M University

Sr. Donna Gould, SBS
Assistant Professor, English Fine Arts & Humanities
Ph.D., University of Louisiana, Lafayette

Navneet Goyal
Assistant Professor, Chemistry Mathematical & Physical Sciences
Ph.D., University of New Orleans

Jessica Graber
Assistant Professor, Physics Mathematical & Physical Sciences
Ph.D., Tulane University

Charles Gramlich
Professor, Psychology Social & Behavioral Sciences
Ph.D., University of Arkansas

Nicole Pepinster Greene
Professor, English Fine Arts & Humanities
Ph.D., Louisiana State University

L. Faye Grimsley
Associate Professor, Public Health Sciences Biological & Public Health Sciences
Ph.D., University of Cincinnati

Tyra Gross
Assistant Professor, Public Health Sciences Biological & Public Health Sciences
Ph.D., University of Georgia

Mark Gstohl
Associate Professor, Theology Fine Arts & Humanities
Ph.D., New Orleans Baptist Theological Seminary

Elizabeth Hammer
Director, Center for the Advancement of Teaching and Faculty Development Professor, Psychology Social & Behavioral Sciences
Ph.D., Tulane University

Elliott Hammer
Professor, Psychology Social & Behavioral Sciences

Assistant Professor, Mass Communication Social & Behavioral Sciences
Ph.D., Ohio University

Susan Spillman
Associate Professor, Languages Fine Arts & Humanities
Ph.D., Tulane University

Jayalakshmi Sridhar
Assistant Professor, Chemistry Mathematical & Physical Sciences
Ph.D., Osmania University

Sr. Mary Ann Stachow, SBS
Assistant Professor, Theology Fine Arts & Humanities
Ph.D., The Catholic University of America

Donna Stutson
Associate Professor, Mathematics Mathematical & Physical Sciences
Ph.D., Louisiana State University

Sandra Sulzer
Assistant Professor, Sociology Social & Behavioral Sciences
Ph.D., University of Wisconsin -- Madison

Anderson Sunda-Meya
Associate Professor, Physics Mathematical & Physical Sciences
Ph.D., North Carolina State University

Ashley Taylor
Clinical Assistant Professor, Clinical & Administrative Sciences
Pharm.D., Xavier University of LA

Jason Todd
Assistant Professor, English Fine Arts & Humanities Director, Quality Enhancement Plan
Ph.D., University of Southern Mississippi

Jeremy Tuman
Assistant Professor, English Fine Arts & Humanities
M.F.A., University of New Orleans

Brian Turner
Assistant Professor, Psychology Social & Behavioral Sciences
Ph.D., Jackson State University

Tim Turner

Ph.D., Tulane University

Nancy Hampton
Associate Librarian

M.S.L.S., Clark Atlanta University

Martha Harris
Clinical Assistant Professor, Clinical & Administrative Sciences

Pharm.D. Xavier University of LA

Tammy Hart
Clinical Assistant Professor, Clinical & Administrative Sciences

Pharm.D. Xavier University of LA

Paul Haschak
Assistant Librarian

M.L.S., Louisiana State University

Sr. M. Juliana Haynes, SBS
Assistant Professor, Music Fine Arts and Humanities
M.M.E., Louisiana State University

Kevin Hebert
Assistant Librarian
M.L.I.S., University of Alabama

Amanda Helm
Assistant Professor, Business
Ph.D., University of Missouri, Columbia

Oliver Hennessey
Associate Professor, English Fine Arts and Humanities
Ph.D., University of Alabama, Tuscaloosa

Michael Homan
Professor, Theology Fine Arts and Humanities
Ph.D., University of California, San Diego

Thomas Huckaba
Assistant Professor, Biology Biological & Public Health Sciences
Ph.D., Columbia University

Shamsul Huda
Associate Professor, History Fine Arts and Humanities
Ph.D., University of Illinois

Kristal Huggins
Instructor, Biology Biological & Public Health Sciences

Associate Professor, Music Fine Arts & Humanities
D.M.A., University of Memphis

Sindhu Unnithan
Associate Professor, Mathematics Mathematical & Physical Sciences
Ph.D., Tulane University

Robin Vander
Associate Professor, English and African American Diaspora Studies Fine Arts & Humanities
Ph.D., University of North Carolina, Chapel Hill

Kim Vaz-Deville
Associate Dean, College of Arts and Sciences Professor, Education & Counseling
Ph.D., Indiana University, Bloomington

Abha Verma
Assistant Professor, Chemistry Mathematical & Physical Sciences
Ph.D., University of New Orleans

R. Patrick Vernon
Assistant Professor, Mathematics Mathematical & Physical Sciences
Ph.D., Tulane University

C. Reynold Verrett
President Professor, Chemistry Mathematical & Physical Sciences
Ph.D., Massachusetts Institute of Technology

Pamela Waldron-Moore
Professor, Political Science Social & Behavioral Sciences
Ph.D., University of Houston

Guangdi Wang
Professor, Chemistry Mathematical & Physical Sciences
Ph.D., University of New Orleans

Zhe Wang
Assistant Professor, Chemistry Mathematical & Physical Sciences
Ph.D., Lanzhou University

John Ware
Professor, Music Fine Arts & Humanities
D.M.A., Michigan State University

M.S., Auburn University

Sr. Barbara Hughes, CSJ
Professor, History
Fine Arts and Humanities
Ph.D., St. Louis University

Shubhangi P. Kale Ireland
Professor, Biology
Biological & Public Health Sciences
Ph.D., Tulane University

Raven Jackson
Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Dana Jamero
Clinical Associate Professor, Clinical & Administrative
Sciences
Pharm.D., University of the Pacific, Stockton

Ramona Jean-Perkins
Associate Professor, Education & Counseling
Ph.D., University of Southern Mississippi

Kelly Johanson
Associate Professor, Chemistry
Mathematical & Physical Sciences
Ph.D., Tulane University

Bro. Herman Johnson, OP
Assistant Professor, Languages
Fine Arts and Humanities
Ed.D., Teachers College Columbia University

Jessica Johnson
Clinical Associate Professor, Clinical & Administrative
Sciences
Pharm.D., University of Louisiana, Monroe

Lester W. Jones, Jr.
Professor, Mathematics
Mathematical & Physical Sciences
Ph.D., Tulane University

Shantoyia Jones
Lecturer, Psychology
Social & Behavioral Sciences
Ph.D., University of Kansas

Kathleen Kennedy
Dean, College of Pharmacy
Professor, Clinical and Administrative Sciences
Pharm.D., University of California, San Francisco

Terry Watt
Associate Professor, Chemistry
Mathematical & Physical Sciences
Ph.D., Georgia Institute of Technology

Sarah Weaver
Associate Professor, Chemistry
Mathematical & Physical Sciences
Ph.D., University of Florida

Mark Whitaker
Assistant Professor, English
Fine Arts & Humanities
M.F.A., University of New Orleans

Johannah White
Assistant Librarian
M.L.S., Indiana University

Michael White
Professor, Languages
Fine Arts & Humanities
Ph.D., Tulane University

Elizabeth Whittington
Lecturer, Communication Studies
Social & Behavioral Sciences
Ph.D., Howard University

Thomas Wiese
Associate Professor, Basic Pharmaceutical Sciences
Ph.D., Wayne State University School of Medicine

Christopher Williams
Assistant Professor, Basic Pharmaceutical Sciences
Ph.D., Tulane University

Lakeisha Williams
Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Shandrika Williams
Clinical Assistant Professor, Clinical & Administrative
Sciences
Pharm.D., Xavier University of LA

Heather Williamson
Assistant Professor, Chemistry
Mathematical & Physical Sciences
Ph.D., California Institute of Technology

Shael Wolfson
Assistant Professor, Business
Ph.D., University of New Orleans

Sheryl Kennedy-Haydel
Assistant Professor, Mass Communication
Social & Behavioral Sciences
Ph.D., University of Southern Mississippi

Mapo Kinnord-Payton
Associate Professor, Art
Fine Arts and Humanities
M.F.A., Ohio State University

William Kirchain
Associate Professor, Clinical & Administrative Sciences
Pharm.D., Medical University of South Carolina

Clifford Wright
Professor, Business
M.B.A., Loyola University

Kun Zhang
Associate Professor, Computer Science
Mathematical & Physical Sciences
Ph.D., Tulane University

Qian-Jin Zhang
Assistant Professor, Biology
Biological & Public Health Sciences
Ph.D., Karolinska Institutet, Sweden

Yingnan Zhao
Assistant Professor, Clinical & Administrative Sciences
Ph.D., Tulane University

Emeritus Professors

Murty Akundi

Physics Department

Elizabeth A. Barron

Communications Department

Thomas Bonner

English Department

Malcolm J. Breda

Music Department

Violet Bryan

English Department

JW Carmichael, Jr.

Chemistry Department

Victor J. DuRapau, Jr.

Mathematics Department

Dominique Gendrin

Communication Studies Department

Rosalind Hale

Education and Counseling Division

Deidre D. Labat

Biology Department

Joseph LeFevre

Philosophy Department

Sr. Maureen Hurley, S.B.S.

Biology Department

Joe Melcher

Speech Pathology Department

John Sevenair

Chemistry Department

Harold A. Vincent

Physics Department

Jian Zhang

Chemistry Department

Endowed Chairs

Regina Benjamin

nola.com/Times Picayune Chair in Public Health Sciences

Andrea Edwards

Conrad Hilton Chair in Computer Science

Mark Quinn

Conrad Hilton Chair in Entrepreneurship

Daniel Sarpong

Chair in Minority Health and Health Disparities

Michael G. White

Rosa and Charles Keller, Jr. Chair in Arts and Humanities

Endowed Professors

Gurdial Arora

nola.com/Times Picayune Professor #11

Ann Barbre

W. Emile and Alitia D. Coleman Professor of Pharmacy Practice

James Bartkus

Liberty Bank Professor in Banking and Finance

Jose Bautista

JP Morgan Chase Business Solutions to Urban Economic Problems Professor

Thora Bayer

RosaMary Foundation Professor in Liberal Arts

Ron Bechet

Victor Labat Professor in Fine Arts

Amy Bellone-Hite

Clarence Jupiter Professor

Stassi DiMaggio

W.K. Kellogg Professor in Teaching (CAT Faculty-in-Residence)

Gary Donaldson

Keller Family Foundation Professor in Arts and Sciences

Ronald Dorris

Alumni Class of 1958 Professor in Liberal Arts

Jerry Farmer

Sisters of the Blessed Sacrament Professor in Theology

Sr. Grace Mary Flickinger, SBS	J.W. Carmichael Professor
Maryam Foroozesh	Margaret W. Kelly Professor in Chemistry
Marguerite S. Giguette	BellSouth Professor of Computer Science
Nicole Greene	W.K. Kellogg Professor in English
Elizabeth Hammer	W.K. Kellogg Professor in Teaching
Elliot Hammer	John LaFarge Professor in Social Justice
Sr. Barbara Hughes, CSJ	W.K. Kellogg Professor in Liberal Arts
Shubhangi Kale Ireland	Xavier Professorship in Science
Kathleen Kennedy	Malcolm Ellington Professor in Health Disparities Research
William Kirchain	Wilber and Mildred Robichaux Professor in Pharmacy
Vimal Kishore	Bynum Family Professor in Pharmacy
Vlajko Kocic	Keller Family Foundation Professor in Arts and Sciences
Anil Kukreja	Capital One Professor in Management and Finance
David Lanoue	RosaMary Foundation Professor in English
Silas Lee, III	Ernest N. Morial Professor in Public Policy
Tarun Mandal	McCaffrey/Norwood Professor in Pharmacy
Nancy Martino	Professorship in Communications
Kathleen Morgan	Keller Family Foundation Professor in Science
Rev. Maurice Nutt, C.Ss.R.	Drexel Society Professor in Black Catholic Studies
Joe Ricks	JP Morgan Chase Professor in Sales and Marketing
Joseph Ross	Claude H. and Elizabeth Organ Professor in Biology
Jonathan Rotondo-McCord	W.K. Kellogg Professor in History
Steven Salm	Class of 1958 Professor
Lisa Schulte-Gipson	Keller Family Foundation Professor

Susan Spillman

William Arceneaux Professor in French

Anderson Sunda-Meya

Norwood Professor in Physics

Pamela Waldron-Moore

Leslie R. Jacobs Professor

John Ware

Keller Family Foundation Professor in Arts and Humanities

Clifford Wright

Holzer Family Professor in Accounting

Accreditations

Xavier University of Louisiana is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award bachelors, masters, and doctorate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Xavier University of Louisiana.

Xavier University of Louisiana is also accredited by the Accreditation Council for Business Schools and Programs, the Council for the Accreditation of Educator Preparation, the State of Louisiana Department of Education, the Council for Accreditation of Counseling and Related Educational Programs, and the National Association of Schools of Music.

Approved

American Chemical Society

Affiliation

Dillard/Loyola/Tulane/Xavier Partnership

Memberships

American Council on Education, American Association of Colleges of Teacher Education, Association of American Colleges, Association of Catholic Colleges and Universities, Association of College Unions, Association of Independent Liberal Arts Colleges for Teacher Education, Catholic Commission on Intellectual and Cultural Affairs, Cooperative College Development Program, Council of Graduate Schools, National Commission on Accrediting, and United Negro College Fund, Inc.

College of Pharmacy Accreditation

Accreditation Council for Pharmacy Education

College of Pharmacy Membership

American Association of Colleges of Pharmacy (AACCP)
Association of Minority Health Professional Schools (AMHPS)

Course Descriptions

The Fall (Fa), Spring (Sp), or Summer (Su) semesters indicated are expected but are not guaranteed. Expansive Core Curriculum courses are denoted by EXP. Service Learning courses are denoted by SL.

Accounting

The Fall (Fa), Spring (Sp), or Summer (Su) semesters indicated are expected but are not guaranteed. Expansive Core Curriculum courses are denoted by EXP. Service Learning courses are denoted by SL.

ACCT 1010 - Principles of Accounting

Application of GAAP accounting principles of sole proprietorship, partnerships, and corporations, including Statement of Cash Flows and financial statement analysis. Prerequisite: None (**3, FaSpSu, EXP**)

ACCT 2010 - Intermediate Accounting I

Nature and content of balance sheet accounts, principles of their determination. Interpretation of financial statements according to GAAP. Courses must be taken in sequence. Prerequisite(s): ACCT 1020 (**3, FaSp**)

ACCT 2020 - Intermediate Accounting II

Nature and content of balance sheet accounts, principles of their determination. Interpretation of financial statements according to GAAP. Courses must be taken in sequence. Prerequisite(s): ACCT 1020 (**3, FaSp**)

ACCT 2050 - Managerial Accounting

Managerial accounting provides information to managers who plan, direct and control the operations of a business. It provides the essential data with which businesses are actually run. This course will familiarize students with the use of this accounting data as a managerial decision making tool, as well as, accounting statements, budgets, and ratios pertaining to analyses of situations that students will encounter in the management of a business. Prerequisite(s): ACCT 1020 (**3, FaSu**)

ACCT 3010 - Advanced Accounting

Advanced phases of partnership and corporation accounting, consolidated balance sheets, profit and loss statements according to GAAP, and issues in international accounting. Prerequisite(s): ACCT 2020 (**3, Fa**)

ACCT 3030 - Tax Accounting

Federal Income Tax provisions and procedures; problems of computing gross income, deductions, credits against net income, tax liability; preparation of tax returns; special taxes; commercial accounting practices and tax accounting provisions according to I.R.S. code. Prerequisite(s): None (**3, Sp**)

ACCT 3040 - Auditing

Accepted principles and practices of auditing that underlie balance sheets, detailed and continuous audits; auditor's certificate and audit reports according to GAAS and GAAP. Prerequisite(s): ACCT 2020 (**3, Sp**)

ACCT 3070 - Cost Accounting

Accounting factors of manufacturing and distribution of cost, use of entries, books, records, reports in modern cost systems according to GAAP. Prerequisite(s): ACCT 2020 **(3, Fa)**

ACCT 3090 - Governmental Accounting

Accounting principles and practices of governmental agencies and other not-for-profit organizations. Accounting for various governmental funds emphasized according to GASB and GAAP. Prerequisite(s): ACCT 2020 **(3, Sp)**

ACCT 4000 - Seminar

Selected topics in accounting. The use of personal computers in processing accounting data, management reports and financial decision making according to GAAP. Prerequisite(s): ACCT 3010 and senior standing. **(3, Sp)**

ACCT 4040 - Advanced Tax Accounting

Federal Income Tax provisions and procedures relative to partnerships, decedents, estates, trusts, corporations; securities; pensions, foreign income, self-employment; estimated tax, audit; estate and gift taxes; tax research according to I.R.S. code. Prerequisite(s): None **(3, Fa)**

ACCT 4999 - Senior Comprehensives

Prerequisite(s): Senior standing. **(0, FaSp)**

African American and Diaspora Studies

The Fall (Fa), Spring (Sp), or Summer (Su) semesters indicated are expected but are not guaranteed. Expansive Core Curriculum courses are denoted by EXP. Service Learning courses are denoted by SL.

AADS 2000 - Introduction to African American History and Culture

This course is an introductory survey of the history and culture of African Americans and a further examination of their philosophical and intellectual traditions. In the course, students are introduced to the African origins of African Americans, an interdisciplinary examination of their sociocultural development in the American context, and an investigation of their contributions to the development of United States history and culture. **(3 FaSpSu)**

AADS 2010 - Introduction to African American Social Sciences

This course will introduce students to a general conceptual framework for ordering the social/behavioral theories and methods that people of African descent have used to interpret and understand African American life experiences. In the course, students will be introduced to an interdisciplinary examination of areas of critical inquiry pertaining to the diversity and complexity of the African American experience as it relates to the social sciences. Particular emphasis will be placed on how variables associated with academic areas such as anthropology, communications, political economy, psychology, sociology, and popular culture interact with and impact African Americans. **(3)**

AADS 2060 - Race and Ethnic Relations

(SOCI 2060) This course is concerned with examining issues, problems, and research findings on race, ethnic, and minority group relations. Emphasis is on U.S. Black-White relations, American ethnic groups, religious conflict, and racial and ethnic group contacts in Europe, Asia, Africa, and Latin America. Prerequisite: Any 1000 level sociology course. (3, EXP)

AADS 2080 - African American Philosophy

(PHIL 2080) This course studies philosophical issues associated with the African American experience. This course will increase the student's knowledge of the nature of African American philosophy, the concepts of race and culture, the nature of racism and discrimination, and the justifiability of affirmative action. Prerequisite: Completion of any required developmental Reading course. (3, EXP)

AADS 2130 - Afro-American Music

(MUSH 2130) Music of the African American, Part 1. (3)

AADS 2140 - Afro-American Music

(MUSH 2140) Music of the African American, Part 2. (3)

AADS 2440 - Black Politics

(PSCI 2440) Basic approaches to the study of Black politics. An examination of the nature of racism and the methods employed by Blacks to overcome oppression. Prerequisite(s): None (3, FaSu)

AADS 2600 - Africa and the World

(HIST 2600) Survey of the history of Africa within a global perspective. Course themes include early kingdoms in North Africa, the early influence of Christianity and Islam on African societies, Africa's early contacts with Europeans, and the eras of the Atlantic Slave trade, colonialism, nationalism, and contemporary Africa. Prerequisites: None (3, EXP)

AADS 3020 - Special Topics in African American and Diaspora Studies

This course is designed to more fully develop topics, genres, periods, and texts that are touched upon in the Introduction to African American History and Culture course (AADS 2000). The course is taught from an interdisciplinary perspective that emphasizes methodologies and approaches from both the humanities and the social sciences. The course may be taken up to three times as long as the content differs in the three Topics courses selected by an individual student. (3)

AADS 3022 - Afro Francophone Women Writers

(FREN 3022, WMST 3022) The course studies novels by women from French-speaking African countries such as Cameroon, Senegal, Ivory Coast, Algeria, and Congo supplemented with films set in Burkina Faso and Mali that deal with women's issues. Historical contexts, feminist movements, and women's roles are considered in order to situate the literature. The class utilizes a book-club discussion format as well as student oral presentations, weekly essays, and a final paper. Prerequisites: FREN 2010-FREN 2020 or permission of instructor and department head. (3)

AADS 3025 - African American Urban Life

(SOCI 3025) This interdisciplinary course examines African Americans as agents in shaping the 20th century urban experience in the United States. The central focus of the course will be the development of cultural, social, religious, economic, educational and political institutions. Examples will be drawn from among communities such as Harlem, NY, the Central Avenue district of Los Angeles, Chicago's south side, and the Auburn Avenue district of Atlanta as well as others. Prerequisite: AADS 2000. (3)

AADS 3040 - African American Inquiry

This course introduces students to ways in which scholars examine the African American experience. The theory component of the course is designed to introduce students to an interdisciplinary approach to framing inquiries about African American life, history, and sociocultural organization. The methods component of this course will examine various analytical and philosophical approaches central to study and research applicable to African American and Diaspora Studies. Prerequisite: AADS 2000. (3)

AADS 3041 - Black Psychology

(PSYC 3041) This course is designed to generate critical and analytic thinking about each student's identity as a member of American society and as a member of the "global village". The course is reading/writing intensive as it investigates "the Black Experience". As the course progresses, the student is expected to be more facile in his/her ability to influence and change our psychosociocultural environment in positive and meaningful ways. (3)

AADS 3050 - Gandhi and King: Nonviolent Philosophy of Conflict Resolution

(HIST 3050) This course examines the similarities and differences between Mahatma Gandhi and Martin Luther King, Jr. - their leadership styles, personality traits, philosophical assumptions, the movements they led, and their tactics in particular campaigns. (3)

AADS 3175 - Survey of African Literature

(ENGL 3175) Introduction to African folklore, poetry, fiction, and drama. (3)

AADS 3280 - Survey of African American Writers of the Eighteenth and Nineteenth Centuries

(ENGL 3280) A study of African American literary texts from the eighteenth century to the Harlem Renaissance, in their historical, cultural, and literary contexts (3)

AADS 3290 - Survey of African American Writers of the Twentieth and Twenty-first Centuries

(ENGL 3290) A study of major African American texts from the Harlem Renaissance to the contemporary period. (3)

AADS 3350 - African American History I

(HIST 3350) Chronological and in-depth study of specific issues affecting African Americans from their West African beginnings to the Civil War. Major themes to be announced each semester. (3, EXP)

AADS 3360 - African American History II

(HIST 3360) Continuation of topical survey of main currents in African American life from the Civil War to the present. Major themes to be announced each semester. (3)

AADS 3370 - African Americans, Africa, and Pan Africanism

This course presents an interdisciplinary examination of the concept of Pan Africanism as a multidimensional, realistic, authentic, and effective mechanism by which people of African descent in the United States have related historically and culturally to the African dimension of their identity. The course will employ methods germane to the various disciplines. Factual information and theoretical analyses relative to the establishment and development of a consciousness among African Americans of an African past will be presented and discussed. The course will address also the implications of African Americans identification with Africa on the process of globalization and the formation of the African Diaspora. (3)

AADS 3385 - The Civil Rights Movement in the United States

(HIST 3385) Examines the major civil rights campaigns that took place throughout the U.S. from 1950 to 1975. Focuses on strategies, objectives, successes, and failures of civil rights leaders and organizations. Special emphasis on civil rights protests and movements in New Orleans and throughout Louisiana. Prerequisite: 3 credits of HIST (3, EXP)

AADS 3390 - African American Women's History

(HIST 3390) Examines the unique historical experiences of women of African descent in the United States from the colonial era to the present. Focuses on black women's contributions to American society and the impact of race, class and gender issues on the experiences of African American women. Prerequisite: 3 credits of HIST. (3)

AADS 3610 - History of Popular Culture in Africa

(HIST 3610) This course examines the historical development of diverse forms of African popular culture - including music, dance, film, literature, and visual arts - and their connections with local and global processes of cultural production and consumption. The History of Popular Culture in Africa traces the development of popular culture genres in Africa from the late 19th century to the present. Prerequisite: 3 credits of HIST (3, EXP)

AADS 3675 - The Black Atlantic World

(HIST 3675) Links together the histories of Africa, Europe, North America and South America by emphasizing the activities of Africans and men and women of the African Diaspora. Topics include: Slavery and the slave trade in Africa and the New World, African and Western religions, Revolutions in the West Indies and Africa, European and American imperialism, Neo-colonialism, and Music and Literature. (3, EXP)

AADS 3700 - Caribbean History and Roots

(HIST 3700) This course will address the history of culture in the Circum-Caribbean, including New Orleans. Specifically, it will focus on the processes of colonialism and creolization, understanding how the peoples of the region over time created and maintained cultural practices through food, music, and festival that are at once unique and shared. (3, EXP)

AADS 3800 - Race in the Americas

(HIST 3800) This course looks at the formation of race as an historical construct in North and South America, as well as Mexico and the Caribbean. Central themes include European-Native American contact and colonialism; slavery and

freedom; immigration and nationalism; racial mixture and sexuality; poverty, labor, and class struggles. Prerequisite: 3 credits of HIST (3, EXP)

AADS 4000 - Seminar in African American and Diaspora Studies

Research and writing intensive seminar, exploring the critical issues and texts which define the interdisciplinary nature of African American and Diaspora Studies. Research is required that synthesizes knowledge gained from the concentration in African American and Diaspora Studies. It is recommended that students complete all core requirements in the African American and Diaspora Studies minor before enrolling in this course. (3)

AADS 4010 - LITTÉRATURE AFRICAINE FRANCOPHONE (The Literature of French-Speaking Africa)

(FREN 4010) A survey of two principal aspects of literary expression in Francophone Africa, oral and written literature and the social, cultural and historic factors that have given rise to their development throughout the Francophone societies of the African continent. Class participants will develop an ability to read critically in a literature that is the product of cultures that may be unfamiliar to them. Prerequisites: 6 hours of FREN beyond FREN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. (3)

AADS 4020 - Afro Hispanic Studies

(SPAN 4020) This course is a panoramic survey of Afro-Hispanic history and literature from early Peninsular and Latin American writings through their transformation and development into a corpus of literary works throughout Latin America. The course is open to all upper-level students who are interested in acquiring in-depth knowledge of the international African Diaspora presence in the Spanish-speaking areas of the New World. The language of instruction is English; students who have a high level of proficiency in Spanish will read the required texts in that language. (3,EXP)

AADS 4025 - Afro Latin American Oral Traditions

(FREN 4025, SPAN 4025) A survey of oral traditions and how they reflect the social, cultural, and economic structures of the cultures from which they sprang. Through the identification of primary characters and a study of the changing roles that they play within the creative expressions of societies they represent, course participants will gain insights into the representation of social realities through the symbolic development of characters in folktales and their interactions. Taught in English. (3, EXP)

AADS 4030 - Afro Latin American Culture and Civilization

(FREN 4030, LANG 4030, SPAN 4030) al information and experiences about Afro Latin-Americans, their history, culture, traditions, and contributions throughout Latin America, including Louisiana. Cultural excursions, guest lecturers, and independent research are integrated into the course's curriculum. (3, EXP)

AADS 4050 - African Politics and Government

(PSCI 4050) This course provides a comprehensive examination of the role of political leadership on the development of independent Black Africa with special emphasis on the influence of major personalities, the problems of African politics, nationalities, military politics, liberation movements, African ideologies, and economic integration and regional cooperation. Prerequisite(s): None (3)

AADS 4060 - African American Rhetoric and Culture

(CMST 4060) This course will survey the rhetoric of African American men and women from the 1800s until now as a way of discovering how the African American race has strategically used rhetoric to make their voices heard. Students will learn some of the nuances that characterize African American rhetoric. Prerequisite: CMST 3010 and CMST 3020 OR instructor permission. (3)

AADS 4130 - African Art

ART 4130 This course is a survey of the major cultures and objects as art form of Sub Saharan Africa. Traditional material and conceptual African development will be discussed through examination of art objects. (3)

AADS 4140 - Art of the African Diaspora

(ART 4140) This course is a discussion of the trends and stylistic changes in the art of African descended peoples around the world after slavery. (3, EXP)

AADS 4500 - Directed Studies

Concentrated examination of major figures and texts, historical periods and movements, and critical issues including cultural, economic, philosophical, political, religious, and social in an interdisciplinary context. Open to selected students only. Prerequisite: 2000- or 3000-level AADS course. (3)

Applied Music (Private Instruction)

MUAP 1531xx - Private music instruction

Two one-hour lessons and a minimum of 6 hours practice per week. (Course carries instrument suffix.) (1)

MUAP 1541xx - Private music instruction

Two one-hour lessons and a minimum of 6 hours practice per week. (Course carries instrument suffix.) (1)

MUAP 1632xx - Private music instruction

Two one-hour lessons and a minimum of 10 hours practice per week. (Course carries instrument suffix.) (2)

MUAP 1642xx - Private music instruction

Two one-hour lessons and a minimum of 10 hours practice per week. (Course carries instrument suffix.) (2)

MUAP 1733xx - Private music instruction

Two one-hour lessons and a minimum of 15 hours practice per week. (Course carries instrument suffix.) (3)

MUAP 1743xx - Private music instruction

Two one-hour lessons and a minimum of 15 hours practice per week. (Course carries instrument suffix.) (3)

MUAP 1834xx - Private music instruction

Two one-hour lessons and a minimum of 20 hours practice per week. (Course carries instrument suffix.) (4)

MUAP 1844xx - Private music instruction

Two one-hour lessons and a minimum of 20 hours practice per week. (Course carries instrument suffix.) (4)

MUAP 2531xx - Private music instruction

Two one-hour lessons and a minimum of 6 hours practice per week. (Course carries instrument suffix.) (1)

MUAP 2541xx - Private music instruction

Two one-hour lessons and a minimum of 6 hours practice per week. (Course carries instrument suffix.) (1)

MUAP 2632xx - Private music instruction

Two one-hour lessons and a minimum of 10 hours practice per week. (Course carries instrument suffix.) (2)

MUAP 2642xx - Private music instruction

Two one-hour lessons and a minimum of 10 hours practice per week. (Course carries instrument suffix.) (2)

MUAP 2733xx - Private music instruction

Two one-hour lessons and a minimum of 15 hours practice per week. (Course carries instrument suffix.) (3)

MUAP 2743xx - Private music instruction

Two one-hour lessons and a minimum of 15 hours practice per week. (Course carries instrument suffix.) (3)

MUAP 2834xx - Private music instruction

Two one-hour lessons and a minimum of 20 hours practice per week. (Course carries instrument suffix.) (4)

MUAP 2844xx - Private music instruction

Two one-hour lessons and a minimum of 20 hours practice per week. (Course carries instrument suffix.) (4)

MUAP 3531xx - Private music instruction

Two one-hour lessons and a minimum of 6 hours practice per week. (Course carries instrument suffix.) (1)

MUAP 3541xx - Private music instruction

Two one-hour lessons and a minimum of 6 hours practice per week. (Course carries instrument suffix.) (1)

MUAP 3632xx - Private music instruction

Two one-hour lessons and a minimum of 10 hours practice per week. (Course carries instrument suffix.) (2)

MUAP 3642xx - Private music instruction

Two one-hour lessons and a minimum of 10 hours practice per week. (Course carries instrument suffix.) (2)

MUAP 3733xx - Private music instruction

Two one-hour lessons and a minimum of 15 hours practice per week. (Course carries instrument suffix.) (3)

MUAP 3743xx - Private music instruction

Two one-hour lessons and a minimum of 15 hours practice per week. (Course carries instrument suffix.) (3)

MUAP 3834xx - Private music instruction

Two one-hour lessons and a minimum of 20 hours practice per week. (Course carries instrument suffix.) (4)

MUAP 3844xx - Private music instruction

Two one-hour lessons and a minimum of 20 hours practice per week. (Course carries instrument suffix.) (4)

MUAP 4531xx - Private music instruction

Two one-hour lessons and a minimum of 6 hours practice per week. (Course carries instrument suffix.) (1)

MUAP 4541xx - Private music instruction

Two one-hour lessons and a minimum of 6 hours practice per week. (Course carries instrument suffix.) (1)

MUAP 4632xx - Private music instruction

Two one-hour lessons and a minimum of 10 hours practice per week. (Course carries instrument suffix.) (2)

MUAP 4642xx - Private music instruction

Two one-hour lessons and a minimum of 10 hours practice per week. (Course carries instrument suffix.) (2)

MUAP 4733xx - Private music instruction

Two one-hour lessons and a minimum of 15 hours practice per week. (Course carries instrument suffix.) (3)

MUAP 4743xx - Private music instruction

Two one-hour lessons and a minimum of 15 hours practice per week. (Course carries instrument suffix.) (3)

MUAP 4834xx - Private music instruction

Two one-hour lessons and a minimum of 20 hours practice per week. (Course carries instrument suffix.) (4)

MUAP 4844xx - Private music instruction

Two one-hour lessons and a minimum of 20 hours practice per week. (Course carries instrument suffix.) (4)

Art

The Fall (Fa), Spring (Sp), or Summer (Su) semesters indicated are expected but are not guaranteed. Expansive Core Curriculum courses are denoted by EXP. Service Learning courses are denoted by SL.

ART 1010 - Design Ia

Foundation course in the study of the elements and principles of design using primarily a two-dimensional format. Students will be introduced to the basic design elements as well as the design principles and their use in visual language. Studio, Hands-On Courses(3)

ART 1020 - Design Ib

Foundation course in the study of the elements and principles of design using a three dimensional format. This course serves as an introduction to the study of three-dimensional form. 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. Studio, hands-on course. Prerequisite: ART 1010 Studio, Hands-On Courses(3)

ART 1030 - Drawing 1 Beginning Drawing

A development of the fundamentals, concepts and skills of drawing through a broad range of aesthetic expressions, working both inside and outside traditional thought, to translate three-dimensional objects into two-dimensional form through observational studies. Students will work in multiple black and white wet and dry media. Studio, hands-on course. Studio, Hands-On Courses(3)

ART 1040 - Drawing 2 Intermediate Drawing

Continuation of ART 1030 exploring color and varieties of color and mixed media techniques and continues the use of drawing to explore the visual language. Studio, hands-on course. Prerequisite: ART 1030. Studio, Hands-On Courses(3)

ART 1050 - Introduction to Ceramics

Combining theory and practice, an in-depth investigation of ceramic art, including hand-building techniques, with an introduction to the potter's wheel. Clay and glaze mixing, and various kiln-firing procedures are also explored, along with a historical overview. Studio, hands-on course. Studio, Hands-On Courses(3)

ART 1060 - Introduction to Painting

An introduction to fundamental, formal and technical problems of painting concepts and skills (development) both traditional and experimental, in various opaque media. Studio, hands-on course. Studio, Hands-On Courses(3)

ART 1070 - Introduction to Throwing on the Potter's Wheel

Concentrated investigation and practice of pottery making techniques using the potter's wheel. Clay and glazing, and various kiln-firing procedures are also explored, along with historical research. (3)

ART 1090 - Art Appreciation

An introduction to visual art, where study of visual elements and principles are examined through stylistic developments in the history of art from ancient to the present, with attention to media and world civilizations. (3, EXP)

ART 1210 - Engaging Digital Media

(CPSC 1210, MSCM 1210) Usually offered in the spring semester. This course is an introduction to digital media concepts, design, production and interpretation. Students will apply the latest innovations from art, communications, and computer science perspectives. This is an experiential course with students becoming effective at creating, analyzing, and evaluating digital content in a collaborative teamwork environment. Students will learn to use software (including photo, video, audio, and online media productions) to create media content, and to explore how media affects politics, culture, and society. Prerequisite(s): None (3, Sp, EXP)

ART 2011 - Introduction to Black and White Photography

An introductory class to the traditional style of photography using a manual SLR camera with black and white film, process film, use chemicals, and develop prints as an art form. Studio, hands-on course. Studio, Hands-On Courses(3)

ART 2020 - Introduction to Graphic Design

(SMKT 2020) An introduction to visual communication design with an emphasis on printed materials. Logo design, typography, layout principles and the use of computer technology are part of this course. Studio, hands-on course. Studio, Hands-On Courses(3)

ART 2030 - Drawing 3 Figure Drawing 1

The study through drawing of formal and expressive potentials of human anatomy. Primary focus is on compositional structures of the human skeleton and human figure. Studio, hands-on course. Prerequisite: ART 1040 or concurrent enrollment in BIOL 3350, BIOL 3450 or BIOL 3460. Studio, Hands-On Courses(3, EXP)

ART 2040 - Drawing 4 Figure Drawing 2

Exploration of formal and expressive potentials of the human figure; traditional and experimental techniques. Various media and expressive techniques. Studio, hands-on course. Prerequisite: ART 2030 Studio, Hands-On Courses(3)

ART 2070 - Introduction to Sculpture

Introduction to basic sculptural processes and materials through construction, modeling, mold making, and metal casting. Studio, hands-on course. Studio, Hands-On Courses(3, Fa)

ART 2080 - Introduction to Printmaking

An introduction to multiple image making through relief, intaglio, planographic, and stencil processes. Studio, hands-on course. Studio, Hands-On Courses(3)

ART 2090 - Art Essentials for Teachers

Art education for elementary education majors; theory, practice; experience with materials, techniques. (3)

ART 2110 - History of Art Ia

A survey of art and architecture from its prehistoric beginnings through the Middle Ages. (3, Fa, EXP)

ART 2120 - History of Art Ib

A survey of western art and architecture from the Renaissance to the present. (3, Sp, EXP)

ART 2130 - Special Topics in Art History

This course is designed to more fully develop topics, genres and periods of Art that are introduced briefly in the two introductory Art History courses, History of Art 1A and 1B. Different topics offered in this course will emphasize the different methodologies and cultural expressions of World Art from the prehistoric to the contemporary period. An individual student may take this course a total of three times as long as the content differs in each of the chosen classes. (3)

ART 2140 - Contemporary Art History

Lectures, discussions (on art) and study of European and American art and architecture from about 1900 to the present, including developments since impressionism. Studies include gallery visits, reading, and related activities. Prerequisite: ART 2130 (3)

ART 2600 - Developing Community Programs through the Arts

The intern seminar is intended to cultivate basic competencies in areas relevant to effective community organization and program development. Through active participation, students will become efficient resources to the Community Arts Partnership Initiative and to the community at large. Students will develop through the seminar a vocabulary for problem solving within the community context in the arts. Prerequisite: Second semester sophomore, junior, or senior status. (3, EXP)

ART 3000 - Trends in Art Education

An intensive study of the major issues in art education with an emphasis on the literature since 1950. (3)

ART 3011 - Advanced Black and White Photography

This class will build on the techniques studied in the introductory class using traditional techniques with a manual SLR camera. Studio, hands-on course. Prerequisite: ART 2011 Studio, Hands-On Courses(3)

ART 3020 - Web Design

This course will focus on website and interface design for the mobile web, fostering an approach in design aesthetics which embraces new technology and creative expression using typography, graphics, and interactivity. Projects will examine elements in website and interface design efficiency including color, typography, site mapping and navigation, information architecture, wire framing / page layout, and user ability. (3)

ART 3022 - Digital Color Photography

This class will focus on using the computer as a tool in the creation of color prints. Students will be required to use either a standard color film camera or a high-resolution digital camera. The emphasis will be the idea of color, the usage and power in color in making an image. Studio, hands-on course. Studio, Hands-On Courses(3)

ART 3030 - Drawing III a

Continuation of Drawing II in the advanced study of drawing. Studio, hands-on course. Prerequisite: ART 2040 Studio, Hands-On Courses(3)

ART 3040 - Drawing III b

Continuation of Drawing II in the advanced study of drawing. Studio, hands-on course. Prerequisite: ART 3030 Studio, Hands-On Courses(3)

ART 3050 - Painting 2, Intermediate Painting

Advanced studies using painting mediums and appropriate experimentation with different supports and techniques. Students are expected to establish an integrated personal vision at a level qualitatively beyond previous involvement in beginning painting. Studio, hands-on course. Prerequisite: ART 1060 Studio, Hands-On Courses(3)

ART 3060 - Painting 3, Advanced Painting

Advanced studies using painting mediums and appropriate experimentation with different supports and techniques. Students are expected to establish an integrated personal vision at a level qualitatively beyond previous involvement in beginning painting. Studio, hands-on course. Prerequisite: ART 3050 Studio, Hands-On Courses(3)

ART 3065 - Writing About Art

(CRWT 3065, ENGL 3065) An introduction to ekphrastic writing: poetry and writing about the visual arts. Overview of theories and methodologies. Prerequisites: ENGL 1010-ENGL 1020. (3,EXP)

ART 3070 - Sculpture 2, Intermediate Sculpture

Advanced studies in understanding sculptural form. Advanced development of skills; in modeling, casting, other techniques; emphasis on figure. Students are expected to establish an integrated personal vision at a level qualitatively beyond previous involvement. Studio, hands-on course. Prerequisite: ART 2070 Studio, Hands-On Courses(3)

ART 3080 - Sculpture 3, Advanced Sculpture

Advanced studies in understanding sculptural form. Advanced development of skills; in modeling, casting, other techniques; emphasis on figure. Students are expected to establish an integrated personal vision at a level qualitatively beyond previous involvement. Studio, hands-on course. Prerequisite: ART 3070 Studio, Hands-On Courses(3)

ART 3090 - Printmaking 2 Intermediate Printmaking

Continued investigation of print media. 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. Studio, hands-on course. Prerequisite: ART 2080 Studio, Hands-On Courses(3)

ART 3100 - Printmaking 3, Advanced Printmaking

Continued investigation of print media. 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. Studio, hands-on course. Prerequisite: ART 3090 Studio, Hands-On Courses(3)

ART 3110 - Ceramics 2 Intermediate Ceramics

Creative exploration in pottery; making clay bodies, glazes; wheel-throwing, varied procedures in hand building. Emphasis is on the union of aesthetics and good craftsmanship. Involvement in all areas of studio operations is required. Studio, hands-on course. Prerequisite: ART 1050 Studio, Hands-On Courses(3)

ART 3120 - Ceramics 3, Advanced Ceramics

Creative exploration in pottery; making clay bodies, glazes; wheel-throwing, varied procedures in hand building. Emphasis is on the union of aesthetics and good craftsmanship. Involvement in all areas of studio operations is required. Studio, hands-on course. Prerequisite: ART 3110 Studio, Hands-On Courses(3)

ART 3200 - Art Trends and Policy

This course will use lectures, discussions, visits and directed readings from texts and articles. This course is designed to bring students up to date information on current artists, theories, practices and policies. Prerequisite: ART 1090 (3)

ART 4010 - Graphic Design 2, Intermediate Graphic Design

Solve practical design problems while expanding digital techniques. Studio, hands-on course. Prerequisite: ART 2020 Studio, Hands-On Courses(3)

ART 4020 - Graphic Design 3, Advanced Graphic Design

Solve practical design problems while expanding digital techniques. Studio, hands-on course. Prerequisite: ART 4010 Studio, Hands-On Courses(3)

ART 4030 - Drawing 5 Experimental Drawing

Advanced work from human figure; various creative approaches in many media. Studio, hands-on course. Prerequisite: ART 3030 Studio, Hands-On Courses(3)

ART 4050 - Painting 4, Advanced Painting Techniques

Continuation of painting II. Advancement in visual consciousness, technical skills as means to significant work. Studio, hands-on course. Prerequisite: ART 3060 Studio, Hands-On Courses(3)

ART 4070 - Sculpture 4, Advanced Sculptural Techniques

Continuation of ART 3070. Carving, modeling, casting construction; welding, brazing soldering, etc. Studio, hands-on course. Prerequisite: ART 3070 Studio, Hands-On Courses(3)

ART 4090 - Printmaking 4, Advanced Techniques in Printmaking

Experimental prints, various methods/processes; advanced lithography, etching, serigraphy, woodcut, calligraphy. Studio, hands-on course. Prerequisite: ART 3090 Studio, Hands-On Courses(3)

ART 4110 - Ceramics 4 Advanced Techniques in Ceramics

Continuation of ART 3110; development of skills in pottery making; creative design, exploration of techniques. Studio, hands-on course. Prerequisite: ART 3110 Studio, Hands-On Courses(3)

ART 4130 - African Art

AADS 4130 This course is a survey of the major cultures and objects as art form of Sub Saharan Africa. Traditional material and conceptual African development will be discussed through examination of art objects. (3)

ART 4140 - Art of the African Diaspora

(AADS 4140) This course is a discussion of the trends and stylistic changes in the art of African descended peoples around the world after slavery. (3, EXP)

ART 4190 - Printmaking IV a

Continuation of ART 4090. Studio, hands-on course. Prerequisite: ART 4090 Studio, Hands-On Courses(3)

ART 4210 - Graphic Design 4, Advanced Graphic Design

Continuation of ART 4010. Studio, hands-on course. Prerequisite: ART 4020 Studio, Hands-On Courses(3)

ART 4310 - Ceramics IV a

Continuation of ART 4110. Studio, hands-on course. Prerequisite: ART 4110 Studio, Hands-On Courses(3)

ART 4320 - Ceramics IV b

Continuation of ART 4120 . Studio, hands-on course. Prerequisite: ART 4310 Studio, Hands-On Courses(3)

ART 4410 - Graphic Design IV a

Continuation of ART 4210. Studio, hands-on course. Prerequisite: ART 4210 Studio, Hands-On Courses(3)

ART 4420 - Graphic Design IV b

Continuation of ART 4220 . Studio, hands-on course. Prerequisite: ART 4410 Studio, Hands-On Courses(3)

ART 4501 - Directed Readings in Art

Students work under the direction of faculty members to fulfill their needs and interests. (1)

ART 4502 - Directed Readings in Art

Students work under the direction of faculty members to fulfill their needs and interests. (2)

ART 4503 - Directed Readings in Art

Students work under the direction of faculty members to fulfill their needs and interests. (3)

ART 4999 - Senior Comprehensives

(0)

Biology

A grade of C or better in a prerequisite course is required before a student may progress to the next course.

All one-credit-hour Biology laboratory courses numbered 1230 and above require either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course.

BIOL 1240 is a prerequisite for all higher-numbered courses in Biology.

BIOL 1030 - General Biology (Non-science majors)

Modern concepts in biology for the non-science major. Lecture and laboratory should be taken concurrently. NOT APPLICABLE TO MAJOR OR MINOR IN BIOLOGY. (2, Fa, EXP)

BIOL 1030L - General Biology Lab (Non-science majors)

Modern concepts in biology for the non-science major. Lecture and laboratory should be taken concurrently. NOT APPLICABLE TO MAJOR OR MINOR IN BIOLOGY. (1, Fa, EXP)

BIOL 1040 - General Biology (Non-science majors)

Modern concepts in biology for the non-science major. Lecture and laboratory should be taken concurrently. NOT APPLICABLE TO MAJOR OR MINOR IN BIOLOGY. (2, Sp, EXP)

BIOL 1040L - General Biology Lab (Non-science majors)

Modern concepts in biology for the non-science major. Lecture and laboratory should be taken concurrently. NOT APPLICABLE TO MAJOR OR MINOR IN BIOLOGY. (1, Sp, EXP)

BIOL 1050 - Environmental Biology

The biological and social implications of the relationship between the environment and human society. NOT APPLICABLE AS A BIOLOGY ELECTIVE FOR STUDENTS MAJORING OR MINORING IN BIOLOGY. (3, EXP)

BIOL 1210L - Foundations of Biology I

Broad introduction to the field of biology with a focus on reading, comprehension, data organization, data analysis, and mathematical and computer applications. Required for Biology majors. Prerequisite(s); Completion of developmental Reading and Math. (1)

BIOL 1220L - Foundations of Biology II

Broad introduction to the field of biology with a focus on reading, comprehension, data organization, data analysis, and mathematical and computer applications. Required for Biology majors. Prerequisite(s); Completion of developmental Reading and Math. (1)

BIOL 1230 - General Biology I

Basic biological principles and concepts as they apply to all levels of organization. Science Majors. Prerequisites: Must have completed Developmental Reading and Developmental Math. If simultaneously enrolled in MATH 1030I, students can register for this course. (3)

BIOL 1230L - General Biology Lab I

Basic biological principles and concepts as they apply to all levels of organization. Science Majors. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisites: Must have completed Developmental Reading and Developmental Math. If simultaneously enrolled in MATH 1030I, students can register for this course. (1)

BIOL 1240 - General Biology II

Basic biological principles and concepts as they apply to all levels of organization. Science Majors. Prerequisites: BIOL 1230. If simultaneously enrolled in MATH 1030I, students can register for this course. (3)

BIOL 1240L - General Biology Lab II

Basic biological principles and concepts as they apply to all levels of organization. Science Majors. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisites: If simultaneously enrolled in MATH 1030I, students can register for this course. (1)

BIOL 2000 - Biodiversity

Survey of biological diversity, basic principles and concepts of biological systematics, taxonomy, evolutionary theory, and ecology. Prerequisite: BIOL 1240 (3)

BIOL 2000L - Biodiversity Lab

Survey of biological diversity, basic principles and concepts of biological systematics, taxonomy, evolutionary theory, and ecology. Prerequisite: BIOL 1240 (1)

BIOL 2010 - General Microbiology

Study of microorganisms. Prerequisite: BIOL 1240 (3)

BIOL 2010L - General Microbiology Lab

Study of microorganisms. Laboratory emphasizes principles of bacteriological technique, microscopic study, and environmental influences affecting microorganisms. Prerequisite: BIOL 1240. Corequisite: Requires either concurrent enrollment in, or completion of BIOL 2010. (1)

BIOL 2015L - General Microbiology Lab (Prepharmacy)

Study of prokaryotic and eukaryotic microorganisms using techniques such as microscopic identification, aseptic inoculations, staining, and culturing. Additional aspects of microbial physiology and biochemistry using microorganisms of significance in medical or pharmaceutical industry will also be covered. LIMITED TO PREPHARMACY STUDENTS. Prerequisite: BIOL 1240. Corequisite: Requires either concurrent enrollment in, or completion of BIOL 2010. (1)

BIOL 2200 - Introduction to Phage and Genomics

A two-semester long inquiry-based course to introduce students to the practice of scientific research with real experiments in microbiology, virology and the quantitative and qualitative study of phage genomes. Prerequisites: BIOL 1230 and BIOL 1240. Open to biology majors; instructor's approval required. (3)

BIOL 2210 - Introduction to Phage and Genomics

A two-semester long inquiry-based course to introduce students to the practice of scientific research with real experiments in microbiology, virology and the quantitative and qualitative study of phage genomes. Prerequisites: BIOL 1230 and BIOL 1240. Open to biology majors; instructor's approval required. (3)

BIOL 3000 - Introduction to Entomology

Introduction to the study of insects. Arthropod evolution, insect taxonomy, systematics, and identification, internal and external morphology, social insects and insect pests, insects of human health concern and vectors of human disease, and Integrated Pest Management. The laboratory emphasizes insect identification and collecting, and includes field trips. Prerequisite: BIOL 1240 (3, Su)

BIOL 3000L - Introduction to Entomology Lab

Introduction to the study of insects. Arthropod evolution, insect taxonomy, systematics, and identification, internal and external morphology, social insects and insect pests, insects of human health concern and vectors of human disease, and Integrated Pest Management. The laboratory emphasizes insect identification and collecting, and includes field trips. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240 (1, Su)

BIOL 3070 - Immunology

Basic concepts of immunology and immunological disorders. Laboratory includes discussions and application of the basic principles of serology. Prerequisite: BIOL 2010L or permission of instructor and BIOL 1240. (3)

BIOL 3070L - Immunology Lab

Basic concepts of immunology and immunological disorders. Laboratory includes discussions and application of the basic principles of serology. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 2010L or permission of instructor and BIOL 1240. (1)

BIOL 3081 - Medical Microbiology

Study of various human pathogens, with emphasis on basic biology and the host-pathogen interaction. Laboratory consists of selected exercises relevant to the culture and manipulation of bacterial pathogens and other microorganisms. Prerequisite: BIOL 1240, BIOL 2010L/BIOL 2010 and CHEM 2210 or permission of instructor. (3)

BIOL 3081L - Medical Microbiology Lab

Study of various human pathogens, with emphasis on basic biology and the host-pathogen interaction. Laboratory consists of selected exercises relevant to the culture and manipulation of bacterial pathogens and other microorganisms. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240, BIOL 2010L/BIOL 2010 and CHEM 2210 or permission of instructor. (1)

BIOL 3091 - Cell Biology

Molecular basis of eukaryotic cell structure and function. Laboratory introduces techniques used in the study of cells. Prerequisite: BIOL 1240 and CHEM 1020/1020L. (3)

BIOL 3091L - Cell Biology Lab

Molecular basis of eukaryotic cell structure and function. Laboratory introduces techniques used in the study of cells. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240 and CHEM 1020/1020L. (1)

BIOL 3110 - Genetics

Fundamental principles of classical and molecular genetics. Prerequisite: BIOL 1240, BIOL 2010L and BIOL 2010, CHEM 1020/ CHEM 1021L (or permission of the Biology head for non-science majors). (3)

BIOL 3110L - Genetics Lab

Fundamental principles of classical and molecular genetics. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240, BIOL 2010L and BIOL 2010, CHEM 1020/CHEM 1021L (or permission of the Biology head for non-science majors). (1)

BIOL 3141 - General Zoology

Structure and function of vertebrate and invertebrate animals in an evolutionary context. Prerequisite: BIOL 1240 (3)

BIOL 3141L - General Zoology Lab

Structure and function of vertebrate and invertebrate animals in an evolutionary context. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240 (1)

BIOL 3150 - Virology

General properties of viruses, their isolation and chemical composition. Special emphasis placed on molecular biology of bacterial and animal viruses. Prerequisite: BIOL 1240 and BIOL 2010L or permission of instructor. (3)

BIOL 3151 - General Botany

Basic principles of the biology of plants. Prerequisite: BIOL 1240 (3)

BIOL 3151L - General Botany Lab

Basic principles of the biology of plants. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240 (1)

BIOL 3160 - Biomedical Physics

PHYS 3160 This course is designed specifically for students pursuing careers in medicine or those related to human health. Interdisciplinary in nature, it covers principles of physics that are essential in understanding real life phenomena, with particular focus on applications in medicine and human health. Ideal for students interested in nursing, diagnostic medicine, biomedical research, physiotherapy, or veterinary medicine. Prerequisites: Completion, with a grade of "C" or better, BIOL 1240 / BIOL 1240L and PHYS 2010 / PHYS 2010L . Corequisite: PHYS 2020 / PHYS 2020L is recommended but not essential. 3, FaSp

BIOL 3162 - Introduction to Embryology

Analytical approach to major aspects of development. Laboratory stresses morphological development of selected vertebrates. Prerequisite: BIOL 1240 and CHEM 1020/CHEM 1021L. LECTURE AND LABORATORY MUST BE TAKEN CONCURRENTLY. (4)

BIOL 3162L - Introduction to Embryology Lab

Analytical approach to major aspects of development. Laboratory stresses morphological development of selected vertebrates. Prerequisite: BIOL 1240 and CHEM 1020/CHEM 1021L. LECTURE AND LABORATORY MUST BE TAKEN CONCURRENTLY. (0)

BIOL 3210 - Ecology

The relationship between organisms and their environment. Prerequisite: BIOL 1240 (3)

BIOL 3210L - Ecology Lab

The relationship between organisms and their environment. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240 (1)

BIOL 3300 - Introduction to Neuroscience

A broad survey of neuroscience, including the molecular and cellular bases of neurons and their function.

Prerequisite(s): BIOL 1240, BIOL 1240L are required; BIOL 3110 is highly recommended. **(3)**

BIOL 3350 - Anatomy and Physiology

Basic structural and functional aspects of the human body. Laboratory includes histological and macroscopic anatomy together with exercises emphasizing the functional aspects of the systems. NOT OPEN TO PHARMACY STUDENTS.

Prerequisite: BIOL 1240 **(3)**

BIOL 3350L - Anatomy and Physiology Lab

Basic structural and functional aspects of the human body. Laboratory includes histological and macroscopic anatomy together with exercises emphasizing the functional aspects of the systems. NOT OPEN TO PHARMACY STUDENTS.

This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240 **(1)**

BIOL 3351 - Anatomy and Physiology II

Advanced structural and functional aspects of the human body. Laboratory includes advanced histological and macroscopic anatomy together with exercises emphasizing the functional aspects of the systems. NOT OPEN TO PHARMACY STUDENTS. Prerequisites: BIOL 1240 and BIOL 3350/BIOL 3350L with grades of "C" or better. **(3)**

BIOL 3351L - Anatomy and Physiology Lab II

Advanced structural and functional aspects of the human body. Laboratory includes advanced histological and macroscopic anatomy together with exercises emphasizing the functional aspects of the systems. NOT OPEN TO PHARMACY STUDENTS. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisites: BIOL 1240 and BIOL 3350/BIOL 3350L with grades of "C" or better. **(1)**

BIOL 3360 - Parasitology

Key aspects of the biology of parasitic animals. Special emphasis placed on those parasites of medical importance. Laboratory stresses microscopic study of parasites. Prerequisite: BIOL 1240 **(3)**

BIOL 3360L - Parasitology Lab

Key aspects of the biology of parasitic animals. Special emphasis placed on those parasites of medical importance. Laboratory stresses microscopic study of parasites. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240 **(1)**

BIOL 3450 - Human Physiology and Anatomy

(PHCL 3620) Comprehensive view of the human body emphasizing individual systems and their interactions with each other and exogenous materials. LIMITED TO PHARMACY STUDENTS. Prerequisite: BIOL 1240 **(3, Fa)**

BIOL 3450L - Human Physiology and Anatomy Lab

(PHCL 3620L) Comprehensive view of the human body emphasizing individual systems and their interactions with each other and exogenous materials. LIMITED TO PHARMACY STUDENTS. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisite: BIOL 1240 (1, Fa)

BIOL 3460 - Human Physiology and Anatomy

(PHCL 3630) Comprehensive view of the human body emphasizing individual systems and their interactions with each other and exogenous materials. LIMITED TO PHARMACY STUDENTS. Prerequisite: BIOL 1240 (3, Sp)

BIOL 4000 - Cancer: Causes, Treatment and Disparities

(PHCY 4001) A survey course that explores cancer incidence, development, biology, treatment and cultural considerations including health disparities. Team-taught and jointly offered by Tulane and Xavier Universities. Open to Xavier University undergraduates and pharmacy students, Tulane university undergraduates and graduate students. Strongly recommended: BIOL 4250. Prerequisite: BIOL 1240, BIOL 2010L/BIOL 2010 and BIOL 3110/BIOL 3110L. Corequisites: CHEM 3130/CHEM 3130L (should at least be enrolled in it). (3/1-3)

BIOL 4011S - Honors Seminar

Presentation and discussion of current biological problems and research interests as presented by faculty, students, and guest speakers. Takes the place of the BIOL 4210 requirement for seniors in the honors program. Prerequisites: 20 hours in Biology, ADMISSION TO THE "HONORS IN BIOLOGY" PROGRAM, and completion of BIOL 1240. (0)

BIOL 4020S - Honors Seminar

Presentation and discussion of current biological problems and research interests as presented by faculty, students, and guest speakers. Takes the place of the BIOL 4210 requirement for seniors in the honors program. Prerequisites: 20 hours in Biology, ADMISSION TO THE "HONORS IN BIOLOGY" PROGRAM, and completion of BIOL 1240 and BIOL 4011S. (1)

BIOL 4050 - Animal Physiology

Coordinated functional relationships of different taxa of animals with respect to adaptation to varied habitats and changing environment. Prerequisite: BIOL 1240 (3)

BIOL 4050L - Animal Physiology Lab

Coordinated functional relationships of different taxa of animals with respect to adaptation to varied habitats and changing environment. Prerequisite: BIOL 1240 (1)

BIOL 4091 - Comparative Vertebrate Anatomy

Evolutionary approach to the study of structural and functional relationships among vertebrate taxa. Laboratory work requires extensive dissection. LECTURE AND LABORATORY MUST BE TAKEN CONCURRENTLY. Prerequisite: BIOL 1240 (4)

BIOL 4091L - Comparative Vertebrate Anatomy Lab

Evolutionary approach to the study of structural and functional relationships among vertebrate taxa. Laboratory work requires extensive dissection. LECTURE AND LABORATORY MUST BE TAKEN CONCURRENTLY.
Prerequisite: BIOL 1240 (0)

BIOL 4111 - Histology

Structure and function of cells, tissues, and organ systems. Laboratory stresses microscopic study of cells and tissues. LECTURE AND LABORATORY MUST BE TAKEN CONCURRENTLY. Prerequisite: BIOL 1240 and CHEM 1020/1020L. (4)

BIOL 4111L - Histology Lab

Structure and function of cells, tissues, and organ systems. Laboratory stresses microscopic study of cells and tissues. LECTURE AND LABORATORY MUST BE TAKEN CONCURRENTLY. Prerequisite: BIOL 1240 and CHEM 1020/1020L. (0)

BIOL 4210 - Introduction to Scientific Literature

Types of biological articles are discussed and reviewed. Students will give both oral and written critiques and summaries of assigned articles. Required of and limited to Biology seniors. Prerequisite: Completion of all required Biology courses and BIOL 1240. (1)

BIOL 4220 - Applied and Environmental Microbiology

Study of microorganisms as related to food, water, agricultural, and industrial processes. Prerequisites: BIOL 1240 and BIOL 2010L/BIOL 2010. (3)

BIOL 4240 - Microbial Physiology

Structure-function relationships in the microbial world, with emphasis on the biochemistry and metabolism of bacteria and selected other forms. Prerequisites: BIOL 1240, BIOL 2010, CHEM 2210 or permission of instructor (3)

BIOL 4250 - Molecular Genetics

Molecular biology of the gene. Special emphasis placed on comparison of gene expression in prokaryotes and eukaryotes. Prerequisites: BIOL 1240, BIOL 2010L/BIOL 2010 and CHEM 2210/CHEM 2230L. (3)

BIOL 4250L - Molecular Genetics Lab

Molecular biology of the gene. Special emphasis placed on comparison of gene expression in prokaryotes and eukaryotes. This course requires either concurrent enrollment in the corresponding lecture, or previous completion of the lecture course. Prerequisites: BIOL 1240, BIOL 2010L/BIOL 2010 and CHEM 2210/CHEM 2230L. (1)

BIOL 4300 - Advanced Topics in Biology

Designed to permit a student to pursue an in-depth treatment of a topic. Specific topics are announced when the course is offered. Prerequisites: BIOL 1240, 16 hours of Biology AND permission of instructor. (1, 2, or 3)

BIOL 4301 - Advanced Topics in Biology

Designed to permit a student to pursue an in-depth treatment of a topic. Specific topics are announced when the course is offered. Prerequisites: BIOL 1240, 16 hours of Biology AND permission of instructor. **(1, 2, or 3)**

BIOL 4302 - Advanced Topics in Biology

Designed to permit a student to pursue an in-depth treatment of a topic. Specific topics are announced when the course is offered. Prerequisites: BIOL 1240, 16 hours of Biology AND permission of instructor. **(1, 2, or 3)**

BIOL 4303 - Advanced Topics in Biology

Designed to permit a student to pursue an in-depth treatment of a topic. Specific topics are announced when the course is offered. Prerequisites: BIOL 1240, 16 hours of Biology AND permission of instructor. **(1, 2, or 3)**

BIOL 4320 - Organic Evolution

Modern synthetic theory of evolution with emphasis on the mechanisms involved in this process. Strongly recommended: BIOL 3110/BIOL 3110L. Prerequisite: BIOL 1240 **(3)**

BIOL 4350 - Epidemiology

Study of the distribution and determinants of diseases and injuries in human populations. The course includes lectures, class discussion, independent module work, and assigned readings and projects. Prerequisite: Completion of all required Biology courses in the major or permission of the instructor and BIOL 1240. **(3)**

BIOL 4402L - Techniques of Research in Biology

Theory and practice of various modern biological research techniques. Modular, team-taught. May be repeated once for credit. Prerequisite: Junior standing in Biology and BIOL 1240. **(2)**

BIOL 4450 - Introduction to Mammalian Tissue Culture

Theory and techniques of mammalian tissue culture with an emphasis on application in basic and clinical research. Prerequisite: BIOL 1240, BIOL 2010L and BIOL 2010 and junior or senior standing. In addition, instructor's approval is needed since enrollment is restricted. **(3)**

BIOL 4520 - Undergraduate Research

Research participation for Biology majors who have an established research project with a Biology faculty member. Students whose research is mandated by a scholarship program are not permitted to register for this course. May be repeated once for credit. Prerequisites: Sophomore standing in Biology and permission of the Biology Department head and BIOL 1240. **(2)**

BIOL 4550 - Advanced Readings in Biology

This course is designed to provide students with an introduction to the literature of the biological sciences at an advanced level. Specific topics and reading selections will vary from year to year. Primarily intended for Biology Education majors. Offered as needed, as a Directed Readings course. Prerequisites: Senior standing in Biology and 24 semester hours of Biology and BIOL 1240. **(3)**

BIOL 4999 - Senior Comprehensives

Prerequisite: BIOL 1240 (0)

PHYS 3160 - Biomedical Physics

BIOL 3160 This course is designed specifically for students pursuing careers in medicine or those related to human health. Interdisciplinary in nature, it covers principles of physics that are essential in understanding real life phenomena, with particular focus on applications in medicine and human health. Ideal for students interested in nursing, diagnostic medicine, biomedical research, physiotherapy, or veterinary medicine. Prerequisites: Completion, with a grade of "C" or better, BIOL 1240 / BIOL 1240L and PHYS 2010 / PHYS 2010L . Corequisite: PHYS 2020 / PHYS 2020L is recommended but not essential. **3, FaSp**

Business Administration

BSAD 1010 - Introduction to Business

Fundamentals of Business Administration; underlying principles of management, and structures and functions of its various departments. Open to business majors as a first business course only. Business minors cannot use course as a Business Elective. Prerequisite(s): None. Open to business majors as a first business course only. Business minors cannot use course as a Business Elective. **(3, FaSpSu, EXP)**

BSAD 2011 - Business Communications

Concepts and applications of communication in business settings. Reading, writing, speaking, listening, and use of technology. Team decision-making, ethics, critical thinking, and cross-cultural issues. Prerequisite(s): ENGL 1020. **(3, Fa)**

BSAD 2030 - Business Law

Commercial law as it affects accountancy - CPA law. Prerequisite(s): None **(3, Sp)**

BSAD 2200 - International Business

Addresses the major activities involved in international business. Students are exposed to marketing, finance, economics, management, accounting, taxation, culture, and politics as they apply to international business. Prerequisite(s): SMKT 2050, MGMT 2060 or permission of chairperson or advisor. **(3, FaSp, EXP)**

BSAD 3055 - Quantitative Analysis

An introduction to the concepts of various quantitative methods such as Decision Analysis, Forecasting, Linear Programming, Inventory Management, and Project Scheduling and their role in the decision-making process. Prerequisite(s): ECON 2070. **(3, FaSp)**

BSAD 3195 - Computer-Based Information Systems

Provides students with an understanding of applications of the computer to the support of managerial decision-making processes. Topics include basic business information concepts, the organization of information systems, recently

developed computer-supported managerial techniques, and problems accompanying advances in computer technology. Prerequisite(s): MGMT 2060. (3, FaSp, EXP)

BSAD 3901 - Business Administration Internship

Students can earn up to six credit hours for professional work experience in business, industry, or government related to the student's academic program. Students must complete two internship reports in the middle and at the end of the internship. The class is graded on Pass/Fail basis. Prerequisite(s): business department major, completion of 62 degree credit hours and 2.0 or above grade point average, or permission of division chairperson. (1,Fa,SP,Su)

BSAD 3902 - Business Administration Internship

Students can earn up to six credit hours for professional work experience in business, industry, or government related to the student's academic program. Students must complete two internship reports in the middle and at the end of the internship. The class is graded on Pass/Fail basis. Prerequisite(s): business department major, completion of 62 degree credit hours and 2.0 or above grade point average, or permission of division chairperson. (2,Fa,SP,Su)

BSAD 3903 - Business Administration Internship

Students can earn up to six credit hours for professional work experience in business, industry, or government related to the student's academic program. Students must complete two internship reports in the middle and at the end of the internship. The class is graded on Pass/Fail basis. Prerequisite(s): business department major, completion of 62 degree credit hours and 2.0 or above grade point average, or permission of division chairperson. (3,Fa,SP,Su)

BSAD 4000 - Strategic Management

The capstone course that integrates the material learned in the foundation courses of finance, accounting, marketing and management into paradigms for strategic decision makers in domestic and foreign business entities. In addition, innovative strategic tools in contemporary business will be applied to case studies and a comprehensive term project. Senior standing or a written waiver from the division chairperson is mandatory for this course. Prerequisite(s): MGMT 2060, SMKT 2050, FINC 3050, and senior standing. (3, Sp)

BSAD 4501 - Special Topics in Business

Intensive individual readings in areas agreed upon by student, instructor, and chairperson. Prerequisite(s): Permission of instructor and chairperson. (1)

BSAD 4502 - Special Topics in Business

Intensive individual readings in areas agreed upon by student, instructor, and chairperson. Prerequisite(s): Permission of instructor and chairperson. (2)

BSAD 4503 - Special Topics in Business

Intensive individual readings in areas agreed upon by student, instructor, and chairperson. Prerequisite(s): Permission of instructor and chairperson. (3)

BSAD 4999 - Senior Comprehensives

Prerequisite(s): Senior standing. (0, FaSp)

Chemistry

Expansive Core Curriculum courses are denoted by EXP. Service Learning courses are denoted by SL.

To register for any Chemistry course, a grade of "C" or better is required in all the Chemistry prerequisite courses.

CHEM 1010 - General Chemistry I

An introduction to chemistry, including chemical reactions, stoichiometry, thermochemistry, gases, atomic structure, periodic trends, bonding, molecular structure, physical properties, and intermolecular forces. Three hours of lecture per week. Prerequisites: Completion of all developmental Mathematics requirements or eligibility for MATH 1030. Corequisite: CHEM 1010 and CHEM 1010D must be taken concurrently. Students may not earn credit for both CHEM 1010 and CHEM 1110. (3)

CHEM 1010D - General Chemistry I

An introduction to chemistry, including chemical reactions, stoichiometry, thermochemistry, gases, atomic structure, periodic trends, bonding, molecular structure, physical properties, and intermolecular forces. Drill sessions meet once per week. Prerequisites: Completion of all developmental Mathematics requirements or eligibility for MATH 1030. Corequisite: CHEM 1010 and 1010D must be taken concurrently. Students may not earn credit for both CHEM 1010 and CHEM 1110. (0)

CHEM 1011L - General Chemistry I Laboratory

Students are introduced to explorations of chemical and/or physical systems by discovering concepts rather than verifying them. Students who complete this course will be able to identify pertinent variables, recognize qualitative trends in data, determine quantitative relationships and test the validity of conclusions on a particular chemical or physical system. 1011L is a one session per week 3-hour laboratory. Corequisites: CHEM 1010/CHEM 1010D. Students may not earn credit for both CHEM 1011L and CHEM 1111L. (1)

CHEM 1020 - General Chemistry II

A continuation of the introduction to chemistry. Topics include solutions, acid/base chemistry, kinetics, equilibrium, electrochemistry, and nuclear chemistry. Three hours of lecture per week. Prerequisite: CHEM 1010 or CHEM 1110. Corequisite: CHEM 1020 and CHEM 1020D must be taken concurrently. Students may not earn credit for both CHEM 1020 and CHEM 1120. (3)

CHEM 1020D - General Chemistry II

A continuation of the introduction to chemistry. Topics include solutions, acid/base chemistry, kinetics, equilibrium, electrochemistry, and nuclear chemistry. Drill sessions meet once per week. Prerequisite: CHEM 1010 or CHEM 1110. Corequisite: CHEM 1020 and CHEM 1020D must be taken concurrently. Students may not earn credit for both CHEM 1020 and CHEM 1120. (0)

CHEM 1021L - General Chemistry II Laboratory

Students are introduced to a series of experiments in which schemes for separation and identification of mixtures of inorganic cations are utilized. Students will also conduct experiments introducing them to a variety of techniques in

acid-base titrations, electrochemistry, and kinetic studies. Students who complete this course will be familiar with the techniques and principles of qualitative inorganic analysis. In addition, students will develop basic laboratory skills necessary for upper-level courses and for research. 1021L is a one session per week 3-hour laboratory. Prerequisites: CHEM 1010/CHEM 1011L or CHEM 1110/CHEM 1111L. Corequisites: CHEM 1020/CHEM 1020D. Students may not earn credit for both CHEM 1021L and CHEM 1121L. (1)

CHEM 1110 - Chemistry I

Introduction to chemistry, including stoichiometry, atomic theory, molecular structure, bonding, chemical reactions, physical properties, periodic trends, gases, and intermolecular forces. Three lecture hours and one recitation per week. Prerequisites: completion of all developmental math requirements or eligibility for MATH 1030. Corequisites: CHEM 1110/CHEM 1110D/CHEM 1111L must be taken concurrently. Students may not earn credit for both CHEM 1010 and CHEM 1110. (3)

CHEM 1110D - Chemistry I

Introduction to chemistry, including stoichiometry, atomic theory, molecular structure, bonding, chemical reactions, physical properties, periodic trends, gases, and intermolecular forces. Three lecture hours and one recitation per week. Prerequisites: completion of all developmental math requirements or eligibility for MATH 1030. Corequisites: CHEM 1110/1110D/CHEM 1111L must be taken concurrently. Students may not earn credit for both CHEM 1010 and CHEM 1110. (0)

CHEM 1111L - Chemistry I Lab

Students are introduced to methods used to explore chemical/physical systems. Emphasis will be placed on data collection and analysis, and developing the lab skills required for upper-level courses. Experiments will cover a range of topics, including methods of measurement, chemical and physical properties of compounds, chemical reactivity, acid-base reactions, thermochemistry, and electrochemistry. One three-hour lab per week. Corequisites: CHEM 1110/CHEM 1110D/1111L must be taken concurrently. Students may not earn credit for both CHEM 1011L and CHEM 1111L. (1)

CHEM 1120 - Chemistry II

A continuation of the introduction to chemistry, including stoichiometry, properties of solutions, kinetics, equilibria, thermodynamics, electrochemistry, and nuclear chemistry. Three lecture hours and one recitation per week. Prerequisites: CHEM 1110/CHEM 1111L or CHEM 1010/CHEM 1011L. Corequisites: CHEM 1120/CHEM 1120D/CHEM 1121L must be taken concurrently. Students may not earn credit for both CHEM 1020 and CHEM 1120. (3)

CHEM 1120D - Chemistry II

A continuation of the introduction to chemistry, including stoichiometry, properties of solutions, kinetics, equilibria, thermodynamics, electrochemistry, and nuclear chemistry. Three lecture hours and one recitation per week. Prerequisites: CHEM 1110/CHEM 1111L or CHEM 1010/CHEM 1011L. Corequisites: CHEM 1120/1120D/CHEM 1121L must be taken concurrently. Students may not earn credit for both CHEM 1020 and CHEM 1120. (0)

CHEM 1121L - Chemistry II Lab

A continuation to the introduction to methods used to explore chemical/physical systems. The lab focuses on understanding chemical reactions and their uses for qualitative and quantitative analysis of systems. Emphasis is placed on application of the scientific method and writing skills. One three-hour lab per week. Prerequisites: CHEM

1110/CHEM 1111L or CHEM 1010/CHEM 1011L. Corequisites: CHEM 1120/CHEM 1120D/1121L must be taken concurrently. Students may not earn credit for both CHEM 1021L and CHEM 1121L. (1)

CHEM 2210 - Organic Chemistry I

Introduction to the structural theories, physical and chemical behavior, simple synthesis, basics of reaction mechanisms, and identification of compounds composed primarily of carbon and hydrogen. The critical thinking skills needed to apply this information to a wide variety of problems, both professional and societal, are strongly developed. Prerequisite: CHEM 1020 or CHEM 1120. Corequisite: CHEM 2210 and CHEM 2210D must be taken concurrently. (3)

CHEM 2210D - Organic Chemistry I

Introduction to the structural theories, physical and chemical behavior, simple synthesis, basics of reaction mechanisms, and identification of compounds composed primarily of carbon and hydrogen. The critical thinking skills needed to apply this information to a wide variety of problems, both professional and societal, are strongly developed. Drill sessions meet once per week. Prerequisite: CHEM 1020 or CHEM 1120. Corequisite: CHEM 2210 and CHEM 2210D must be taken concurrently. (0)

CHEM 2220 - Organic Chemistry II

A continuation to the introduction to the structural theories, physical and chemical behavior, synthesis, reaction mechanisms, and identification of compounds composed primarily of carbon and hydrogen. This course has significant emphasis on synthesis, reaction mechanisms, and spectroscopy. Students who complete the course will become familiar with the large body of information required before the chemistry of living systems (biochemistry and molecular biology) can be studied. The critical thinking skills needed to apply this information to a wide variety of problems, both professional and societal, are strongly developed. Prerequisite: CHEM 2210. Corequisite: CHEM 2220 and CHEM 2220D must be taken concurrently. (3)

CHEM 2220D - Organic Chemistry II

A continuation to the introduction to the structural theories, physical and chemical behavior, synthesis, reaction mechanisms, and identification of compounds composed primarily of carbon and hydrogen. This course has significant emphasis on synthesis, reaction mechanisms, and spectroscopy. Students who complete the course will become familiar with the large body of information required before the chemistry of living systems (biochemistry and molecular biology) can be studied. The critical thinking skills needed to apply this information to a wide variety of problems, both professional and societal, are strongly developed. Drill sessions meet once per week. Prerequisite: CHEM 2210. Corequisite: CHEM 2220 and CHEM 2220D must be taken concurrently. (0)

CHEM 2230L - Organic Chemistry Laboratory I

Students are introduced to microscale and macroscale organic laboratory techniques, selected instrumental analyses, and chemical safety. Students learn to critically assess their data and observations. Students get hands-on experience with organic reactions, instrumental analyses, and interpretations as well as presentation of results. Prerequisite: CHEM 1011L or CHEM 1111L. Corequisites: CHEM 2210/CHEM 2210D (1)

CHEM 2240L - Organic Chemistry Laboratory II

Students get hands-on experience with performing microscale and macroscale organic laboratory techniques, selected instrumental analyses, organic reactions, and syntheses. Students learn to critically assess their data and observations,

and to prepare organized, scientific reports from their findings. Prerequisite: CHEM 2230L. Corequisites: CHEM 2220/CHEM 2220D. (1)

CHEM 3010 - Physical Chemistry for the Life Sciences

Principles of physical chemistry as applied to biological and biomedical systems. Students who complete this course will gain an understanding of the physical properties of solids, liquids, and gases, the laws of thermodynamics, the properties of solutions, principles of chemical equilibria and chemical kinetics, quantum mechanical treatment of atoms and molecules, and the theory and applications of spectroscopy. The course will develop the critical thinking and computational skills of the students. Prerequisites: MATH 1070, and PHYS 2010/PHYS 2010L. Students may not earn credit for both CHEM 3010 and CHEM 3030. (3)

CHEM 3011 - Inorganic Chemistry

A study of the theories and principles of bonding and structure, as well as the descriptive chemistry and applications of the elements and their simple compounds. A student completing this course will be familiar with the information needed to connect the fundamental theories of inorganic chemistry with the new technological applications of inorganic compounds. Prerequisite: CHEM 2220. (3)

CHEM 3030 - Physical Chemistry I

A survey of the principles of physical chemistry including thermodynamics, phase equilibria, chemical equilibria, electrochemistry, and kinetics. Students who complete this course will gain an in-depth understanding of the principles governing the interaction of matter and energy, and will develop their critical thinking and computational skills. Prerequisites: CHEM 3210/CHEM 3210L, MATH 2070, and PHYS 2020/PHYS 2020L. Students may not earn credit for both CHEM 3010 and CHEM 3030. (3)

CHEM 3030L - Physical Chemistry Laboratory I

A selection of experiments featuring the applications of the principles of physical chemistry. Experiments include the use of physical chemistry techniques to examine the properties of solids, liquids, and gases, reaction kinetics, and systems at equilibrium. The course requires extensive computational and writing skills. One three-hour laboratory per week. Prerequisites: CHEM 3210/CHEM 3210L. Corequisite: CHEM 3010 or CHEM 3030. (1)

CHEM 3040 - Physical Chemistry II

Advanced topics in atomic and molecular quantum theory, atomic and molecular structure, spectroscopy, and photochemistry. Students who complete this course will gain an understanding of the properties of atoms and molecules, and the principles of the different types of spectroscopy. Prerequisites: CHEM 3210/CHEM 3210L, MATH 2070, and PHYS 2020/PHYS 2020L. (3)

CHEM 3040L - Physical Chemistry Laboratory II

A selection of experiments featuring the applications of the principles of physical chemistry. Experiments include the use of physical chemistry techniques to examine the properties of solids, liquids, and gases, and various spectroscopic techniques to characterize substances. The course requires extensive computational and writing skills. One three-hour laboratory per week. Prerequisites: CHEM 3030 (or CHEM 3010) and CHEM 3030L. (1)

CHEM 3130 - Introduction to Biochemistry

The student's understanding of cellular structure and composition on the molecular level will be developed through a study of the physical and chemical properties of the biomolecules of cells. Prerequisites: CHEM 2220/CHEM 2240L (3)

CHEM 3130L - Introduction to Biochemistry Laboratory

A selection of experiments covering the isolation of biochemical substances and the study of their properties. This course will enable the student to readily perform isolations of a number of types of biochemical substances, and to determine their properties and concentrations while gaining some skills in the use of common laboratory techniques and instruments. Prerequisites: CHEM 2220/CHEM 2240L Co-requisite: CHEM 3130 (1) (1)

CHEM 3210 - Quantitative Analysis

Theory and techniques of chemical analysis including evaluation of data, gravimetric, volumetric, potentiometric, and spectrophotometric methods. Prerequisites: CHEM 1020/CHEM 1020D/CHEM 1021L (or CHEM 1120/CHEM 1120D/CHEM 1121L). (3)

CHEM 3210L - Quantitative Analysis Laboratory

Techniques of chemical analysis including evaluation of data, gravimetric, volumetric, potentiometric, and spectrophotometric methods. 3210L is a one session four-hour laboratory. Prerequisites: CHEM 1020/CHEM 1020D/CHEM 1021L (or CHEM 1120/CHEM 1120D/CHEM 1121L). Corequisite: CHEM 3210 (1)

CHEM 3450 - Toxicology

A study of the fundamental principles of toxicology with emphasis on the chemical reactions and mechanisms involved. Topics include entry and fate of toxicants in the body, metabolism, toxic effects, and quantitation. A student completing this course will have a better understanding of the adverse effects of chemicals and other agents to human beings. Prerequisites: CHEM 2220, and BIOL 1240. (3)

CHEM 4011 - Advanced Inorganic Chemistry

A study of the theories and principles of coordination chemistry, solution chemistry, and applications of organometallic and bioinorganic compounds. A student completing this course will be familiar with the information needed to relate coordination compounds and their reactions to the expanding applied fields of organometallics, catalysis, and bioinorganic chemistry. Prerequisites: CHEM 3011 and CHEM 3010 (or CHEM 3030). (3)

CHEM 4060 - Advanced Biochemistry

Student will explore the biological chemistry of specialized cellular processes including genome structure and organization, DNA replication and repair, transcription, translation, and regulation of these processes. Specialized processes of chloroplasts and mitochondria will also be examined. *Prerequisite: C or better in CHEM 3130* 3

CHEM 4073 - Chemistry Literature Research

Students participate in an independent literature research project under the close supervision of a faculty advisor. This entails familiarization with relevant chemical literature, literature search, preparation of an abstract and a written report, and presentation of a departmental seminar. Students who complete this course learn to search and critically review the

literature, evaluate their findings, prepare a formal and detailed research report, and present a seminar for constructive review by their peers and the faculty. Prerequisites: CHEM 2220/CHEM 2240L (3)

CHEM 4080 - Introduction to Research

Students are paired with research mentors who prepare them for research through a literature search and studies as well as research training. Students are also required to attend seminars offered at the scheduled class period weekly. These seminars will include lectures on such topics as chemical safety and research ethics. Students are required to present a literature seminar or a research prospectus during the semester. Prerequisites: CHEM 2220/CHEM 2240L (0)

CHEM 4083 - Undergraduate Research

Students participate in an independent and original laboratory research project under the close supervision of a faculty advisor. This entails familiarization with relevant chemical literature, laboratory work, preparation of an abstract and written report, and presentation of a departmental seminar. Students who complete this course learn to search and critically review the literature, develop specialized laboratory skills, evaluate their data, prepare a formal and detailed research report, and present a seminar for constructive review by their peers and the faculty. Students desiring credit for research performed off campus must obtain approval of their project from the course coordinator, register for this course, and present the required written and oral reports and a letter of evaluation from the off-campus supervisor of the research. This course may be used as a senior capstone experience. Prerequisites: CHEM 4080 or permission of the course coordinator. (3)

CHEM 4140 - Metabolism

A study of biochemical energetics and the many biochemical pathways of carbohydrate, lipid, protein, and nucleic acid metabolism. The student will gain insight into the metabolism of biochemical substances on the molecular level, and insight into the universal and integrated nature of metabolism. Prerequisite: CHEM 3130. (3)

CHEM 4150L - Genomics and Proteomics Lab

This course is designed to introduce students to the laboratory and computational methodologies used in analyzing DNA and proteins using modern molecular biology, chemistry, and bioinformatics techniques. A student completing this course will have better insight into the theoretical and practical aspects of the structure and function of DNA and proteins. This course may be used as a senior capstone experience. Prerequisites: CHEM 3130/CHEM 3130L (2)

CHEM 4151 - Special Topics

Detailed discussion of one or more topics in chemistry. (1)

CHEM 4152 - Special Topics

Detailed discussion of one or more topics in chemistry. (2)

CHEM 4153 - Special Topics

Detailed discussion of one or more topics in chemistry. (3)

CHEM 4160 - Enzymology

A study of enzymes covering topics ranging from their isolation and purification from living organisms to their function and uses. The course will focus on complex kinetic studies and a study of the mechanism of action of complex enzymes. Prerequisites: CHEM 3130/CHEM 3130L (3)

CHEM 4210 - Advanced Organic Chemistry

The aim of this course is to solidify the student's understanding of certain basic concepts covered in CHEM 2210-CHEM 2220. Structures of organic compounds, reaction mechanisms, and stereochemistry of organic reactions are emphasized. The student will gain a deeper understanding of these topics and insight into the experimental foundation of abstract concepts. Prerequisite: CHEM 2220 (3)

CHEM 4230 - Principles of Polymer Chemistry

Topics include polymer solutions, molecular weight measurement, analysis and testing, mechanical properties, polymer structure and physical properties, polymerization methods, and polymer processing. Prerequisites: CHEM 2220/CHEM 2240L and CHEM 3010 (or CHEM 3030). (3)

CHEM 4240 - Instrumental Methods of Chemical Analysis

An introduction to the theories, operations, and applications of spectroscopic, electrochemical, and chromatographic instrumentation in chemical analysis. Students will acquire hands-on experience in the operation and use of several instruments commonly employed in chemical analysis. Students who successfully complete this course will have developed the critical thinking and laboratory skills necessary to apply various instrumentation to the solution of problems in chemical analysis. Laboratory meets in one four-hour session. CHEM 4240 and CHEM 4240L must be taken concurrently. Prerequisites: CHEM 3210/CHEM 3210L (4)

CHEM 4240L - Instrumental Methods of Chemical Analysis

An introduction to the theories, operations, and applications of spectroscopic, electrochemical, and chromatographic instrumentation in chemical analysis. Students will acquire hands-on experience in the operation and use of several instruments commonly employed in chemical analysis. Students who successfully complete this course will have developed the critical thinking and laboratory skills necessary to apply various instrumentation to the solution of problems in chemical analysis. Laboratory meets in one four-hour session. CHEM 4240 and CHEM 4240L must be taken concurrently. Prerequisites: CHEM 3210/CHEM 3210L (0)

CHEM 4250 - Drug Design and Synthesis

This course will provide an overview of fundamental principles of medicinal chemistry including drug development, drug design, lead compound discovery, and drug synthesis. Emphasis will be placed on the chemical reactions and mechanisms involved. An overview of drug classes and mechanisms of activity will be included. Prerequisite: CHEM 2220 (3)

CHEM 4310L - Synthesis Laboratory

Advanced methods in the synthesis and characterization of organic and inorganic compounds; includes an independent project. A wide range of compounds are synthesized, including organic, bioinorganic, organometallic, and coordination compounds. Concepts and principles of green chemistry are introduced and incorporated throughout the course. The student is expected to become skilled in a variety of synthetic and spectroscopic techniques used in a modern chemistry laboratory. By the end of the semester, the student should be able to independently research a synthetic problem and design a procedure to execute that synthesis. The student will also be able to report experimental results using the

format approved by the American Chemical Society for publications. This course may be used as a senior capstone experience. Prerequisites: CHEM 3210/CHEM 3210L (2)

CHEM 4320L - Molecular Structure and Organic Synthesis Laboratory

Students perform multi- step synthesis and identify unknown and synthesized compounds. A variety of chemical and spectroscopic characterization methods are used. This course seeks to bridge the gap between the elementary organic lab and the advanced organic research lab. It allows students to develop critical reasoning skills, computational skills and oral and written presentation skills necessary for a professional career in science. This course may be used as a senior capstone experience. Prerequisites: CHEM 2220/CHEM 2240L (2)

CHEM 4999 - Senior Comprehensives

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Clinical Pharmacy

The Fall (Fa), Spring (Sp), or Summer (Su) sessions indicated are expected but are not guaranteed.

PCLN 3601 - Introductory Pharmacy Practice Experience I - Wellness Service Learning

Students teach healthy nutrition and lifestyle to local elementary and middle school students. *Prerequisite: Admission to the College of Pharmacy (1, FaSp)*

PCLN 3602 - Introductory Pharmacy Practice Experience I - Patient Interviewing

Students provide medication and lifestyle counseling to clients at local senior centers. The focus for the first year student is acquiring patient interviewing skills. *Prerequisite: Admission to the College of Pharmacy (1, FaSp)*

PCLN 3603 - Introduction to Pharmacy Practice Experience I Seminar

Supplements First Year Introduction to Pharmacy Practice Experience (IPPE-I) Courses PCLN 4701 and 4702 by providing skill in preparation and presentation of pharmacy related activities that enhance the IPPE curriculum. Activities include additional training, guidance, reflection and discussion time required to introduce students to pharmacy services provided within the community setting. *Prerequisite: Admission to the College of Pharmacy (0, FaSp)*

PCLN 3604 - Introduction to Pharmacy Practice Experience I Seminar

Supplements First Year Introduction to Pharmacy Practice Experience (IPPE-I) Courses PCLN 4701 and 4702 by providing skill in preparation and presentation of pharmacy related activities that enhance the IPPE curriculum. Activities include additional training, guidance, reflection and discussion time required to introduce students to pharmacy services provided within the community setting. *Prerequisite: Admission to the College of Pharmacy (0, FaSp)*

PCLN 3630 - Professional Practice

Designed to provide the foundation for students' development as pharmacy professionals. Topics include fundamental principles, skills and knowledge essential to pharmacy practice. *Prerequisite: Admission to College of Pharmacy Co-requisite: PCLN 3630 and PCLN 3630L are mutually corequisite (2, Fa)*

PCLN 3630L - Professional Abilities Lab (PAL) I

Designed to provide the foundation for students' development as pharmacy professionals. Topics include fundamental principles, skills and knowledge essential to pharmacy practice. *Prerequisite: Admission to College of Pharmacy Co-requisite: PCLN 3630 and PCLN 3630L are mutually corequisite (1, Fa)*

PCLN 3700 - Introduction to Therapeutics

Introduces students to the basic principles of patient care, the essential skills needed to develop a pharmaceutical care plan. Also focuses on self-care and managing patients who are candidates for non-prescription pharmacotherapy. *Prerequisites: PCLN 3630 /PCLN 3630L, PHCL 3620/ PHCL 3620L Co-requisites: PHCT 3050/PHCT 3050L, PHCL 3630, PCLN 3602, and PHSC 3910 (2, Sp)*

PCLN 4601 - Introductory Pharmacy Practice Experience II-Community

Students gain introductory pharmacy practice experience by completing 50 hours in a community pharmacy practice setting with additional lecture/lab activities to enhance the rotation experience. *Prerequisites: PCLN 3601, PCLN 3602, PCLN 3603, and PCLN 3604 (1, FaSp)*

PCLN 4602 - Introductory Pharmacy Practice Experience II-Institutional

Students gain introductory pharmacy practice experience by completing 50 hours in an institutional/hospital pharmacy practice setting with additional lecture/lab activities to enhance the rotation experience. *Prerequisites: PCLN 3601, PCLN 3602, PCLN 3603, and PCLN 3604 (1, FaSp)*

PCLN 4630L - Professional Abilities Lab (PAL) II

Designed to assist in the development of skills in pharmaceutical calculations, patient assessment and interviewing as related to specific disease states. *Prerequisites: PCLN 3630, PCLN 3630L Corequisites: PCLN 4770, PCLN 4771, PCLN 4772, PCLN 4773, and PCLN 4774 (1, Fa)*

PCLN 4640L - Professional Abilities Lab (PAL) III

Designed to assist in the development of skills in pharmaceutical calculations, patient assessment and interviewing as related to specific disease states. *Prerequisites: PCLN 4630L Corequisite: PCLN 4775, PCLN 4776, PCLN 4777, and PCLN 4778 (1, Sp)*

PCLN 4710 - Advanced Topics in Critical Care Pharmacy Online/Hybrid

Designed to expose third professional year pharmacy students to advanced topics in critical care medicine. Presents the students with an evidence based approach to the therapeutic and supportive management of critically ill patients. Using a therapeutics, systems approach in therapy management, critical care topics not introduced in advanced topics in nutrition support, trauma medicine, emergency medicine and palliative care will be addressed. *Prerequisites: PHSC 5910 and PCLN 5310, PCLN 5320, and PCLN 5330 (2, Sp)*

PCLN 4770 - Therapeutics II: Immunology & Rheum. Diseases

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers the disease state of rheumatology. Prerequisites: PCLN 3700, PHSC 3650, PHSC 3910, and PHCL 3630 Co-requisites: PHSC 4910 and PCLN 4630L (1, Fa)

PCLN 4771 - Therapeutics II: Dermatology & Respiratory

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers dermatology and respiratory disease states. Prerequisites: PCLN 3700, PHSC 3650, PHSC 3910, and PHCL 3630 Co-requisites: PHSC 4910 and PCLN 4630L (2, Fa)

PCLN 4772 - Therapeutics II: Cardiology I

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers hypertension and hyperlipidemia disease states. Prerequisites: PCLN 3700, PHSC 3650, PHSC 3910, and PHCL 3630 Co-requisites: PHSC 4910 and PCLN 4630L (1, Fa)

PCLN 4773 - Therapeutics II: Endocrine

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers diabetes and thyroid diseases. Prerequisites: PCLN 3700, PHSC 3650, PHSC 3910, and PHCL 3630 Co-requisites: PHSC 4910 and PCLN 4630L (2, Fa)

PCLN 4774 - Therapeutics II: Gastro/Hepatology

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers disease states of the upper and lower gastrointestinal tracts and liver. Prerequisites: PCLN 3700, PHSC 3650, PHSC 3910, and PHCL 3630 Co-requisites: PHSC 4910 and PCLN 4630L (2, Fa)

PCLN 4775 - Therapeutics III: Fluid/Electrolyte/Renal

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers renal disease, fluids and electrolyte balance and acid-base. Prerequisites: PCLN 3700 Corequisites: PHCT 4800, PHSC 4920, and PCLN 4640L (2, Sp)

PCLN 4776 - Therapeutics III: Cardiology II

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers acute coronary syndromes, arrhythmias, deep vein thrombosis and heart failure. Prerequisites: PCLN 3700 and PCLN 4772 Corequisites: PHCT 4800, PHSC 4920, and PCLN 4640L (2, Sp)

PCLN 4777 - Therapeutics III: Neurology

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers seizures, stroke and pain management. Prerequisites: PCLN 3700 and PCLN 4772 Corequisites: PHCT 4800, PHSC 4920, and PCLN 4640L (2, Sp)

PCLN 4778 - Therapeutics III: Psychiatry

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers depression, anxiety and schizophrenia. Prerequisites: PCLN 3700 and PCLN 4773 Corequisites: PHCT 4800, PHSC 4920, and PCLN 4640L (2, Sp)

PCLN 5310 - Therapeutics IV: Infestious Disease 1

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers fungal and bacterial diseases. Prerequisites: PCLN 3700 and PHCT 4800 Corequisites: PCLN 5610L and PHSC 4910 (3, Fa)

PCLN 5320 - Therapeutics IV: Infectious Disease 2

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers viral and parasitic diseases. Prerequisites: PCLN 3700 and PHCT 4800 Corequisites: PCLN 5610L and PHSC 4910 (2, Fa)

PCLN 5330 - Therapeutics IV: Oncology

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Prerequisites: PCLN 3700 and PHCT 4800 Corequisites: PCLN 5610L and PHSC 4910 (2, Fa)

PCLN 5340 - Therapeutics V: Transplant/Obesity

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers transplant and obesity. Prerequisites: PCLN 4770, PCLN 4771, PCLN 4772, PCLN 4773, PCLN 4774, PCLN 4775, PCLN 4776, PCLN 4777, PCLN 4778, and PHSC 5910 Corequisites: PCLN 5620L (1, Sp)

PCLN 5350 - Therapeutics V: Men's/Women's Health

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers osteoporosis, pregnancy and prostate disorders. Prerequisites: PCLN 4770, PCLN 4771, PCLN 4772, PCLN 4773, PCLN 4774, PCLN 4775, PCLN 4776, PCLN 4777, PCLN 4778, PHCT 4800, and PHSC 5910 Corequisites: PCLN 5620L (1, Sp)

PCLN 5360 - Therapeutics V: Pediatrics/Geriatrics

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers disorders that affect pediatric and geriatric populations. Prerequisites: PCLN 4770, PCLN 4771, PCLN 4772, PCLN 4773,

PCLN 4774, PCLN 4775, PCLN 4776, PCLN 4777, PCLN 4778, PHCT 4800, and PHSC 5910 Corequisites: PCLN 5620L (2, Sp)

PCLN 5370 - Therapeutics V: Nutrition/Critical Care

Integrates pathophysiology, pharmacogenomics and information on the natural course of diseases in a population as well as the effect of interventions at critical points to improve patients' outcomes and quality of life. Covers critical care, nutrition support and emergency medicine. Prerequisites: PCLN 4770, PCLN 4771, PCLN 4772, PCLN 4773, PCLN 4774, PCLN 4775, PCLN 4776, PCLN 4777, PCLN 4778, PHCT 4800, and PHSC 5910 Corequisites: PCLN 5620L (2, Sp)

PCLN 5601 - Introductory Pharmacy Practice Experience III - Clinical

Provides students' first exposure to clinical pharmacy activities with actual patients in ambulatory and inpatient settings. Activities include; chart reviews, rounding, case presentations, and journal clubs. Prerequisites: PCLN 4601, PCLN 4602, PCLN 4770, PCLN 4771, PCLN 4772, PCLN 4773, and PCLN 4774 (1, FaSp)

PCLN 5602 - Introductory Pharmacy Practice Experience III - Medication Counseling

Students provide medication and lifestyle counseling to clients at local senior centers focusing on the provision of patient centered medication counseling. Prerequisites: PCLN 4601, PCLN 4602, PCLN 4770, PCLN 4771, PCLN 4772, PCLN 4773, and PCLN 4774 (1, FaSp)

PCLN 5610L - Professional Abilities Lab (PAL) IV

Designed to assist in the development of skills in pharmaceutical calculations, patient assessment and interviewing as related to specific disease states. *Prerequisite: PCLN 4640L Corequisites: PCLN 5310, PCLN 5320, and PCLN 5330* (1, Fa)

PCLN 5620L - Professional Abilities Lab (PAL) V

Designed to assist in the development of skills in pharmaceutical calculations, patient assessment and interviewing as related to specific disease states. Prerequisite: PCLN 5610L Corequisites: PCLN 5340, PCLN 5350, PCLN 5360, and PCLN 5370 (1, Sp)

PCLN 6302 - Community Pharmacy Practice

Professional experience rotations designed to provide experience in the delivery of pharmaceutical care as it relates to community (retail) pharmacy practice. Student, under the direct supervision of a Registered Pharmacist- Preceptor, will be exposed to all of the ethical, legal, professional and managerial functions required of a competent pharmacist in a community-based practice site. Specific activities include: receiving, dispensing and compounding prescriptions; and advising patients on the proper use of prescription and non-prescription medications, products, supplies, and/or devices. Prerequisite: Completion of all first, second and third year pharmacy courses. (6, FaSpSu)

PCLN 6304 - Community Pharmacy Practice

Professional experience rotations designed to provide experience in the delivery of pharmaceutical care as it relates to community (retail) pharmacy practice. Student, under the direct supervision of a Registered Pharmacist- Preceptor, will be exposed to all of the ethical, legal, professional and managerial functions required of a competent pharmacist in a

community-based practice site. Specific activities include: receiving, dispensing and compounding prescriptions; and advising patients on the proper use of prescription and non-prescription medications, products, supplies, and/or devices. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6305 - Institutional Pharmacy Practice

Professional experience rotations designed to provide experience in the delivery of pharmaceutical care as it relates to hospital and institutional pharmacy services. Under the direct supervision of a Registered Pharmacist-Preceptor, the student will actively participate in drug distribution, intravenous admixture services and institutional practice management. The student will learn how these activities are interrelated and coordinated with other healthcare providers (physicians, nurses, etc.) involved with drug use throughout the institution. Participating hospitals are selected on the basis of their broad range of pharmaceutical services. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6307 - Institutional Pharmacy Practice

Professional experience rotations designed to provide experience in the delivery of pharmaceutical care as it relates to hospital and institutional pharmacy services. Under the direct supervision of a Registered Pharmacist-Preceptor, the student will actively participate in drug distribution, intravenous admixture services and institutional practice management. The student will learn how these activities are interrelated and coordinated with other healthcare providers (physicians, nurses, etc.) involved with drug use throughout the institution. Participating hospitals are selected on the basis of their broad range of pharmaceutical services. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6312 - Ambulatory Care Practice

Professional experience involving direct patient care in monitoring the patient's medications for appropriateness of therapy; activities will also include patient medication counseling and dissemination of drug information to patients and healthcare professionals; involvement in various quality assurance activities for ultimate collaboration among all healthcare team participants to improve the patient's therapeutic outcome. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6314 - Ambulatory Care Practice

Professional experience involving direct patient care in monitoring the patient's medications for appropriateness of therapy; activities will also include patient medication counseling and dissemination of drug information to patients and healthcare professionals; involvement in various quality assurance activities for ultimate collaboration among all healthcare team participants to improve the patient's therapeutic outcome. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6322 - Acute Care-Internal Medicine Practice

Professional experience involving direct patient care in designing, recommending, and evaluating patient specific pharmacotherapy with respect to different disease states; activities will also include patient medication counseling and dissemination of drug information to patients and healthcare professionals; involvement in various quality assurance activities for ultimate collaboration among healthcare team participants to improve the patient's therapeutic outcome. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6324 - Acute Care-Internal Medicine Practice

Professional experience involving direct patient care in designing, recommending, and evaluating patient specific pharmacotherapy with respect to different disease states; activities will also include patient medication counseling and dissemination of drug information to patients and healthcare professionals; involvement in various quality assurance activities for ultimate collaboration among healthcare team participants to improve the patient's therapeutic outcome. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6332 - Drug Information Services

Professional experience designed to familiarize the students with the tools and resources necessary to retrieve drug information, which can be utilized during the practice of pharmacy. In addition, this rotation will prepare the student in a Pharmacy Practice/Drug Information Residency Program or for a position as Drug Information Specialists in academia, industry or institutional setting. Prerequisite: Completion of all first, second and third year courses. **(6, FaSpSu)**

PCLN 6335 - Inpatient Infectious Disease Elective

Professional experience involving direct patient care in designing, recommending, monitoring and evaluating patient specific pharmacotherapy with respect to different disease states especially with an emphasis on infectious diseases; activities will also include patient medication counseling and dissemination of drug information to patients and healthcare professional; involvement in various quality assurance activities for ultimate collaboration among all healthcare team participants to improve the patient's therapeutic outcome. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6336 - Outpatient Infectious Disease Elective

Professional experience involving direct patient care in designing, recommending, monitoring and evaluating patient specific pharmacotherapy with an emphasis on HIV/AIDs; activities also include medication and adherence counseling, dissemination of drug information to patients and healthcare professionals, and collaboration with all healthcare team participants to improve the patient's therapeutic outcome. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6337 - Diabetes Education and Management Elective

The Diabetes Education and Management Elective serves as an extension of the Ambulatory Care Practice Experience. Pharmacy interns are exposed to all aspects of diabetes, including the nature of the disease, necessary lifestyle modifications, complications, and drug therapies, etc. Students are expected to translate information learned into actual patient care consultation in the efforts to help patients achieve glucose control. Students may have the opportunity to work with pharmacists, physicians, nurses, social services and other support personnel in providing direct patient care in diabetes and may also be able to participate in educating the various practitioners on both drug and patient care-related topics. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6338 - Women's Health Services Elective

The ambulatory care clerkship specializing in women's health places major emphasis on four areas: cardiovascular diseases, diabetes, menopause and osteoporosis. Other common conditions primarily affecting females (e.g. lupus, FSD, endometriosis, fibromyalgia, etc.) and the unique effects of medications on the female population are also studied. Utilizing a collaborative healthcare approach between pharmacy and medicine, therapeutic recommendations and patient counseling are vital parts of the learning experience. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6339 - Asthma Education & Management Elective

Professional experience involving direct patient care in allergy asthma services, including allergy and asthma education, asthma device training, and reinforcement and dissemination of drug information to patients and health care professionals. Other activities include presentations, journal club, and seminars. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6340 - Intensive Critical Care Pharmacotherapy Elective

Elective rotation focused on the provision of medication therapy management to patients in ICU, MICU, SICU, step-down units and other high activity settings. Recommended to students interested in residency training. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6341 - Pediatric Pharmacy Practice Elective

Advanced Professional Practice Experience involving direct pediatric patient care in designing, recommending, and evaluating patient specific pharmacotherapy with respect to different disease states and conditions. Activities include participation on daily rounds, dissemination of drug information to patients and healthcare professionals, and multi-disciplinary team collaboration. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6350 - Pharmacy Compounding Practice Elective

Elective rotation focused on the provision of medication therapy management and individualized patient care. Recommended to students interested in community pharmacy ownership, institutional practice and ambulatory care. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6)**

PCLN 6351 - Home Infusion Pharmacy Elective

Elective rotation focused on the provision of medication therapy management to home bound patients requiring intravenous and other advance treatments. Recommended to students interested in home infusion, community pharmacy ownership, and any clinical specialty practice as a career. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6352 - Nuclear Pharmacy Practice Elective

Elective rotation focused on the provision of medication therapy management and radiosopic compounding. Recommended to students interested in nuclear pharmacy and acute care clinical practice. Prerequisite: Completion of all first, second, and third year pharmacy courses **(6, FaSpSu)**

PCLN 6353 - Hospice Pharmacy Practice Elective

Elective rotation focused on the provision of medication therapy management to hospice patients. Recommended to students interested in community pharmacy ownership, ambulatory care practice and oncology specialty practice. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6354 - Specialty Hospital Practice Elective

Elective rotation focused on the provision of medication therapy management services in a specialty hospital environment. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6355 - Long Term Care Pharmacy Practice Elective

Elective rotation focused on the provision of care along with the daily operations and management of nursing home and other related practices. Recommended to students interested in becoming a consultant pharmacist. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6359 - Pharmacy Benefit Management Elective

Elective rotation focused on the daily operations and management of a pharmacy benefit management company. Recommended to students interested in managed care. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6360 - Chain Pharmacy Management Elective

Elective rotation focused on the daily operations and management of community pharmacies. A student may not take this elective with the same company for whom he or she is currently employed or has accepted a position of employment. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6361 - Professional Organizations Practice Elective

Elective rotation students are tasked as administrative assistants to the professional executive officers of a pharmacy organization such as the Louisiana Society of Health-System Pharmacists. Requires travel. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6362 - Health System Pharmacy Management Elective

Elective rotation focused on the daily operations and management of hospital pharmacies and other institutional practices. A student may not take this elective with the same company for whom he or she is currently employed or has accepted a position of employment. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6363 - Pharmaceutical Sales & Liaison Services Elective

Elective rotation focused on the work of the pharmaceutical representative. Requires significant travel every day of the rotation. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6364 - Professional Regulatory Practice Elective

Elective rotation with focus on drug regulatory processes to ensure drug safety and compliance through a healthcare interdisciplinary team approach. **(6, FaSpSu)**

PCLN 6365 - International Global Health Elective

Elective rotation with a focus on international and global healthcare includes practice with multidisciplinary teams to solve issues of therapy management and drug distribution. International travel required. **(6, FaSpSu)**

PCLN 6405 - Research Elective: Minority Health & Health Disparities Research I

Research elective rotation focused in areas of known health disparities such as diabetes, cancer, HIV/AIDS or behavioral health, social health, and public policy issues that impact health outcomes. Recommended for students

interested in clinical or health administration careers. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6406 - Research Elective: Minority Health & Health Disparities Research II

Research elective rotation focused in areas of known health disparities such as diabetes, cancer, HIV/AIDS or behavioral health, social health, and public policy issues that impact health outcomes. Recommended for students interested in clinical or health administration careers. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6407 - Research Elective: Minority Health & Health Disparities Research III

Research elective rotation focused in areas of known health disparities such as diabetes, cancer, HIV/AIDS or behavioral health, social health, and public policy issues that impact health outcomes. Recommended for students interested in clinical or health administration careers. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6408 - Research Elective: Basic Pharmaceutical Sciences I

Elective rotation focused on bench research with a member of the Division of Basic Pharmaceutical Sciences. Recommended for students interested in clinical or basic science research careers. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6409 - Research Elective: Basic Pharmaceutical Sciences II

Elective rotation focused on bench research with a member of the Division of Basic Pharmaceutical Sciences. Recommended for students interested in clinical or basic science research careers. Prerequisite: Completion of all first, second, and third year pharmacy courses **(6, FaSpSu)**

PCLN 6410 - Research Elective: Basic Pharmaceutical Sciences III

Elective rotation focused on bench research with a member of the Division of Basic Pharmaceutical Sciences. Recommended for students interested in clinical or basic science research careers. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6413 - Research Elective: Clinical Research and Scholarship I

Elective rotation providing experience in either the scholarship of discovery, the scholarship of integration or the scholarship of application. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6414 - Research Elective: Clinical Research and Scholarship II

Elective rotation providing experience in either the scholarship of discovery, the scholarship of integration or the scholarship of application. Prerequisite: Completion of all first, second and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6422 - Professional Experience: Academic Teaching Elective

Elective rotation focused on the fundamentals associated with teaching professional students. Includes preparation and delivery of lectures, case discussions and tests. Recommended for students interested in clinical teaching careers. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(6, FaSpSu)**

PCLN 6501D - Professional Experience Program Meetings I

Seminars and other formatted activities to prepare students for the NAPLEX, MJPE, job interviews and life as a professional. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(0, FaSpSu)**

PCLN 6502D - Professional Experience Program Meetings II

Seminars and other formatted activities to prepare students for the NAPLEX, MJPE, job interviews and life as a professional. Prerequisite: Completion of all first, second, and third year pharmacy courses. **(0, FaSpSu)**

Communication Studies

CMST 1000 - Introduction to Communication Studies

This course, required of all Communication Studies majors, introduces students to the study of human communication within a variety of contexts. The course will provide a survey of topics, theory, research, and contexts of communicative practice from both a social scientific and humanistic perspective. **(3, Fa)**

CMST 1010 - Fundamentals of Public Speaking

A performance-oriented course that requires students to present several speeches. Major emphasis is placed on preparation, organization, delivery, and the development of confidence and poise. **(3, FaSpSu)**

CMST 1011H - Fundamentals of Public Speaking (Honors)

This is a performance-oriented honors course that requires students to present several speeches. Major emphases are placed on preparation, organization, delivery, and the development of confidence and poise. Students will also participate in a service learning project within the New Orleans community. Prerequisite: ACT of 24 OR SAT of 1090 AND high school GPA of 3.0. **(3, FaSp)**

CMST 1080 - Health Communication

This course introduces students to a wide variety of communication skills necessary in the health care professions, including patient-caregiver communication, communication within health-care organizations, and crafting and presenting health campaigns. Students are required to implement these health communication strategies and models through in-class workshops and the design and presentation of a public health campaign. Prerequisite: None **(3, FaSp)**

CMST 1400 - Interpersonal Communication

Designed to increase students' understanding and implementation of effective interpersonal communication behavior and skills. Students will participate in activities designed to develop interpersonal communications skills and assess their communication competence using various assessment tools. **(3, FaSp)**

CMST 1500 - Intercultural Communication

Familiarizes students with basic concepts, approaches, processes, and contexts which form the foundation for critical discussion of cross-cultural interaction. **(3, FaSp, EXP)**

CMST 2010 - Performance of Literature

The study of literature through performance. Reading, analysis, and performance of literary texts. General introduction to performance studies. Prerequisite(s): None **(3, EXP)**

CMST 2180 - Introduction to Cultures and Rhetorics

The course serves as an introduction to the philosophical, social and cultural foundations of rhetorical theory and practice through an analysis of different cultures and cultural artifacts. The course includes a general introduction to rhetoric, its disciplinary history, and approaches to criticism. Prerequisite: None **(3, EXP)**

CMST 3010 - Introduction to Communication Theory

This course explores the practical, engaging, and relevant ways in which human communication theory operates in our everyday lives. It exposes students to both the contemporary humanistic and social scientific theories in the discipline of communication studies. Prerequisites: CMST 1000, CMST 1010 or CMST 1011H, CMST 1400 or CMST 1500 or CMST 1080, CMST 2010, CMST 2180 or instructor permission. **(3)**

CMST 3020 - Introduction to Communication Studies Research

This course provides an introduction to the qualitative, quantitative, and critical approaches to research in the field of communication studies. Basic procedures for communication studies research and writing about research will be covered. Prerequisite: CMST 3010 OR instructor permission. **(3)**

CMST 3030 - Race, Culture and Communication

This course is an introduction to the study of rhetorical theories and practices across cultures. The primary purpose of this course is to study how the interconnections of race and culture shape communication as well as influence contemporary social issues. Prerequisite: CMST 1000, CMST 1010 or CMST 1011H, CMST 1400 or CMST 1500 or CMST 1080, CMST 2010, CMST 2180 OR instructor permission. **(3)**

CMST 3040 - Small Group Communication

A study of problem solving through group discussion; major emphasis on group dynamics, problem solving and discussion techniques. Students will gain practical experience by participating in several formal discussions. Prerequisite: CMST 1000, CMST 1010 or CMST 1011H, CMST 1400 or CMST 1500 or CMST 1080, CMST 2010, CMST 2180 OR MSCM major and junior level status. **(3)**

CMST 3050 - Family Communication

This course is designed to introduce students to the role of communication in developing, maintaining, enhancing or disturbing family dynamics. Students will develop an appreciation for different family types in the context of a wide range of cultures and co-cultures and explore the complexities of family interactions through theoretical frameworks. Prerequisite: CMST 1000, CMST 1010 or CMST 1011H, CMST 1400 or CMST 1500 or CMST 1080, CMST 2010, CMST 2180 OR instructor permission. **(3)**

CMST 3060 - Introduction to Performance Studies

This course studies the rhetorical and aesthetic elements of solo and group performance, including performances of literature, cultural performances, and experimental performances. Theory and practice are emphasized, as students broaden their understanding of performance as both object of study and method of representation. Students will develop performances through adapting or creating texts and working with various staging aesthetics. Prerequisite: CMST 1000, CMST 1010 or CMST 1011H, CMST 1400 or CMST 1500 or CMST 1080, CMST 2010, CMST 2180 OR instructor permission. (3)

CMST 3070 - Persuasion

This course provides a comprehensive overview of classical and contemporary persuasive theories. We will further our exploration into the art of persuasion through the critical application of theoretical persuasive knowledge to a host of interesting artifacts. Students will develop a new vocabulary related to persuasive knowledge, and will learn how to improve their personal persuasive strategies in the public and private spheres. Prerequisite: CMST 1000, CMST 1010 or CMST 1011H, CMST 1400 or CMST 1500 or CMST 1080, CMST 2010, CMST 2180 OR instructor permission. (3)

CMST 3075 - Special Topics in Communication Studies

A seminar-type course that will focus on a specific issue or area within the field of Communication Studies. Before enrolling, students should consult the instructor regarding the topic and course requirements. Prerequisite: CMST 1000, CMST 1010 or CMST 1011H, CMST 1400 or CMST 1500 or CMST 1080, CMST 2010, CMST 2180 OR instructor permission. Students may enroll in CMST 3075 a maximum of two times. (3)

CMST 3080 - Gender and Communication

(WMST 3080) This course examines how gender is socially constructed and communicated. Focusing on various contexts such as work, education, the family, religion and the media, students will develop a critical gender/sex lens through which to understand communication with respect to gender diversity and socialization. Prerequisite: CMST 1000, CMST 1010 or CMST 1011H, CMST 1400 or CMST 1500 or CMST 1080, CMST 2010, CMST 2180 OR instructor permission. (3)

CMST 3125 - Science Communication

This performance-oriented course allows students the opportunity to enhance their communication skills in relationship to their scientific research and career interests. This course will help students to move from an understanding of science to possessing the skill to transfer scientific thinking in critical and ethical ways to expert and non-expert publics with the purpose of influencing policy, generating financial and institutional support, and addressing scientific misinformation. Major emphasis is placed on clarity, delivery, and tailoring scientific information for different audiences, formats, and situations. *This course requires students have either their own scientific research project or significant knowledge of a scientific phenomenon on which to base their presentations.* Prerequisite: CMST 1010, 1010H, 1080, 1400, or 1500, OR instructor permission. **3,Sp, EXP**

CMST 3133 - Mock Trial and Debate

(PSCI 3133) An introduction to the techniques of argumentation and debate applied to trial courts and the judicial process. Prerequisite: CMST 1010 (3)

CMST 4010 - Advanced Intercultural and Interethnic Communication

This course is designed to facilitate investigation and critique of key content areas of intercultural and interethnic communication. Students will gain an understanding of research/theory content and of methodologies pertinent both to

the workplace and to academia. The course will cover international aspects of communication (communication differences, culture shock, etc.) and intolerance based on perceived group/culture differences. In addition to its general focus of intercultural communication, it will also look specifically at American culture and co-cultures, as well as a focus on ethnic identity and solutions to prejudice. Prerequisite: CMST 3010 and CMST 3020 OR instructor permission. (3)

CMST 4020 - Relational Communication

This course is designed as an upper-level human communication course that advances student understanding of the role of communication in the development, maintenance, and termination of close relationships. An important goal of the course is for students to gain insights into their own experiences in close relationships by applying research/theory content and methodologies to their relational experience. Prerequisite: CMST 3010 and CMST 3020 OR instructor permission. (3)

CMST 4030 - Performance of Everyday Life

This course explores how communication in everyday life may be understood using performance as a metaphor and method of study. We will discuss culture as a continuous performance, from the "ordinary" speech of an individual to the elaborate rituals/practices of groups and organizations by examining how everyday performances construct and maintain culture. Prerequisite: CMST 3010 and CMST 3020 OR instructor permission. (3)

CMST 4040 - Methods of Group Performance

This course explores the adaptation and staging of nondramatic literature and other materials for group performance. We will study and apply: the compositional staging practices of visual aesthetics and acoustic principles, the theories and techniques of adapting and staging different kinds of texts, and the experimental and cultural applications of group performance practices. Prerequisite: CMST 3010 and CMST 3020 OR instructor permission. (3)

CMST 4050 - Rhetoric of Race, Class and Gender

This course explores how race, class, and gender intersect in discourse to either create/maintain dominant power structures or to transcend them. Students will examine both historical and contemporary articulations of power. Prerequisite: CMST 3010 and CMST 3020 OR instructor permission. (3)

CMST 4060 - African American Rhetoric and Culture

This course will survey the rhetoric of African American men and women from the 1800s until now as a way of discovering how the African American race has strategically used rhetoric to make their voices heard. Students will learn some of the nuances that characterize African American rhetoric. Prerequisite: CMST 3010 and CMST 3020 OR instructor permission. (3)

CMST 4075 - Seminar in Communication Studies

Using diverse methodological perspectives as well as historical and contemporary scholarship, this seminar-type course will provide an in-depth study of an area of inquiry within the field of Communication Studies. Prerequisite: CMST 3010 and CMST 3020 OR instructor permission. (3)

CMST 4131 - Independent Study

An opportunity for in-depth study or research in COMMUNICATION STUDIES. The topic or area of study will be initiated by the student and approved by the supervising faculty member. Prerequisite: Senior level status and/or permission of instructor. (1)

CMST 4132 - Independent Study

An opportunity for in-depth study or research in COMMUNICATION STUDIES. The topic or area of study will be initiated by the student and approved by the supervising faculty member. Prerequisite: Senior level status and/or permission of instructor. (2)

CMST 4133 - Independent Study

An opportunity for in-depth study or research in COMMUNICATION STUDIES. The topic or area of study will be initiated by the student and approved by the supervising faculty member. Prerequisite: Senior level status and/or permission of instructor. (3)

CMST 4900 - Communication Studies Capstone

In this course, students will engage in an in-depth study of a contemporary issue in Communication Studies by integrating and applying the theories, knowledge and skills they have acquired through their previous coursework to a project that serves as an instrument of evaluation, satisfying the Senior Comprehensive Examination requirement. Prerequisite: CMST 3010, CMST 3020 and senior status. (3)

Computer Science

CPSC 1005 - Introduction to PC's and Software Applications

Introductory computer course offered to all students especially those new to using computers. Topics include basic hardware/software terminology, hands-on instruction on business application software covering database management systems, presentation software, spreadsheets, and word processing using contemporary office software such as Microsoft Office. Prerequisite(s): None (3, FaSpSu)

CPSC 1010 - Computing Challenges

Offers a broad overview of computer science designed to provide students with an appreciation for and an understanding of the many different aspects of computer science. Topics include discrete mathematics, an introduction to programming languages, and algorithmic problem solving when applied to mathematics, physics, engineering, business, the social sciences, as well as other non-computing disciplines. This course is intended for students who are curious about computing and its importance to other disciplines. Prerequisite(s): None. (3, EXP)

CPSC 1210 - Engaging Digital Media

(ART 1210, MSCM 1210) Introduction to digital media concepts, design, production and interpretation. Students will apply the latest innovations from art, communications, and computer science perspectives. This is an experiential course with students becoming effective at creating, analyzing, and evaluating digital content in a collaborative teamwork environment. Students will learn to use software (including photo, video, audio, and online media productions) to create media content, and to explore how media affects politics, culture, and society. Prerequisite(s): None (3, Sp, EXP)

CPSC 1230 - Introduction to Scientific Computing

A breadth-first introduction to the ways computing has and continues to contribute to the body of reliable knowledge. Topics include the early uses of computers for numerical analysis and cracking encrypted codes, the ways computing has enhanced our personal productivity, and the ways current computer algorithms have advanced the discoveries in personalized medicine, computational economics, financial modeling, computer forensics, massively multiplayer online computer gaming, and many other high performance computing areas. This course also offers an introduction to the historical, social, and ethical context of computing with an overview of computer science as a discipline. No prior programming or computer science experience is required. This one-credit course is usually offered in the same semester as the two-credit CPSC 2230 course. Prerequisite(s): None **(1)**

CPSC 1710 - Computer Science I

Introduction to the fundamental concepts of programming. Topics include data types, control structures, functions, arrays, files, and the mechanics of the edit-compile-execute-debug cycle. This course also offers an introduction to the historical, social, and ethical context of computing and an overview of computer science as a discipline. No prior programming or computer science experience is required. Prerequisite(s): None **(3, Fa)**

CPSC 1720 - Introduction to Computer Science II

Introduction to the design of solutions to computer solvable problems with an emphasis on algorithm design and solution implementation using a high-level programming language. Topics include search and sort algorithms and introductory object-oriented design. Prerequisite(s): Completion of all developmental math courses and CPSC 1710. **(3, Sp)**

CPSC 1800 - Fundamentals of Information Systems

Introduction to systems theory, quality, decision making and the organizational role of information systems. Topics include information technology, computing and telecommunications systems, organization and information system growth, and re-engineering. Prerequisite(s): None **(3, Fa)**

CPSC 2005 - Advanced PC's and Software Applications

Hands-on instruction of advanced features of an integrated office suite such as Microsoft Office with projects and presentations related to using the software across many different domains. Prerequisite(s): CPSC 1005 and CPSC 1800. **(3, Sp)**

CPSC 2120 - Computer Organization and Architecture

Introduction to the organization and architecture of computer systems, beginning with the standard von Neumann model. Topics include digital logic, data representation, assembly language programming, memory systems, interfacing and communication, functional organization, and alternate architectures. Prerequisite(s): CPSC 1710 and MATH 1030 **(3, Sp)**

CPSC 2230 - Introduction to Computational Data Analysis

Introduction to the fundamental concepts of acquiring, cleaning, analyzing, and visualizing data using a computer. Topics include how data are collected, which software is useful for analyzing data, and effective ways to present data. During this course you'll learn to use software tools to analyze large and publicly available datasets. No prior programming or computer science experience is required. This two-credit course is usually offered in the same semester as the one-credit CPSC 1230 course. Prerequisite(s): Completion of all developmental math courses. **(2)**

CPSC 2730 - Data Structures

Builds on the foundation provided by the CPSC 1710-CPSC 1720 programming sequence. An introduction to the fundamental concepts of linear lists, strings, arrays, and orthogonal lists; graphs, trees, binary trees, multilinked structures, sort and search algorithms; applications; and the basics of algorithmic analysis. Prerequisite(s): CPSC 1720 and MATH 1030 (3, Fa)

CPSC 2740 - Software Development

Provides an intensive, implementation-oriented introduction to the software-development techniques used to create medium-scale interactive applications, focusing on the use of large object-oriented libraries to create well-designed graphical user interfaces. Topics include event-driven programming, application programming interfaces, human-computer interaction, as applied to the software development life cycle. Prerequisite(s): CPSC 2730 (3, Sp)

CPSC 2800 - Multimedia

Introduction to the world of computer science through the World-Wide Web focusing on the techniques of web-page creation. Topics include using software to create web pages and to manipulate graphics, video and sound. Prerequisite(s): None (3)

CPSC 2900 - Introduction to Bioinformatics Programming

This course is designed to introduce the most important and fundamental concepts, methods, and tools in bioinformatics programming using the scripting language, Perl. Students will be introduced to computational biology concepts and techniques including: the art of programming; rudimentary language syntax, control flow structures, and data structures (scalars, strings, arrays, hashes, etc); file handling; regular expressions; web CGI programming; Genbank, Protein Data Bank & Blast; and BioPERL. The objectives are for students to gain practical programming experience in this ever evolving interdisciplinary field and that they are able to use and develop the bioinformatics tools to exploit modern massive and aggregated biological data. Prerequisites: Completion of all developmental math requirements, a grade of "C" or better in CPSC 1710, or permission of the Computer Science Head. (3, EXP)

CPSC 3060 - Design and Analysis of Algorithms

Introduction to formal techniques to support the design and analysis of algorithms, focusing on both the underlying mathematical theory and the practical considerations of efficiency. Topics include asymptotic complexity bounds, techniques of analysis, algorithmic strategies, and an introduction to automata theory and its application to language translation. Prerequisite(s): CPSC 2730, MATH 1020, and MATH 2550 (3, Sp)

CPSC 3111 - Independent Study in Computer Science

Supervised individual computer science studies, research, and readings. No more than one registration permitted. Prerequisite(s): CPSC 2740 and permission of the Computer Science Head. 1

CPSC 3113 - Independent Study in Computer Science

Supervised individual computer science studies, research, and readings. No more than one registration permitted. Prerequisite(s): CPSC 2740 and permission of the Computer Science Head. 3

CPSC 3140 - Operating Systems

Introduction to the fundamentals of operating systems design and implementation. Topics include an overview of the components of an operating system, mutual exclusion and synchronization, implementation of processes, scheduling algorithms, memory management, and file systems. Prerequisite(s): CPSC 2120 and CPSC 2730 **(3, Fa)**

CPSC 3240 - Computer Networks

Introduction to digital transmission fundamentals, local area networks, network protocols, and common Internet applications. Prerequisite(s): CPSC 2740 and CPSC 3140 **(3)**

CPSC 3603 - Topics in Computer Science

Selected topics in computer science. May be repeated for credit. Prerequisite(s): CPSC 2740 and permission of the Computer Science Head. **(3)**

CPSC 3710 - Databases, Introduction to information models and systems

Topics include data modeling, relational databases, database query languages, relational database design, transaction processing, distributed databases, and physical database design. Prerequisite(s): CPSC 2730 **(3, Fa)**

CPSC 3900 - Computer Science Summer Internship

Prerequisite(s): Permission of the Computer Science Head. **(3, Su)**

CPSC 3999 - Junior-Level Qualifying Examination

Assessment of student learning at the junior-level of their curriculum. Prerequisite(s): Completion of all required CPSC 3000-level courses. **(0)**

CPSC 4301 - Computer Graphics

Investigates the principles, techniques, and tools that enable computer simulations and animations. Topics include graphics systems, fundamental techniques in graphics, graphical algorithms, principles of human-computer interaction, graphical user-interface design, graphical user-interface programming, computer animation, and multimedia (sound, video, and graphics) techniques. Prerequisite(s): CPSC 3060 and MATH 2030 **(3)**

CPSC 4304 - Artificial Intelligence

Introduction to the concepts and algorithms underlying the understanding and construction of intelligent systems. Topics include search and constraint satisfaction, knowledge representation and reasoning, advanced search, agents, machine learning, and planning systems. Prerequisite(s): CPSC 3060 and MATH 2030 **(3)**

CPSC 4370 - Data Mining

This course provides both theoretical and practical coverage of the widely used data mining methods. A focus will be placed on specific analytic and modeling techniques such as data preparation and pre-processing, association rule analysis, clustering, regression, classification, sequential pattern mining and model evaluation and selection. Theories underlying these techniques will be discussed and their application to practical scenarios will be illustrated. Contextualized projects are designed to help students gain hands-on experience in real-world knowledge discovery process. Prerequisite(s): CPSC 3060, CPSC 3710, and STAT 2020 **(3)**

CPSC 4410 - Programming Languages

Introduction to the theory and practice of programming language paradigms. Topics include an overview of programming languages, language design, virtual machines, language translation, lexical and syntactic analysis, models of execution, type systems, code generation, and optimization. Prerequisite(s): CPSC 2730 (3)

CPSC 4470 - Robotics and Intelligent Systems

Presents the theory and application of robotic and intelligent systems. Topics include solving problems that are difficult or impractical to solve with other methods, heuristic search and planning algorithms, sensing and machine learning techniques to control mobile robots. Prerequisites: CPSC 3060 and MATH 2030. (3)

CPSC 4800 - Capstone Project I

This design-specific course is the crowning point of an undergraduate curriculum. This course requires the design of a significant team project that integrates the many concepts and skills learned through the many Computer Science courses. Prerequisite(s): CPSC 2740 and all required 3000-level Computer Science courses. (1, Fa)

CPSC 4805 - Capstone Project II

This implementation-specific course is the crowning point of an undergraduate curriculum. This course requires the implementation of a significant team project that integrates the many concepts and skills learned in your computing courses. Prerequisite(s): CPSC 4800 Corequisite(s): CPSC 4999 and CPSC 4999P (2, Sp)

CPSC 4999 - Senior Comprehensives

Assessment of student learning pertaining to either their computer science curriculum or their computer information systems curriculum. Corequisite(s): CPSC 4805 (0, Sp)

CPSC 4999P - Senior Comprehensives Programming

Assessment of student learning pertaining to computer programming. Corequisite(s): CPSC 4805 (0, Sp)

Counseling

COUN 5000 - Research Methodology & Program Evaluation

This course will help students develop an understanding of research methods, statistical analysis, needs assessment, as well as discipline specific program evaluation. Prerequisites: None (3, Fa)

COUN 5005 - Foundations & Ethics of the Counseling Profession

This course addresses professional identity, credentialing, certification and licensure and focuses on the ethical rules and policies that govern the professional integrity of counselors and offers guidance for practice. The ACA Code and the AAMFT Principles are covered in this course. Prerequisites: None (3, Sp)

COUN 5010 - Counseling Theories

This course surveys the major concepts and practices in the contemporary therapeutic systems in relation to the history of counseling. Prerequisites: None **(3, Sp)**

COUN 5015 - Counseling Techniques

This is a counseling skills course, with a focus on tools and techniques used in counseling. Students will learn and practice the basic skills needed to be an effective counselor, and will discuss the theoretical rationale for the use of the various skills learned. Importance is placed on the mastery of fundamental concepts that enhance the development of basic counseling skills. Prerequisites: None **(3, Fa)**

COUN 5020 - Lifestyle and Career Development

The course is designed to provide an overview of the field of career development theory. It focuses on the life long process of career development, the source and systems of occupational and educational information, and career and leisure counseling processes. Prerequisites: None **(3, Sp)**

COUN 5025 - Human Growth and Development

This course will address the developmental phases of the entire life cycle of humans from conception to death. Emphasis will be placed on the importance of each phase in relation to normal growth and development and the practical implications for the professionally trained counselor. Prerequisites: None **(3, Fa)**

COUN 5030 - Substance Abuse and Addictions Counseling

This course focuses on understanding the pharmacological and behavioral effects of drugs and how these effects interact with the counseling process. Prerequisites: None **(3, Su even years)**

COUN 5035 - Clinical Perspectives in Human Sexuality

This course is designed to provide candidates with an understanding of human sexuality issues from physical, social, and emotional perspectives. It includes clinical assessment and intervention strategies for basic sexual issues that may be presented when counseling individuals and couples. Prerequisites: None **(3, Su odd years)**

COUN 5100 - Group Work in Counseling

This course focuses on the application of theories and practices in group counseling, providing theoretical knowledge of group counseling and specific skills in group leadership and membership. During this group class, students will participate as a member in group sessions lead by a trained group leader, and will co-lead group sessions. Prerequisites: COUN 5000, COUN 5005, COUN 5010 and COUN 5015. **(3, Fa)**

COUN 5105 - Appraisal & Assessment in Counseling

This course provides an understanding of individual, group, and systemic approaches to assessment and evaluation in a multicultural society. It includes an overview of theoretical bases for assessment techniques, psychometric statistics, diversity factors, and ethical factors in assessment and evaluation, as well as strategies for selecting, administering, and interpreting assessment and evaluation instruments. Prerequisites COUN 5000, COUN 5005, COUN 5010 and COUN 5015. **(3, Su)**

COUN 5110 - Psychopathology and Diagnosis

This course focuses on principles of the diagnostic process, including differential diagnosis, and the use of current diagnostic tools, such as the current edition of the Diagnostic and Statistical Manual of Mental Disorders (DSM). Prerequisites: COUN 5000, COUN 5005, COUN 5010 and COUN 5015. (3, Sp)

COUN 5115 - Family and Systems Counseling

This course provides an introduction to the theory and process of family counseling. Evolving viewpoints, perspectives, values, intervention techniques, and goals of family counseling are reviewed. Prerequisites: COUN 5000, COUN 5005, COUN 5010 and COUN 5015. (3, Fa)

COUN 5120 - Crisis, Trauma, Grief and Loss Counseling

This course is designed to provide candidates with an understanding of client issues relating to various types of crisis, trauma, grief and loss. It includes clinical assessment and intervention strategies when counseling individuals, couples and families impacted by crisis, trauma, grief or loss. Prerequisites: COUN 5000, COUN 5005, COUN 5010 and COUN 5015. (3, Sp)

COUN 5125 - Social & Cultural Diversity in Counseling

This course is a study of culturally different minority populations in the United States, and the application of counseling techniques and practices when working with diverse clients. Prerequisites: COUN 5000, COUN 5005, COUN 5010 and COUN 5015. (3, Sp)

COUN 5130 - Behavior Disorders of Children and Adolescents

This course will focus on the psychological, social, and environmental factors contributing to child and adolescent disorders, causes and treatment, methods of observing, diagnosing, documenting and interpreting disorders and the underlying dynamics of child and adolescent disorders. Prerequisites COUN 5010, COUN 5015, and COUN 5025 (or advisor approval). (3, Fa)

COUN 5135 - Introduction to Play Therapy

This course is designed to provide students with instruction in history, theories and applications of play therapy consistent with APT requirements for instruction in these areas, and as such, will provide 67.5 Continuing Education (CE) hours toward the Registered Play Therapist credential. Prerequisites: COUN 5010, COUN 5015, and COUN 5025 (or advisor approval). (3, Su odd years)

COUN 5140 - Advanced Play Therapy

This course is designed to provide students with advanced instruction in history, theories and applications of play therapy consistent with APT requirements for instruction in these areas, and as such, will provide 67.5 Continuing Education (CE) hours toward the Registered Play Therapist credential. Prerequisites: COUN 5010, COUN 5015, and COUN 5025 (or advisor approval). (3, Su even years)

COUN 5200 - Special Topics in Counseling

Students will be allowed to explore special topics in counseling in a seminar format. Prerequisite: consent of advisor. (3, Su)

COUN 5300 - School Counseling: Principles & Administration

This course prepares counseling candidates to design, develop, manage, and deliver comprehensive counseling services in PK-12 schools. Prerequisites: COUN 5000, COUN 5005, COUN 5010, COUN 5015, and Candidacy. **(3, Fa)**

COUN 5310 - Clinical Mental Health Counseling: Principles & Practices

This course focuses on strategies for counselors and specific skills that will enable individuals, families, groups and communities to take charge of their own lives and set their own direction, preventive education and life skills training, the specifics of helping vulnerable populations, developmental models, the clinical mental health helper as a change agent, the four-component clinical mental health counseling model and the management of diverse ideas and concepts. Prerequisites: COUN 5000, COUN 5005, COUN 5010, COUN 5015, and Candidacy. **(3, Sp)**

COUN 5320 - Marriage, Couple & Family Counseling: Principles & Practices

This course focuses on skills and strategies for marriage, couple and family counselors when working in family counseling agencies or private practice settings. Prerequisites: COUN 5000, COUN 5005, COUN 5010, COUN 5015, COUN 5115 and Candidacy. **(3, Su)**

COUN 5325 - Couples & Relationships Counseling

This course is designed to help those in training to recognize that the couple is a unique and distinct system different from the family, the individual, or the group and requires specific methods of assessment and treatment. Prerequisites: COUN 5115. **(3, Su even years)**

COUN 5400 - School Counseling Practicum

Students gain 100 clock hours of experience, 40 of which are direct client contact, in a supervised school setting. Students receive one hour a week of individual supervision from an approved on-site supervisor and attend a weekly group supervision class. Prerequisites: approved Clinical Field Placement application. **(3, Sp)**

COUN 5410 - Clinical Mental Health Counseling Practicum

Students gain 100 clock hours of experience, 40 of which are direct client contact, in a supervised clinical mental health agency setting. Students receive one hour a week of individual supervision from an approved on-site supervisor and attend a weekly group supervision class. Prerequisites: approved Clinical Field Placement application. **(3, Su)**

COUN 5500 - School Counseling Internship I

Course is designed to provide students with a comprehensive, field-based school counseling experience that will include clinical diagnosis, developing treatment plans, extensive counselor-client sessions, and follow-up of the client's progress. Lectures, seminars, and related graduate projects will be required when appropriate. This course must be taken with COUN 5820 in a continuous Fall-Spring sequence. Students gain 300 clock hours of experience, 120 of which are direct client contact, in a supervised K-12 school setting. Prerequisites: COUN 5400 **(3, Fa)**

COUN 5510 - Clinical Mental Health Counseling Internship I

Course is designed to provide students with a comprehensive, field-based clinical mental health agency counseling experience that will include clinical diagnosis, developing treatment plans, extensive counselor-client sessions, and follow-up of the client's progress. Lectures, seminars, and related graduate projects will be required when appropriate. This course must be taken with COUN 5821 in a continuous Fall-Spring sequence. Students gain 300 clock hours of

experience, 120 of which are direct client contact, in a supervised clinical mental health agency setting. Prerequisites: COUN 5410 (3, Fa)

COUN 5515 - Advanced Counseling Techniques

This is a clinical course integrating theoretical approaches with the practice of counseling. Prerequisites: concurrent enrollment with COUN 5500 or COUN 5510. (3, Fa)

COUN 5600 - School Counseling Internship II

This course is a continuation of COUN 5810, requiring an additional 300 clock hours of experience, 120 of which are direct client contact, in a supervised K-12 school setting. This course requires completion of a site-specific service learning project. Prerequisite: COUN 5500 (3, Sp)

COUN 5610 - Clinical Mental Health Counseling Internship II

This course is a continuation of COUN 5811, requiring an additional 300 clock hours of experience, 120 of which are direct client contact, in a supervised clinical mental health setting. This course requires completion of a site-specific service learning project. Prerequisite: COUN 5510 (3, Sp)

COUN 5700 - Thesis in Counseling

The thesis provides students an opportunity to develop an area of research interest in counseling by investigating current literature and conducting an empirical or qualitative study. Faculty/advisor approval is necessary for the thesis option. Because this course requires prior completion of EDGC 5070 Statistics, EDGC 5070 will be accepted as an approved elective upon successful completion of the thesis. Prerequisite: EDGC 5070 Statistics and advisor approval. (3)

COUN 5999M - Clinical Mental Health Counseling Comprehensive Examination

During their clinical field experience, all students must take and pass the national Counselor Preparation Comprehensive Examination (CPCE). Scheduled during Internship II, after passing the CPCE, each student must pass an oral clinical defense in clinical mental health counseling addressing: 1) professional orientation and ethical practice; 2) social and cultural diversity; 3) human growth and development; 4) career development; 5) helping relationships; 6) group work; 7) assessment; and 8) research and program development. (0)

COUN 5999S - School Counseling Comprehensive Examination

During their clinical field experience, all students must take and pass the national Counselor Preparation Comprehensive Examination (CPCE). Scheduled during Internship II, after passing the CPCE, each student must pass an oral clinical defense in school counseling addressing: 1) professional orientation and ethical practice; 2) social and cultural diversity; 3) human growth and development; 4) career development; 5) helping relationships; 6) group work; 7) assessment; and 8) research and program development. (0)

Creative Writing

CRWT 1050 - Introduction to Creative Writing

This introductory seminar introduces students to invention techniques and basic terms of the crafts of drama, fiction, poetry, and creative nonfiction. Students will produce original work, such as poems and scenes in fiction and script format. They will also learn basic workshop procedures. Successful completion of the course fulfills the College of Arts and Sciences' Core Curriculum fine arts requirement. **(3, FaSp)**

CRWT 2050 - Poetry Workshop

In this seminar, students learn to write and critique different forms of poetry and will learn a variety of poetic elements such as image, metaphor, rhythm, rhyme and alliteration. Through readings, students will become familiar with the work of contemporary poets such as Rita Dove, Charles Simic, and Michael S. Harper. Prerequisite: CRWT 1050 **(3)**

CRWT 2060 - Fiction Writing

Students explore basic elements of fiction such as characterization, narrative point of view, setting, and subtext in a genre-specific seminar. Employing their skills at writing, revising, and criticizing works of short fiction through their own creative endeavors and daily participation in the workshop, they will develop their own portfolios, while extending their familiarity with works of contemporary short fiction writers such as Z.Z. Packer, Charles Baxter, and Edward P. Jones. Prerequisite: CRWT 1050 **(3)**

CRWT 2070 - Creative Nonfiction

CRWT 2070 In this seminar, students will study and practice writing literary nonfiction. The course will cover description, point of view, characterization, dialogue, and other techniques. Students will read the works of contemporary nonfiction authors and, using the workshop method, critique the work of their peers. Prerequisite: CRWT 1050 **(3)**

CRWT 2080 - Dramatic Writing

Dramatic Writing teaches the basics of play and screen writing, including dramatic structure, character study, scene and sequence structure, techniques of visual narration, dialogue, adaptation, and the language of film. Students will become familiar with contemporary playwrights, screenwriters, and directors. Prerequisite: CRWT 1050 **(3)**

CRWT 2141 - Journal Practicum

(ENGL 2141) Students gain hands-on experience in publishing. Course is offered for credit on a pass/fail basis and may be repeated for credit. Prerequisite: ENGL 1020 or equivalent. **(1 FaSp, EXP)**

CRWT 2143 - Journal Practicum

(ENGL 2143) Students gain hands-on experience in publishing. Course is offered for credit on a pass/fail basis and may be repeated for credit. Prerequisite: ENGL 1020 or equivalent. **(3 FaSp, EXP)**

CRWT 3060 - Special Topics

These occasional classes are small seminars that allow students and instructors to explore focused areas of specialization within or overlapping the traditional genres. Topics might include "Style and Technique in Third World Writing," "Autobiography," "Style and Technique in African American Prose and Poetry," "Poetry and Performance," "Narrative Strategies in Novels," "Elements of Fiction," "Poetry Translation," "Literature and Film," "Oral History," "Credible Characterization," "Biography and Autobiography," and "Nature Writing." Prerequisite: a 2000-level Creative Writing course in a relevant genre. **(3)**

CRWT 3065 - Writing About Art - An introduction to ekphrastic writing: poetry and writing about the visual arts

(ART 3065, ENGL 3065) Overview of theories and methodologies. Prerequisites: ENGL 1010-ENGL 1020 (3,EXP)

CRWT 4050 - Seminar

Advanced seminars will include intensive reading, creative writing, and discussion. The course will also entail practice and studies of the form, craft, and theory of various genres. Possible topics include, "Women's Poetics - Ancient to Contemporary," "Multicultural Poetics," "Problems of Adaptation," "Poetry, Personae, and Author," "Literature and Translation," and "Political Poetry." Prerequisite: a 2000-level Creative Writing course in the relevant genre. (3)

CRWT 4060 - Creative Thesis

In this intensive course, the student will assemble a significant portfolio of creative work suitable for submission to graduate school admissions boards or to a publisher. The thesis will be directed by one faculty member and evaluated by a committee including the director and two other faculty members. Enrollment follows the development of a proposal outlining all matters concerning the texts to be studied, the frequency of meetings between student and director, the type of manuscript to be produced, including the names of the faculty members who agree to serve as readers. The proposal must be approved through consultation with the professor directing the thesis prior to the pre-registration period for the semester of study, and clearance from the director of the creative writing program. Prerequisite: completion of 5 CRWT classes, with a minimum 3.75 GPA in those classes. From the relevant genre(s), the student must have completed two sections from the 2000-level courses or one section from the 2000-level and one from the 3000-level courses. (3)

Curriculum and Instruction

EDCI 5040 - The Exceptional Child

Acquaints the graduate student with the various degrees of exceptionalities found among children from the slow learner to the gifted. Prerequisite(s): None (3, FaSu)

EDCI 5042 - Classroom Organization and Management

Techniques in handling adolescents, materials, and environment that would assure positive behavior and learning for the secondary classroom setting in the regular classroom. Prerequisite(s): None (3, Su)

EDCI 5051 - Methods and Materials for the Mildly/Moderately Disabled

Basic training in the development of materials and the selection of methods for the mildly/moderately disabled in the regular classroom, with specific attention to diagnostic/prescriptive suggestions. Prerequisite EDCI 5040 (3)

EDCI 5055 - Vocational and Transition Services

Organization and design of training programs to promote independence, vocational and community adjustment of persons with disabilities; curriculum materials, methods and organizational strategies for adolescent and adult learners, families and community service providers. Prerequisite EDCI 5040 (3, Sp)

EDCI 5060 - Multicultural Education

This course is designed with emphasis on the pluralistic aspect of our society as it relates to schools, teaching, and learning, and the development of curriculum considerations in all areas of education. Prerequisite(s): None **(3, Sp)**

EDCI 5130 - Foundations of Reading Instruction

A comprehensive overview of the cognitive, linguistic, and affective processes involved in reading and of methods, strategies, and materials of instruction. Prerequisite(s): None **(3, Fa)**

EDCI 5140 - Teaching Reading in the Content Area

A study of the processes involved in learning from textual material, and of practices and strategies which contribute to concept development and reading comprehension. Prerequisite(s): EDCI 5130 or consent of instructor. **(3, Sp)**

EDCI 5170 - Diagnostic/Prescriptive Reading Instruction

A study of diagnostic and remedial techniques in reading, with emphasis upon instructional design based upon the assessment of developing readers' strengths and instructional needs. Prerequisite(s): EDCI 5130 **(3, Sp)**

EDCI 5200 - Practicum in Reading

A course designed to offer the reading specialist a supervised practicum in the diagnosis and remediation of severe reading problems. Prerequisite(s): EDCI 5130 and EDCI 5170 **(3, Fa)**

EDCI 5210 - Clinical Practicum in Reading

A course designed to offer experiences in advanced remediation in a clinical setting. There will be a focus on on-going assessment and modification of teaching strategies in relation to student performance and the reporting of findings and recommendations to others. Prerequisite(s): EDCI 5130, EDCI 5170 and EDCI 5200. **(3, Sp)**

EDCI 5282 - Survey of Assessment

This course presents an overview of the assessment process in general education, including pre-referral strategies, screening, and assessment. Prerequisite(s): None **(3, Sp)**

EDCI 5340 - Elementary School Curriculum

A course designed to develop an understanding of the meaning of curriculum at the elementary level with emphasis on the role of the teacher and administrator in curriculum appraisal and development. Prerequisite(s): None **(3, Fa)**

EDCI 5380 - Secondary School Curriculum Trends

A study of the nature and functions of the curriculum, of the process involved in its development and of the implications of these at the secondary level. Prerequisite(s): None **(3, Fa)**

EDCI 5700 - Thesis Writing

Completion of a research paper with the assistance of the advisor and a thesis committee. The subject of the thesis should be chosen from the candidate's major field of interest and approved by the Graduate Council. An oral examination of the thesis is also required. Prerequisite(s): EDCI 5000 and EDCG 5010 **(3)**

EDCI 5810 - Special Topics in Literacy Education

A seminar in contemporary and controversial issues in reading, language arts instruction, writing, and language development. Prerequisite(s): Consent of Instructor (3, Su)

EDCI 5820 - Advanced Seminar in Children's Literature

A course designed to update teachers' knowledge of writers and illustrators of children's literature, to explore early adolescent literature, and to develop a sense of how children's literature fits into the larger framework of the family of literature. Prerequisite(s): None (3, Su)

EDCI 5900P - Methods of Teaching Students with Learning Disabilities

This course will incorporate the use of assessment as an integral part of teaching students with learning disabilities. The various types of assessments, steps of assessment, and generic teaching strategies will be employed. Prerequisite EDCI 5040 (3, Sp)

EDCI 5910P - Behavioral Approach to Managing the Mild/Moderate

This course is a basic study of the characteristics of children and youth with emotional or behavioral disorders and the management of these behaviors. Techniques for decreasing the behaviors are emphasized. Prerequisite EDCI 5040 (3, Fa)

EDCI 5999 - Comprehensive Examination in Curriculum and Instruction

Appropriate written test or Praxis examination related to the candidate's major area of study. (0)

Economics

ECON 1030 - Introduction to Economics

What economics is all about, supply and demand, consumer demand, production and supply decision, market structure, labor markets, the business cycle, aggregate supply and demand, money and banks, the monetary policy vs. the fiscal policy, international trade. Students having completed ECON 1030 may not earn credit for ECON 2010 or ECON 2020 without relinquishing ECON 1030 credit. Prerequisite(s): None Students having completed ECON 1030 may not earn credit for ECON 2010 or ECON 2020 without relinquishing ECON 1030 credit.(3, FaSpSu, EXP)

ECON 2010 - Principles of Micro Economics

Functioning of market system; supply and demand, theory of the consumer, production and cost theory of the firm; perfect vs. imperfect competition and government regulation. Students having completed ECON 1030 may not earn credit for ECON 2010 or ECON 2020 without relinquishing ECON 1030 credit. Prerequisite(s): None Students having completed ECON 1030 may not earn credit for ECON 2010 or ECON 2020 without relinquishing ECON 1030 credit. There is no mandatory sequence for taking ECON 2010 and ECON 2020. Students may take Principles of Macro Economics before Principles of Micro Economics(3, FaSp)

ECON 2020 - Principles of Macro Economics

Functioning of the market system. Measuring national income, measuring inflation (CPI) and unemployment, introduction to the basic macroeconomic model of the quantity theory of money, money supply growth and inflation, Keynesian theory of income, employment and the price level, the neoclassical synthesis, the macro economic impacts of monetary and fiscal policies. Students having completed ECON 1030 may not earn credit for ECON 2010 or ENGL 2020 without relinquishing ECON 1030 credit. Prerequisite(s): None Students having completed ECON 1030 may not earn credit for ECON 2010 or 2020 without relinquishing ECON 1030 credit. There is no mandatory sequence for taking ECON 2010 and ECON 2020. Students may take Principles of Macro Economics before Principles of cro Economics(**3, FaSp**)

ECON 2070 - Statistics I

Descriptive statistics, probability, discrete and probability distributions, sampling distributions, interval estimation, hypothesis testing, tests for goodness of fit and independence, regression analysis- simple and multiple, regression analysis and model building residual analysis and the Durbin-Watson test, and time series analysis. Students required to complete ECON 2070 may not earn divisional credit for other research methods or applied quantitative analysis courses without approval by the chairperson. Students may not receive credit for both MATH 2010 (STAT 1020) and ECON 2070. Prerequisite(s): MATH 1030 Students required to complete ECON 2070 may not earn divisional credit for other research methods or applied quantitative analysis courses without approval by the chairperson.(**3, Fa**)

ECON 2080 - Statistics II

Descriptive statistics, probability, discrete and probability distributions, sampling distributions, interval estimation, hypothesis testing, tests for goodness of fit and independence, regression analysis- simple and multiple, regression analysis and model building residual analysis and the Durbin-Watson test, and time series analysis. Mathematics Department majors may substitute MATH 1020 as the prerequisite for ECON 2080. Prerequisite(s): MATH 1030 Mathematics Department majors may substitute MATH 1020 as the prerequisite for ECON 2080.(**3, Sp**)

ECON 3010 - Monetary and Fiscal Policy

(FINC 3010) Valuation of stocks and bonds, financial institutions, the structure of the interest rates, definitions of money, bank reserves and the money supply, the Federal Reserve System and the tools of the monetary policy, the role of money in an economy, foundation of the monetarist philosophy, the Keynesian framework, the IS-LM system, role of fiscal policy in the economy, understanding foreign exchange, and balance of payments. Prerequisite(s): ECON 2010 and ECON 2020 (**3, Fa**)

ECON 3080 - Public Finance

(FINC 3080) Organization and administration of revenues and expenditures of all levels of government, provision of public goods, introduction to Public Choice theory. Prerequisite(s): ECON 2010 and ECON 2020 (**3**)

ECON 3091 - Economics of Black America

Application of economic theory to situations of African Americans; economic analysis of discrimination; black-white income differentials; human capital hypothesis; investigation of schemes aimed to improve economic status of African Americans. Prerequisite(s): ECON 2010 and ECON 2020 (**3**)

ECON 3200 - Managerial Economics

(FINC 3200) Use of Microeconomic methods as management decision making tools in order to assure the attainment of a firm's goals and objectives; use of case studies with microeconomic applications. Prerequisite(s): BSAD 3055 and ECON 2010 (**3**)

ECON 4050 - International Economics

The causes and effects of international trade, the gains from trade, Comparative Advantage, the Hecksher-Ohlin Theorem the determination of the terms of trade, the determination of income in the open economy, balance of payments, the international monetary system. Prerequisite(s): MGT 2060, SMKT 2050 and FINC 3050 (3)

ECON 4070 - Government and Business

Government regulation and the theory of the business enterprise system. Prerequisite(s): ECON 2010 (3)

Educational Leadership

EDLD 5000 - Visionary Leadership

This course addresses the dynamics of developing, articulating, implementing, and maintaining a vision. Students will learn the importance of a vision as it relates to the mission of the school as a community culture and the instructional practices that emerge as a byproduct of that culture. Prerequisite(s): None (3, Fa)

EDLD 5000I - Visionary Leadership Internship

Internship hours will be completed concurrently with course work using the modular format. Prerequisite(s): Concurrent enrollment with EDLD 5000 or permission of advisor and instructor. (1, Fa)

EDLD 5015 - Collaborative Leadership

This course addresses the dynamics of having the knowledge and ability to promote the success of all students by collaborating with families and other community members, responding to diverse community interests and needs, and mobilizing community resources. Prerequisite(s): None (3, Sp)

EDLD 5015I - Collaborative Leadership Internship

Internship hours will be completed concurrently with course work using the modular format. Prerequisite(s): Concurrent enrollment with EDLD 5015 or permission of advisor and instructor. (1, Sp)

EDLD 5020 - Supervision of Instruction and Assessment

This course is designed to provide the candidates a forum for the review, discussion, and reflection of supervising the successful implementation of effective instructional practices in diverse school settings. A major goal of the course is to examine the approaches and application of supervisory models that are aligned with best practices, reflective assessment, and the ongoing improvement of student achievement. Prerequisite(s): EDAD 5020, EDLD 5020I, EDLD 5015, EDLD 5015I, EDLD 5060, EDLD 5060I, EDLD 5540, EDLD 5540I, EDLD 5000, EDLD 5000I (3, Fa)

EDLD 5020I - Supervision of Instruction and Assessment Internship

Internship hours will be completed concurrently with course work using the modular format. Prerequisite(s): Concurrent enrollment with EDLD 5020 or permission of advisor and instructor. (1, Fa)

EDLD 5040 - Organizational Leadership

This course is designed to provide the candidate with experiences to develop a working knowledge of organizational dynamics and effective leadership of the educational enterprise that incorporates reflective practice. The investigation of organizational behavior in terms of organizational models and theories, the human dimension of organizations and organizational change as related to educational reform. Prerequisite(s): EDLD 5020I, EDLD 5015I, EDLD 5040I, EDLD 5060I, EDLD 5540I, EDLD 5000I, EDLD 5570I, EDAD 5580/I, EDCG 5010, EDCG 5070. **(3, Sp)**

EDLD 5040I - Organizational Leadership Internship

Internship hours will be completed concurrently with course work using the modular format. Prerequisite(s): Concurrent enrollment with EDLD 5040 or permission of advisor and instructor. **(1, Sp)**

EDLD 5060 - Curriculum Progression

The study of current trends in K-12 curriculum design, methods for researching best practice instructional programs, and a diverse range of alternative patterns upon which teachers may model best practices to show a relationship between process and student outcome are emphasized. The course will provide a description of how an innovatively designed curriculum can be used for classroom management AND meaningful learning. Prerequisite(s): EDLD 5000, EDLD 5000I, EDLD 5015, EDLD 5015I. **(3, Su)**

EDLD 5060I - Curriculum Progression Internship

Internship hours will be completed concurrently with course work using the modular format. Prerequisite(s): Concurrent enrollment with EDLD 5060 or permission of advisor and instructor. **(1, Su)**

EDLD 5540 - Educational Law

The legal aspects of education, with special emphasis on Louisiana school law and collective bargaining are studied to provide the candidates with the fundamental principles of educational law. Ongoing federal and state laws related to current practices in education will be addressed. Prerequisite(s): EDLD 5000, EDLD 5000I, EDLD 5015, EDLD 5015I. **(3, Su)**

EDLD 5540I - Educational Law Internship

Internship hours will be completed concurrently with course work using the modular format. Prerequisite(s): Concurrent enrollment with EDLD 5540 or permission of advisor and instructor. **(1, Su)**

EDLD 5570 - Management of School Personnel and Finance

This course will provide the candidates with experiences to develop a working knowledge of the personnel management functions of the educational leader by applying best practices in educational management and by studying how schools and school systems are funded and operated fiscally. Prerequisite(s): EDLD 5020, EDLD 5020I, EDLD 5015, EDLD 5015I, EDLD 5060, EDLD 5060I, EDLD 5540, EDLD 5540I, EDLD 5000, EDLD 5000I. **(3, Sp)**

EDLD 5570I - Management of School Personnel and Finance Internship

Internship hours will be completed concurrently with course work using the modular format. Prerequisite(s): Concurrent enrollment with EDLD 5570 or permission of advisor and instructor. **(1, Sp)**

EDLD 5580 - Capstone Seminar for Educational Leaders

This is the culminating course for the educational leadership program. It is designed to provide candidates with practical application of researched best practices to help change or sustain a school's success with student achievement. This seminar will integrate theory and experience demonstrating the candidates understanding of what was taught in the previous courses of how children learn best on a daily basis. Prerequisite(s): At least a cumulative "B" average for the following courses: EDLD 5020I, EDLD 5015I, EDLD 5040I, EDLD 5060I, EDLD 5540I, EDLD 5000I, EDLD 5570I, EDAD 5580/I, EDCG 5010, EDCG 5070. (2, Sp)

EDLD 5999 - Comprehensive Examination in Educational Leadership

Passing score on the Praxis School Leadership Exam. (0)

EDLD 6000 - Advanced Visionary Leadership

This course addresses developing vision that relates to the mission and culture of an organization. Candidates are introduced to various techniques that can be used to involve all stakeholders to develop, articulate, implement and maintain the vision of the organization. Theoretical approaches will be applied to case studies to integrate theory with practice. *Prerequisite: None (3, Fa - 1)*

EDLD 6002 - Current Problems & Issues in Educational Leadership

(LSTS 6000) This course introduces candidates to techniques to build an effective turnaround leadership team. Determining the appropriate data system, a comprehensive personnel evaluation protocol that utilizes both informal and formal evaluation, utilizing reflection to inform ones practice and developing a strategic management system to implement instructional initiatives will be discussed during this initial course in the program. Case studies will be discussed in class and online to help the participants to plan their programs. *Prerequisite: None (3, Fa - 1)*

EDLD 6008 - Leadership Theory and Behavior

This course focuses on the theories of leadership and the behavioral styles of the leader. Trait, contingency, situational, behavioral, management, participative, distributive, spiritual, synergistic, and transformational leadership theories will be examined and compared. *Prerequisite: None (3, Fa - 1)*

EDLD 6010 - Long Range Planning and Data Analysis

This course emphasizes strategic planning, visioning, goal setting, using data for programmatic improvements and the techniques of decision making. Utilizing the urban school context as the backdrop, participants will analyze case studies and data sets of urban school settings to investigate problems related to the planning, delivery, and evaluation of decisions impacting the turnaround process. (3, Sp-1)

EDLD 6012 - Advanced Educational Law

This course will investigate the legal aspects of education in a global society. Although the focus will be on educational law in the United States, educational law in other countries will also be studied. Candidates will be required to do a case study analysis to compare educational law in the US to other countries. *Prerequisite: EDLD 6000. (3, Su-1)*

EDLD 6014 - Education in the Urban Community

This course will explore definitions of urban education and the issues and challenges of schools within urban communities. Public, private, parochial, and independent schools will provide a broad analysis of educational

settings. Institutional and social conditions that challenge urban schools will be explored in order to define barriers and determine strategies for change and transformation of urban education. *Prerequisite: None (3, Su - 2)*

EDLD 6020 - Management

This course will explore the differences between leadership and management. It will provide participants with the necessary tools to facilitate change, create high performing work teams, and nurture the turnaround process. Participants will use the case study method to learn how to develop and manage a team to its full potential. **(3, Fa-2)**

EDLD 6030 - Leading a Professional Learning Community

This course focuses on the leader's role in promoting faculty and staff education and improvement in a climate of high expectations, mutual respect, and support. The supervision and staff development strategies are grounded in adult learning theory and best practices in teaching. Participants will develop a plan that provides professional development opportunities that identify obstacles and examine priorities to develop a cycle of continuous learning and self-improvement for faculty and staff. *Prerequisite: EDLD 6002 (3, Sp-1)*

EDLD 6040 - The Urban School: Leading to Promote Learning in a Diverse Setting

Course discussions will examine learning, teaching, and scholastic development from a socio-cultural theoretical perspective that includes situated learning theory and activity theory. It examines learning achievement and social development of children and youth in culturally, linguistically, and ethnically diverse educational settings. The theme of the course is that people learn, achieve, and develop as participants in cultural communities. Throughout the course, students' work will be expected to manifest sensitivity to issues of diversity in a pluralistic society. *Prerequisite: EDLD 6002 (3, Sp-2)*

EDLD 6050 - Organizational Behavior and Human Resource Management

This course will teach participants the "people" side of the business of leading a school. Participants will apply knowledge about how people, individuals, and groups act in organizations by taking a system approach. Understanding the roles of organizational behavior and how to effectively manage human resources in sustaining change will be discussed. *Prerequisite: EDLD 6002 (3, Fa-2)*

EDLD 6060 - Current Issues in Special Education Leadership

This course is a critical study of the contemporary and controversial issues within the field of special education leadership. Candidates will be introduced to the philosophical, psychological, and sociological basis of teacher education, including an analytical review of research-based curricula, programmatic innovations, policy issues and their effects, and ethical practices. Discussions will focus on evidence-based core concepts that contribute to effective program planning and future implications for the advancement of special education issues in schools. *Prerequisite: EDLD 6012 (3, Sp - 2)*

EDLD 6991 - Dissertation

Prerequisites: EDLD 6000, EDLD 6002, EDLD 6008, EDLD 6010, EDLD 6012, EDLD 6014, EDLD 6020, EDLD 6030, EDLD 6040, EDLD 6050, EDLD 6060, EDCG 6000, EDCG 6010, EDCG 6012, EDCG 6014, and EDCG 6018 (1)

EDLD 6992 - Dissertation

Prerequisites: EDLD 6000, EDLD 6002, EDLD 6008, EDLD 6010, EDLD 6012, EDLD 6014, EDLD 6020, EDLD 6030, EDLD 6040, EDLD 6050, EDLD 6060, EDCG 6000, EDCG 6010, EDCG 6012, EDCG 6014, and EDCG 6018 (2)

EDLD 6993 - Dissertation

Prerequisites: EDLD 6000, EDLD 6002, EDLD 6008, EDLD 6010, EDLD 6012, EDLD 6014, EDLD 6020, EDLD 6030, EDLD 6040, EDLD 6050, EDLD 6060, EDCG 6000, EDCG 6010, EDCG 6012, EDCG 6014, and EDCG 6018 (3, Fa-3 and Sp-3)

EDLD 6999O - Oral Qualifying Exam

Prerequisites: EDLD 6000, EDLD 6002, EDLD 6008, EDLD 6010, EDLD 6012, EDLD 6014, EDLD 6020, EDLD 6030, EDLD 6040, EDLD 6050, EDLD 6060, EDCG 6000, EDCG 6010, EDCG 6012, EDCG 6014, EDCG 6018 (P or F)

EDLD 6999W - Written Qualifying Exam

Prerequisites: EDLD 6000, EDLD 6002, EDLD 6008, EDLD 6010, EDLD 6012, EDLD 6014, EDLD 6020, EDLD 6030, EDLD 6040, EDLD 6050, EDLD 6060, EDCG 6000, EDCG 6010, EDCG 6012, EDCG 6014, EDCG 6018 (P or F)

Elementary Education

EDEL 2100 - Methods of Teaching Elementary School

At the end of this course, the student will be able to effectively plan and implement lessons for the elementary classroom. Emphasis will be given to the contents of language arts, social studies, mathematics, and science. The student will learn how to implement the prevailing trends in pedagogy while studying the national standards and local frameworks. Prerequisite(s): None **(3, Fa)**

EDEL 3050A - Methods and Materials in the Teaching of Reading

At the completion of this course, the student will be able to develop and implement a comprehensive classroom reading program. A balanced literacy approach that focuses on the five core components of reading: phonemic awareness, phonics, fluency, vocabulary, and comprehension is emphasized. Prerequisite(s): Admitted into TEP **(3, Fa)**

EDEL 3050B - Methods and Materials in the Teaching of Reading

At the completion of this course, the student will be able to develop and implement a comprehensive classroom reading program. A balanced literacy approach that focuses on the five core components of reading: phonemic awareness, phonics, fluency, vocabulary, and comprehension is emphasized. Prerequisite(s): Admitted into TEP **(3, Sp)**

EDEL 3071 - Curriculum Applications I

At the completion of this course, the student will be able to use instructional methods, materials, and media specific to the elementary and middle school pre-service teacher. Course focus will include the integrated language arts and effective ways of teaching social studies. Prerequisite(s): Admitted into TEP **(3, Fa)**

EDEL 3081 - Curriculum Applications II

At the completion of this course, the student will be able to use instructional methods, materials, and media specific to the elementary and middle school pre-service teacher. Course focus will include effective strategies for teaching of mathematics and science. Prerequisite(s): Admitted into TEP (3, Sp)

Engineering

ENGR 1000 - Introduction to Engineering

An introduction to the field of engineering, with an emphasis on the characteristics, methodology, and obligations of professional engineers. The breadth and unifying qualities of the field are described using historical references and guest lectures by practicing engineers. The characteristics of professional engineers are discussed in terms of the education, training, and apprenticeship required to become a licensed engineer. The engineering methodology, unifying all engineering disciplines and differentiating it from the sciences, is described using modern examples and first hand accounts. The ethical responsibilities of professional engineers will be heavily emphasized throughout. Corequisite: ENGL 1010 (1, Fa, EXP)

ENGR 1061 - Modern Engineering Graphics

An introduction to the basic techniques of computer-aided engineering design including plane and descriptive geometry orthographic, isometric, sectional views, auxiliary views, and dimensional representations, and generating 2D computer designs. One hour of lecture and four hours of drawing and computer laboratory per week. (3, Fa)

ENGR 1100 - Introduction to Engineering Design

An introduction to engineering design and methodology, with an emphasis on effective teamwork and systematic problem solving. Students will work within assigned groups on a series of design projects with limited guidance by the instructor. Each project of increasing challenges will require the systematic approach of defining the goal, formulating specific solutions, and producing the combined solution which will be described in a report and a presentation. Corequisites: ENGL 1010 and MATH 1030 (2, Sp, EXP)

ENGR 2020 - Mechanics-Dynamics

(PHYS 3020) Systematic presentation of elements of classical mechanics using vector algebra and vector calculus. Topics include kinematics, kinetics, work, energy, impulse, and momentum. Prerequisites: PHYS 2530 and MATH 2080 (3, Fa)

ENGR 2120 - Circuits I

(PHYS 3120) An introduction to the analysis of linear, time-invariant circuits in response to steady-state and time-varying signals using various analytical tools including Kirchhoff's laws, and Thevenin's and Norton's theorems. Prerequisites: PHYS 2530 and PHYS 2630 and MATH 2030 (3, Fa)

ENGR 2210 - Mechanics-Statics

(PHYS 3210) Analysis of systems and bodies considering the fundamental concepts of statics, including vectors, two-dimensional and three-dimensional force systems, equilibrium, friction, centroids, and moments of inertia. Prerequisites: PHYS 2530 and MATH 2080 (3, Fa)

ENGR 2630 - Analytical Methods for Physics and Engineering

(PHYS 2630) An introduction to mathematical methods used in physics and engineering such as vector and tensor analysis, Fourier analysis techniques, phasors, special functions, variation subject to constraints, and elementary renormalization group techniques. The topics are introduced in the context of specific physics and engineering problems in electricity and magnetism, network analysis, modern physics, thermodynamics and mechanics.

Prerequisites: PHYS 2530 and MATH 2080 **(3, Fa)**

ENGR 3010 - Electricity and Magnetism I

(PHYS 3010) The development of electromagnetic theory beginning with the fundamental laws of electricity and magnetism, developing Maxwell's equations, and ending with plane electromagnetic waves. Prerequisites: PHYS 2530, PHYS 2630, MATH 2030, and MATH 2080 **(3, Fa)**

ENGR 3030 - Optics

(PHYS 3030) Study of the theories of geometrical and physical optics, including reflection, refraction, interference, diffraction, polarization, double-refraction, and lasers. Prerequisites: PHYS 2530 or PHYS 2020 and MATH 2070 **(3, Fa)**

ENGR 3040 - Thermodynamics

(PHYS 3040) Study of heat and temperature, the thermodynamics laws, work, ideal gases, engines, refrigeration, reversibility, entropy, phase transitions. Prerequisites: PHYS 2530 or PHYS 2020 **(3, Sp)**

English

Prerequisites for English courses:

Completion of a 1000-level sequence for the 2000-level

Completion of a 2000-level course for the 3000-level

Completion of a 2000-level course and one 3000-level course for the 4000-level

All English courses enhance students' skills in writing and critical thinking. In addition, these courses will specifically reinforce the College of Arts and Sciences' Core Curriculum's objectives of introducing students to the common elements of the human heritage and assisting students to develop a system of values.

THE FRESHMAN ENGLISH SEQUENCE (ENGL 1000/1010-1020 OR 1023H-2011H IS A PREREQUISITE FOR ALL COURSES NUMBERED 2020 OR ABOVE.

ENGL 0990 - Preparatory English

A course which introduces students to college writing and revision. Includes individual tutorials in the Writing Center. Placement is determined by ACT and/or SAT scores. **(3 hours non-degree credit, FaSp)**

ENGL 1000 - Intensive English Composition and Rhetoric

An intensive course in college writing in which students write in different patterns of organization for various audiences and purposes, including research. Four class meetings a week in addition to individual tutorials in the Writing Resource Center. Placement is determined by ACT, SAT, and/or COMPASS scores. **(3 hours) FaSpSu**

ENGL 1010 - English Composition and Rhetoric

A course in college writing in which students write in different patterns of organization for various audiences and purposes, including research. Placement is determined by ACT, SAT, and/or COMPASS scores. **(3, FaSpSu)**

ENGL 1020 - English Composition and Literature

A course in college writing in which students use different patterns of organization, including research, to respond to literary texts. Prerequisite: ENGL 1000 or ENGL 1010 **(3) (FaSpSu)**

ENGL 1023H - Introduction to Literature for Honors Students

A course in college writing in which students learn different approaches to comprehending and analyzing literary texts and develop skills specific to writing about literature, including research. Placement is determined by ACT scores, SAT scores, advanced placement, and/or permission of the English Department head. **(3, FaSp)**

ENGL 2010 - Introduction to World Literature I

A critical examination of significant works of literature from ancient Mesopotamia through the early modern period, including both Western and non-Western works. Prerequisite: ENGL 1020 **(3, FaSpSu, EXP)**

ENGL 2011H - Introduction to World Literature for Honors Students

A critical examination of significant works of literature from ancient Mesopotamia through the early modern period, including both Western and non-Western works, for selected students. Prerequisite: ENGL 1023H (or see discussion of AP credit under Honors in English) **(3, Sp)**

ENGL 2020 - Introduction to World Literature II

A critical examination of significant works of Western and non-Western literature from the eighteenth century through the postmodern period. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H **(3, FaSp, EXP)**

ENGL 2070 - Survey of British Literature I

An examination of significant literary works by British writers from the Middle Ages through the Restoration and the Eighteenth Century in their historical and linguistic contexts. This course also serves as an introduction to undergraduate literary studies: critical terms and approaches, research methods, and the history of the discipline. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H **(3, Fa, EXP)**

ENGL 2080 - Survey of British Literature II

A Study of British literature from 1800 to the present. In addition, this course continues the introduction to undergraduate literary studies begun in ENGL 2070. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H **(3, Sp, EXP)**

ENGL 2141 - Journal Practicum

(CRWT 2141) Students gain hands-on experience in publishing. Course is offered for credit on a pass/fail basis and may be repeated for credit. Prerequisite: ENGL 1000/1010-1020 or 1023H-2011H (1 FaSp, EXP)

ENGL 2143 - Journal Practicum

(CRWT 2143) Students gain hands-on experience in publishing. Course is offered for credit on a pass/fail basis and may be repeated for credit. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3 FaSp, EXP)

ENGL 2200 - Modern English Grammars

PRWT 2200 This course is designed to give students some theoretical understanding of English syntax as well as the uses of Edited American English. Students will learn to manipulate their use of language at the sentence level for specific purposes and audiences, to edit their own writing confidently, and to analyze written texts. Other outcomes will enable students to understand some learners' difficulty with grammar, to look beyond their surface errors, and to understand the difficulties ESL students have with English grammar. Throughout the course, students will read and analyze student and professional writing. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3001 - Special Topics

Some topics considered for this course include "Law and Literature," "Science Writing," "Gothic Literature," "Hemingway, Fitzgerald, Faulkner," "Africa in Film," and "The Black Hero in Film." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (1, FaSp)

ENGL 3002 - Special Topics

Some topics considered for this course include "Law and Literature," "Science Writing," "Gothic Literature," "Hemingway, Fitzgerald, Faulkner," "Africa in Film," and "The Black Hero in Film." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (2, FaSp)

ENGL 3003 - Special Topics

Some topics considered for this course include "Law and Literature," "Science Writing," "Gothic Literature," "Hemingway, Fitzgerald, Faulkner," "Africa in Film," and "The Black Hero in Film." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3, FaSp)

ENGL 3004 - Special Topics

Some topics considered for this course include "Law and Literature," "Science Writing," "Gothic Literature," "Hemingway, Fitzgerald, Faulkner," "Africa in Film," and "The Black Hero in Film." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (4, FaSp)

ENGL 3010 - Medieval Literature

A study of English literature from the Anglo-Saxon and Middle English periods. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H and ENGL 2070 (3)

ENGL 3021 - Early Modern Literature

A study of early modern prose, poetry and drama (excluding Shakespeare). Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H and ENGL 2070 (3)

ENGL 3040 - Shakespeare at the Globe

A study of Shakespeare's plays in their early modern contexts. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3050 - Shakespeare in Adaptation

A study of the adaptation, appropriation, and reception of Shakespeare's plays from the eighteenth to the twenty-first century. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3, EXP)

ENGL 3065 - Writing About Art - An introduction to ekphrastic writing: poetry and writing about the visual arts

(ART 3065, CRWT 3065) Overview of theories and methodologies. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3,EXP)

ENGL 3070 - Restoration and Eighteenth Century Literature

A study of the major imaginative literature from 1660 to 1800. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H and ENGL 2070 (3)

ENGL 3125 - Twentieth-Century Women Writers

(WMST 3125) A study of literature and feminist theory by women writers from approximately 1900 to the present. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3135 - Language: History and Theory

This course is an introduction to linguistic concepts including morphology, syntax, semantics/pragmatics, language history, language acquisition, language and the brain, and language and society. Examples of these concepts will come from the English language: its history, development, and variations. The goal of this course is to orient secondary education pre-service teachers in the different areas and aspects of the English language. Emphasis is on understanding language variety, production, and change. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3150 - Advanced Writing

Practice in critical, scholarly, and expository writing, with emphasis on writing within the discipline of English. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3160 - Survey of American Literature I

A multicultural study of the major movements, authors, and texts of American literature from the pre-colonial era through the Civil War. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3, Fa, EXP)

ENGL 3170 - Survey of American Literature II

A multicultural study of the major movements, authors, and texts of American literature from the Civil War to the postmodern era. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3, Sp, EXP)

ENGL 3175 - Survey of African Literature

(AADS 3175) Introduction to African folklore, poetry, fiction, and drama. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3185 - Special Topics in African American Literature

Genres studied in this course include drama, poetry, and fiction. Major topics (such as the Harlem Renaissance, the Slave Narrative, Toni Morrison) to be announced. This course may be repeated for credit as often as a different topic is available. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3210 - Romantic Literature

A study of Romantic literature, 1800-1832. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H and ENGL 2080 (3)

ENGL 3221 - Victorian and Early Twentieth-Century Literature

A study of Victorian prose, poetry, and/or fiction. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H and ENGL 2080 (3)

ENGL 3270 - British Literature of the Twentieth and Twenty-First Centuries

A study of British and postcolonial poetry, prose, drama, and/or fiction from the 1920s to the present. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H and ENGL 2080 (3)

ENGL 3275 - The Postcolonial Novel

Introduces postcolonial theory and novels from 1960 to the present, representing areas such as the Caribbean, Latin America, Africa, the Middle East, India, Asia, and Oceania. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3280 - Survey of African American Writers of the Eighteenth and Nineteenth Centuries

(AADS 3280) A study of African American texts from the eighteenth century to the Harlem Renaissance in their historical, cultural and literary contexts. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3290 - Survey of African American Writers of the Twentieth and Twenty-first Centuries

(AADS 3290) A study of African American literary texts from the Harlem Renaissance to the contemporary period. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3310 - Rhetoric, Composition, and the Teaching of Writing

This course is intended to introduce students to the theory and practice of rhetoric and composition with the intent of preparing them to become teachers of writing. Students will be introduced to the history of rhetoric, theories of composition, and current models for teaching writing. Students will create mini-lessons to be practiced in class. Students are also required to perform 15 hours of observations (combined with some instructional opportunities) in middle and/or secondary schools. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3320 - Critical Approaches to Teaching Literature

Focusing on the pedagogy of literature in an integrated curriculum, this course investigates the reading process and different reading models. It examines different approaches to reading verbal and non-verbal texts and to teaching adult and young adult literature within the context of contemporary literary theory. Students are required to perform 15 hours of observations (combined with some instructional opportunities) in middle and/or secondary schools. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 3400 - Critical Theory

A study of interpretive strategies and theoretical assumptions of various approaches to literary criticism. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3, Sp)

ENGL 3500 - The Theology of Flannery O'Connor

(THEO 3500) This course is an intensive study of the theological concepts found in the writings of American fiction writer Flannery O'Connor. In addition, students will consider the works purely as literature, therefore reinforcing skills learned in other literature courses. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H and ENGL 2010 (3, EXP)

ENGL 4000H - Directed Studies

Concentrated study of major figures and ideas in a selected period. Open to selected students only. Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 4010S - British Literature Seminar

Intensive study of major figures and ideas in a selected period of British and/or postcolonial literature. Recent topics included "Irish Identities" and "Women and Work in the 1890s." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 4020S - American Literature Seminar

Intensive study of major figures and ideas in a select period of American Literature. Recent topics included "Regionalism in American Literature", and "Henry James: Novel into Film." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 4030S - Poetry Seminar

An intensive study in American, British, or world literature. Recent topics have included "Women Poets" and "Modern Poetry." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3, EXP)

ENGL 4040S - Drama Seminar

A concentrated study of British, American, and European drama with emphasis on critical reading and analysis of major works. Topics have included "Self Against Society on the Continental Stage" and "Contemporary British Drama." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 4050S - Comparative Literature Seminar

A critical study of the forms and themes of the major foreign literature in translation. Topics have included "Global Haiku," "The Image of Woman in Nineteenth-Century Literature," and "Reading and Writing the Other (Third and First World Literatures Juxtaposed)." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 4060S - African American and African Diaspora Literature Seminar

Intensive study of major figures, periods, and genres in African American literature and literature of the African Diaspora. Topics have included "African Diaspora Literature," "The Black Arts Movement," "Women Writers of the African Diaspora," "Caribbean Women Writers," and "The Literature or Negritude." Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (3)

ENGL 4500 - Senior Thesis

In this intensive course, the student will research, draft, and revise a major scholarly essay. The thesis will be directed by one faculty member and evaluated by a committee including the director and two other faculty members. Enrollment follows the selection of a research topic and the development of a proposal with bibliography to be approved by the thesis director and department head. The proposal must be approved by the thesis director and the department head prior to the registration period for the semester of study. Prerequisite: 24 semester hours in English with a 3.5 or better English GPA; and permission of the Department Head. (3, Fa)

ENGL 4999 - Senior Comprehensives

Prerequisite: ENGL 1000/ENGL 1010-ENGL 1020 or ENGL 1023H-ENGL 2011H (0)

Entrepreneurship

ENTR 1020 - Introduction to Entrepreneurship

Exposes students to the knowledge and skills required to be a successful entrepreneur. Topics include: idea generation, challenges of entrepreneurship, marketing and financial concerns, and management issues. Students will have the opportunity to interact with local entrepreneurs and to complete a feasibility study. Membership in SIFE is required. Prerequisite(s): None (3, Fa, EXP)

ENTR 3021 - Financial Management for Entrepreneurs

This course introduces the student to various aspects of financing an entrepreneurial venture. Included topics are: attracting seed and growth capital from sources such as venture capital, investment banking, government, commercial banks, and credit unions. Among the issues discussed are capital budgeting decision making techniques, financial analysis, cost of capital, and the time value of money. Prerequisite(s): None (3)

ENTR 3780 - Organization and Operation of a Small Business

An examination of methods that investigate the complexity of management practices in general entrepreneurship with a perspective that can explore the marketplace for successful venture opportunities. Strong emphasis is given to learning the skill factors related to planning, marketing, managing, and financing small business ventures. A two- to five-member team will develop a comprehensive consulting report including a full business plan. Membership in SIFE is required. Prerequisite(s): ENTR 1020. Open to juniors and seniors only or permission of the instructor. **(3, Fa)**

Finance

FINC 1070 - Personal Finance

Basics of budgeting and consumer purchases; evaluation of costs and benefits of housing and transportation; tax planning; comparison of investment and insurance choices; retirement and estate planning. May not be used as a Finance concentration elective Prerequisite(s): None May not be used as a Finance concentration elective **(3, FaSp, EXP)**

FINC 3010 - Monetary and Fiscal Policy

(ECON 3010) Valuation of stocks and bonds, financial institutions, the structure of the interest rates, definitions of money, bank reserves and the money supply, the Federal Reserve System and the tools of the monetary policy, the role of money in an economy, foundation of the monetarist philosophy, the Keynesian framework, the IS-LM system, role of fiscal policy in the economy, understanding foreign exchange, and balance of payments. Prerequisite(s): ECON 2010 and ECON 2020 **(3, Fa)**

FINC 3050 - Corporate Finance

An introduction to the theories and applications of financial decision-making and effects towards valuation. Topics include time value of money, valuation methodologies, capital budgeting, and forecasting. Prerequisite(s): ECON 2010 or ECON 2020; ACCT 1020 **(3, FaSp)**

FINC 3060 - International Financial Management

Study of the management of the financial resources of the multinational firm; focuses on the international business environment and financial decision-making in an international context. Prerequisite(s): FINC 3050 **(3)**

FINC 3070 - Financial Institution Operations and Management

An examination of the role of commercial banking and other financial intermediaries in the economy with applied analysis of bank operations and management; including bank capital structure, the deposit and lending functions, financial institution portfolio management, and other decisions that affect value to the financial institution. Prerequisite(s): FINC 3050 **(3)**

FINC 3080 - Public Finance

(ECON 3080) Organization and administration of revenues and expenditures of all levels of government, provision of public goods, introduction to Public Choice theory. Prerequisite(s): ECON 2010 and ECON 2020 **(3)**

FINC 3110 - Principles of Real Estate

This course examines the principles of purchasing, owning, and managing real estate. Topics include valuation and financing of commercial, industrial, and residential properties; supply and demand factors influencing real estate; historic properties; and real estate development. Prerequisite(s): None **(3)**

FINC 3130 - Principles of Insurance

This course presents an overview to principles of risk management and the various fields of insurance, including Life, Health, Property & Casualty, Automobile, and Social Insurance programs. Prerequisite(s): FINC 3050 **(3)**

FINC 3160 - Advanced Financial Management

Analysis of decision-making techniques using quantitative tools and computer applications. Students gain insights into financial strategies and decisions using case studies. Topics include financial planning, working capital management, dividend policy, and mergers and acquisitions. Prerequisite(s): FINC 3050 **(3)**

FINC 3170 - Investments

Students are introduced to securities and capital markets. Topics include principles of risk and return, stock and bond valuation, mutual funds and security analysis. Students gain practical experience to investments through trading simulations. Prerequisite(s): FINC 3050 **(3)**

FINC 3200 - Managerial Economics

(ECON 3200) Use of Microeconomic methods as management decision making tools in order to assure the attainment of a firm's goals and objectives; use of case studies with microeconomic applications. Prerequisite(s): BSAD 3055 and ECON 2010 **(3)**

FINC 4000 - Seminar in Portfolio Management

Demonstration of portfolio analysis techniques using computer applications. Additional topics will focus on option pricing, futures markets, technical analysis, and international portfolio management. References for the course will be developed from classical works as well as recent journal articles. Prerequisite(s): FINC 3050 and FINC 3170 **(3)**

FINC 4999 - Senior Comprehensives

Prerequisite(s): Senior standing. **(0, FaSp)**

French

FREN 1010 - Elementary French

An introductory course for students with little or no previous training in French. Emphasis upon the four skills of comprehension, speaking, reading, and writing. Basic vocabulary and grammatical structures appropriate to the development of intermediate-level communication. Greetings and other simple interactions, present, past, and future tenses, description, basic competency for simple social and work situations. **(3, FaSpSu)**

FREN 1020 - Elementary French

An introductory course for students with little or no previous training in French. Emphasis upon the four skills of comprehension, speaking, reading, and writing. Basic vocabulary and grammatical structures appropriate to the development of intermediate-level communication. Greetings and other simple interactions, present, past, and future tenses, description, basic competency for simple social and work situations. **(3, FaSpSu)**

FREN 1090 - Conversation and Culture

An accelerated course built around two organizing principles, the development of language communicative capabilities and the acquisition of cultural competency. Students will spend the first week of the course becoming familiar with the key principles for discussing culture through an examination of their ideas about their cultures of origin. At the same time, students will review grammar concepts learned in their previous language study and will enhance their knowledge of these concepts through specific communication goals. Prerequisite: minimum placement exam score (see departmental policy or completion of FREN 1020). **(3)**

FREN 2010 - Intermediate French

2010 usually offered fall semester. Continuing development of the four skills of comprehension, speaking, reading, and writing. Study of selected texts and cultural materials. Web-based study of cultural and social tasks, with extensive student oral reports. Films, computer drills, and audiovisuals required. Readings from texts by Francophone writers, especially North African (2nd semester). Prerequisites: FREN 1010-FREN 1020 or equivalent as determined by placement exam. **(3)**

FREN 2020 - Intermediate French

2020 usually offered spring semester. Continuing development of the four skills of comprehension, speaking, reading, and writing. Study of selected texts and cultural materials. Web-based study of cultural and social tasks, with extensive student oral reports. Films, computer drills, and audiovisuals required. Readings from texts by Francophone writers, especially North African (2nd semester). Prerequisites: FREN 1010-FREN 1020 or equivalent as determined by placement exam. **(3)**

FREN 3001 - Advanced Grammar and Composition

Intensive review of grammar. Emphasis is on verbs, idioms, the subjunctive, and the spoken language. Extensive use of films and readings to place structures under study in context. Prerequisites: FREN 2020 or permission of instructor and department head. **(3)**

FREN 3002 - Advanced Grammar and Composition

Intensive review of grammar. Emphasis is on verbs, idioms, the subjunctive, and the spoken language. Extensive use of films and readings to place structures under study in context. Prerequisites: FREN 2020 or permission of instructor and department head. **(3)**

FREN 3010 - French Medieval and Renaissance Literature

A survey of literary and cultural documents written in Western Europe, with emphasis upon the literary traditions in Latin and the vernacular. From the Benedictine Rule to the Book of the City of Ladies by Christine de Pisan, students situate texts within their cultural context to understand both the impact of such texts upon the society which produced them and the effect of the social milieu upon literary production. Modern French versions of vernacular texts and translations of Latin works such as the Rule, the poetry of the Goliards, and the Sermon on the Song of Songs of St. Bernard Clairvaux. The lyric poets; the Pleiade. This course may be expanded to two semesters by continuing as a directed reading. **(3)**

FREN 3011 - Advanced Conversation

Conversation based upon texts, videos, and Web-based sources. Analysis of cultural and some literary texts. Emphasis upon modern films and journalistic writings. Prerequisites: FREN 2010-FREN 2020 or permission of instructor and department head. (3)

FREN 3012 - Advanced Conversation

Conversation based upon texts, videos, and Web-based sources. Analysis of cultural and some literary texts. Emphasis upon modern films and journalistic writings. Prerequisites: FREN 2010-FREN 2020 or permission of instructor and department head. (3)

FREN 3021 - Readings in Francophone Culture

A reading course designed to build advanced-level skills in comprehension of the text. Readings are taken from throughout the Francophone world. Prerequisites: FREN 2010-FREN 2020 or permission of the instructor and department head (3)

FREN 3022 - Afro-Francophone Women Writers

(WMST 3022, AADS 3022) The course studies novels by women from French-speaking African countries such as Cameroon, Senegal, Ivory Coast, Algeria, and Congo supplemented with films set in Burkina Faso and Mali that deal with women's issues. Historical contexts, feminist movements, and women's roles are considered in order to situate the literature. The class utilizes a book-club discussion format as well as student oral presentations, weekly essays, and a final paper. Prerequisites: FREN 2010-FREN 2020 or permission of instructor and department head. (3)

FREN 4010 - LITTÉRATURE AFRICAINE FRANCOPHONE (The Literature of French-Speaking Africa)

(AADS 4010) A survey of two principal aspects of literary expression in Francophone Africa, oral and written literature and the social, cultural and historic factors that have given rise to their development throughout the Francophone societies of the African continent. Class participants will develop an ability to read critically in a literature that is the product of cultures that may be unfamiliar to them. Prerequisites: 6 hours of FREN beyond FREN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. (3)

FREN 4025 - Afro-Latin American and Louisiana Oral Traditions: West African Tales and their Transmission to the New World

(SPAN 4025, AADS 4025) A survey of oral traditions and how they reflect the social, cultural, and economic structures of the cultures from which they sprang. Through the identification of primary characters and a study of the changing roles that they play within the creative expressions of societies they represent, course participants will gain insights into the representation of social realities through the symbolic development of characters in folk tales and their interactions. Taught in English. (3, EXP)

FREN 4030 - Afro Latin American Culture and Civilization

(AADS 4030, LANG 4030, SPAN 4030) Comprehensive interdisciplinary overview of academic and cultural information and experiences about Afro Latin-Americans, their history, culture, traditions, and contributions

throughout Latin America, including Louisiana. Cultural excursions, guest lecturers, and independent research integrated into course curriculum. **(3, EXP)**

FREN 4031 - Directed Readings in French

Readings in an area of French literature mutually agreed upon by teacher and student which is not covered by a current course. Prerequisite: Permission of instructor and department head. **(1)**

FREN 4032 - Directed Readings in French

Readings in an area of French literature mutually agreed upon by teacher and student which is not covered by a current course. Prerequisite: Permission of instructor and department head. **(2)**

FREN 4033 - Directed Readings in French

Readings in an area of French literature mutually agreed upon by teacher and student which is not covered by a current course. Prerequisite: Permission of instructor and department head. **(3)**

FREN 4041 - Directed Readings in French

Readings in an area of French literature mutually agreed upon by teacher and student which is not covered by a current course. Prerequisite: Permission of instructor and department head. **(1)**

FREN 4042 - Directed Readings in French

Readings in an area of French literature mutually agreed upon by teacher and student which is not covered by a current course. Prerequisite: Permission of instructor and department head. **(2)**

FREN 4043 - Directed Readings in French

Readings in an area of French literature mutually agreed upon by teacher and student which is not covered by a current course. Prerequisite: Permission of instructor and department head. **(3)**

FREN 4050 - Internship

Placement in a supervised work or research situation using French. Prerequisite: Permission of department head. **(3)**

FREN 4051 - Special Topics in French

Critical analysis and exploration of language, culture, or literature. Topics vary according to the needs and interests of department faculty and majors. May be repeated for up to 12 hours of credit. Prerequisites: 6 hours of French beyond FREN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. **(3)**

FREN 4052 - Special Topics in French

Critical analysis and exploration of language, culture, or literature. Topics vary according to the needs and interests of department faculty and majors. May be repeated for up to 12 hours of credit. Prerequisites: 6 hours of French beyond

French 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. **(3)**

FREN 4053 - Introduction to Literary Criticism of Spanish, Hispanic, American, French, and Francophone Literature.

(LANG 4053, SPAN 4053) This course is a capstone course designed for the upper-level students majoring in either French or Spanish. Through readings of both critical texts and literary works, students develop a comprehension of the relationships among history, culture, ideology, and literary production. Students read the literary works under study in their target languages. Discussion is in English in order to accommodate majors from both languages. **(3)**

FREN 4080 - Foreign Language Teaching Methodology

(LANG 4080, SPAN 4080) An examination of conventional methodologies of teaching foreign languages. This presentation will be directed to both primary and secondary levels and will include the following topics, among others: analysis of the theoretical premises upon which each method is founded; critical assessment of the strengths and limitations of each method; demonstration of classroom techniques derived from the various methods; discussion of the proficiency orientation contained in each method; and analysis of current textbooks and materials with discussion of how they reflect the theories under study. The practical component of the course will be integrated through demonstrations of teaching techniques, peer teaching, class observations, and hands-on activities. **(3)**

FREN 4999 - Senior Comprehensives

(0)

Freshman Seminar

The Fall (Fa), Spring (Sp), or Summer (Su) semesters indicated are expected but are not guaranteed.

FRSM 1000 - Freshman Seminar I

Freshman Seminar I is a course designed to serve as the foundation of the Xavier academic experience. The course connects students to the Xavier and New Orleans communities and prepares them for their college careers. All students entering Xavier with less than 30 hours are required to complete this course successfully as part of the Essential Core Curriculum. **(1, Fa)**

FRSM 1100 - Freshman Seminar II

Freshman Seminar II completes the foundation sequence of the Xavier freshman experience. The course continues to connect students to Xavier, New Orleans, and world communities by using academic-based service learning as a means to focus specifically on Xavier's historical mission of working toward a more just and humane society. The goal of the seminar is to explore what it means for students and faculty, in partnership, to live Xavier's mission in the New Orleans community while also doing academic work. All students entering Xavier with less than 30 hours are required to complete this course successfully as part of the Essential Core Curriculum. **(1, Sp)**

General Education

EDUC 1000 - Teacher Prep

Sessions to prepare students for the professional teacher education examinations. A grade of P is given for students who successfully complete the practice session. Prerequisite(s): None **(0, Fa)**

EDUC 2005M - Praxis PPST Math

Students must register for this part of the Praxis during the semester that they officially plan to take the test. A grade of P is recorded on the student's transcript for a passing grade and NG for a score below the state qualifying score. **(0)**

EDUC 2005R - Praxis PPST Reading

Students must register for this part of the Praxis during the semester that they officially plan to take the test. A grade of P is recorded on the student's transcript for a passing grade and NG for a score below the state qualifying score. **(0)**

EDUC 2005W - Praxis PPST Writing

Students must register for this part of the Praxis during the semester that they officially plan to take the test. A grade of P is recorded on the student's transcript for a passing grade and NG for a score below the state qualifying score. **(0)**

EDUC 2025 - Child Psychology

At the completion of this course the student will be able to identify and describe the physiological, intellectual, social, emotional, and moral factors which affect child growth and development. Prerequisite(s): None **(3, Fa)**

EDUC 2030 - Children's Literature

At the completion of this course, the student will be able to select materials based on the interests of children of varying abilities, ages, and backgrounds. The student will develop these skills using simulation, micro-teaching, and practicum. Prerequisite(s): None **(3, Sp)**

EDUC 2040 - Introduction to the Exceptional Child

At the completion of this course, the student will be able to identify and assist children with exceptional needs from the slow learner to the gifted. Prerequisite(s): None **(3, Sp)**

EDUC 2044 - Methods of Classroom Organization and Management

At the completion of this course, the student will be able to manipulate those variables that affect classroom management: space, time, multiplicity of tasks, difficulty level, language, and interpersonal relationships. Prerequisite(s): None **(3, Fa)**

EDUC 2100 - Middle School Teaching Strategies

This course is designed to prepare middle school teacher candidates to become competent professionals who can guide and facilitate classroom interactions to meet the learning needs of diverse populations of students in the middle school environment. Prerequisite(s): None **(3, Fa)**

EDUC 2200 - Multicultural Education

This course is designed with emphasis on the pluralistic aspect of society as it relates to schools, teaching, learning and the development of curriculum considerations for elementary and secondary areas of education. Candidates will be introduced to learning styles and various teaching techniques to meet the needs of all learners at their appropriate grade levels. Prerequisite(s): None **(3, Sp,)**

EDUC 3005L - Principles of Learning and Teaching Praxis II

Students must register for the Praxis II during the semester that they officially plan to take the test. A grade of P is recorded on the student's transcript for a passing grade and NG for a score below the state qualifying score. **(0)**

EDUC 3040 - Educational Psychology

Usually offered fall semester. This course is designed to prepare the student to identify and describe the cognitive and affective factors influencing the learning process through the study of the nature, conditions, outcome, and evaluation of learning. Systems approach, media, and clinical experiences are used. Prerequisite(s): Admitted into TEP. **(3, Fa, EXP)**

EDUC 3060A - Strategies and Techniques in Elementary School Mathematics

This course is designed to prepare elementary school teacher candidates to become competent professionals who can guide and facilitate classroom interactions to meet the learning needs of diverse populations of students. Prerequisite(s): Admitted into TEP. **(3, Fa)**

EDUC 3060B - Strategies and Techniques in Elementary School Mathematics

This course is a continuation of 3060A and concentrates on using technology in teaching mathematics in the elementary classroom. Prerequisite(s): Admitted into TEP. **(3, Sp)**

EDUC 4001 - Directed Project in Education

Register only with permission of chairperson. **(1)**

EDUC 4002 - Directed Project in Education

Register only with permission of chairperson. **(2)**

EDUC 4003 - Directed Project in Education

Register only with permission of chairperson. **(3)**

EDUC 4005S - Praxis Specialty Area

Students must register for this part of the Praxis during the semester that they officially plan to take the test. A grade of P is recorded on the student's transcript for a passing grade and NG for a score below the state qualifying score. **(0)**

EDUC 4011 - Directed Readings in Education

Register only with permission of chairperson. **(1)**

EDUC 4012 - Directed Readings in Education

Register only with permission of chairperson. (2)

EDUC 4013 - Directed Readings in Education

Register only with permission of chairperson. (3)

EDUC 4030 - Educational Measurement and Evaluation

This course is designed to prepare the student to employ elementary statistical methods in the interpretation of test measurement; to construct and use various types of tests and measurement scales; and to utilize tests in the diagnosis and remediation of student performance. Prerequisite(s): Admitted into TEP. (3, Fa)

EDUC 4060A - Student Teaching (Elementary Education Majors)

This course includes: (a) Observation and participation in the classroom; (b) Full-time participation in instructional activities and other teaching assignments; and (c) Readings and experiences in classroom management and teaching techniques. Concurrent enrollment with Student Teaching Seminar. Prerequisite(s): Admitted into TEP, Passed Praxis Specialty Area and must have taken Praxis PLT. (9, FaSp)

EDUC 4060S - Student Teaching Seminar

This seminar will include weekly meetings to discuss the student teaching experience. Students will exchange ideas and provide assistance to each other along with the professor providing guidance throughout the semester. Students will develop lesson plans and behavior management plans to work with disruptive students. To be taken concurrently with student teaching. Concurrent enrollment with Student Teaching. Prerequisite (s): Concurrent enrollment with Student Teaching. (0, FaSp)

EDUC 4065 - Student Teaching (All Education Majors)

This course includes: (a) Observation and participation in the classroom; (b) Full-time participation in instructional activities and other teaching assignments; and (c) Readings and experiences in classroom management and teaching techniques. Concurrent enrollment with Student Teaching Seminar. Prerequisite(s): Admitted into TEP, Passed Praxis Specialty Area and must have taken Praxis PLT. (12, FaSp)

EDUC 4090 - Adolescent Psychology

At the completion of this the student will identify and describe characteristics and attendant problems of adolescent growth and development and to utilize relevant techniques in teaching and guidance based on modern research. Prerequisite(s): Admitted into TEP. (3, Sp)

EDUC 4113R - Clinical Procedures in Remedial Reading in the Elementary School

At the completion of this course, the student will be able to diagnose and remediate reading difficulties. Informal and formal diagnostic techniques will be included. Opportunities for remedial tutoring of disabled readers in a classroom setting are provided. Prerequisite(s): Admitted into TEP. (3, Sp)

EDUC 4999 - Senior Comprehensives

Passing score on Praxis PLT (0)

Geography

GEOG 1010 - World Geography

A survey of patterns found in the natural environment, an examination of human and cultural distribution and their spatial interaction on a global scale. (3, EXP)

GEOG 2010 - Physical Geography

Physical, soil, vegetation and climatic regions are outlined along with the processes that produce them. (3)

GEOG 3010 - A Regional Geography of the World

A survey of the geographical characteristics and major problems of each of the continents. Attention is given to important individual countries and to groups of countries within each world region and the major challenges facing the world. (3, EXP)

GEOG 3020 - Louisiana and Its Resources

A comprehensive study of Louisiana's natural and cultural elements and regions. An observation of man's role with regard to nature and the future of Louisiana. (May replace HIST 3040 for Elementary Education Certification.) (3)

Graduate Education

EDCG 5000 - Statistics

A study of statistical methods and techniques in education and psychology with appropriate application for research and psychological testing. Prerequisite(s): None (3, Fa)

EDCG 5010 - Research Methodology

An introduction to the bibliography, literature, and the major methods employed in investigating and solving problems. The course seeks to develop the ability to obtain, analyze, and interpret important types of data. Must be taken within the first nine hours of graduate work. Prerequisite(s): EDCG 5000 (3, Fa)

EDCG 5083 - Special Problems in Research

A directed project supervised by the instructor. May be repeated once for credit. Prerequisite(s): Consent of Instructor. (3, Su)

EDCG 5090 - Advanced Educational Psychology

A consideration of internal and external factors as facilitators or inhibitors of cognitive development. Applications of major learning theories will be examined. Prerequisite(s): None (3, Fa)

EDCG 5500 - Instructional Technology

The course outline will begin with where the students are in educational technological expertise. Through an individualized approach, all students will be brought up to their speed with word processing, data bases, graphics and management applications for microcomputers in DOS/Windows or Macintosh operating systems. After these basics, students will learn basic hypertext authoring incorporating multimedia elements. The course features an introduction to online communication, e-mail and the Internet. The course will present strategies for evaluating and using software in specific curricular settings. A course project based on the grade level and disciplinary interests of the students will be the final product of the course. Prerequisite(s): None (3, Su)

EDCG 5600 - Advanced Instructional Technology

The course will present advanced strategies for evaluating and using software in specific curricular settings. A course project based on the grade level and disciplinary interests of the students will be the final product of the course. Prerequisite(s): EDCG 5500 (3, Fa)

EDCG 5700 - Technology Leadership in Schools

The course includes foundational skills for managing technology for teaching and learning at the school site. These skills will include school wide planning that incorporates instructional design, curriculum integration with the standards, and logistics of technology implementation within the local school site, training and evaluation. Candidates will plan and implement projects for local school site improvement. Prerequisite(s): EDCG 5500 and EDCG 5600. (3, Sp)

EDCG 5775 - School-Age Language Learning Problems

This course provides a description of basic components of language (e.g., semantics, pragmatics, morphology, phonology) and the way these components interact with each other to produce language and reading problems. Prerequisite(s): None (3, Sp)

EDCG 5800 - Special Topics in Education

Students will be allowed to explore special topics in Education in a seminar format. Prerequisite(s): Consent of Advisor and Instructor. (3)

EDCG 6000 - Advances Statistical Methods

This course is an advanced study of the basic concepts of statistical research. Candidates will be able to analyze advanced statistical procedures used in empirical research in social and behavioral sciences. They will be able to explain and summarize statistical information in text, charts, figures, and tables using statistical methods and techniques. *Prerequisite: None (3, Su - 1)*

EDCG 6010 - Quantitative Research Methods

This course is designed to introduce candidates to the nature and uses of quantitative research. Candidates will practice methods of gathering, analyzing, and interpreting important types of quantitative data. Statistical software packages will be used to develop graphs, tables, or other forms of statistics. Candidates will be able to interpret the results related to specific research cases. Prerequisite: EDCG 6000 (3, Fa - 2)

EDCG 6012 - Qualitative Research Methods

This course is designed to introduce candidates to the nature and uses of qualitative research. Candidates will practice methods of gathering, analyzing, and interpreting types of data that studies social and cultural experiences. The case study, ethnographic, and action research methods as well as other methods of qualitative research will be studied. Candidates will be able to interpret the results related to specific research cases. Prerequisite: EDCG 6000 (3, Sp - 2)

EDCG 6014 - Multivariate Statistics

This course is designed to facilitate conceptual understanding of multivariate statistical methods by focusing on practical applications that involve comparing two or more groups; in particular, measuring subjects on several dependent variables. Candidates will review sample research studies and be able to select techniques to use and interpret multivariate analysis based on type of research problem. The purpose of this course is to prepare doctoral candidates to apply multivariate statistical methods to the analysis of their data in their own research study. Prerequisites: EDCG 6010 & EDCG 6012 (3, Su - 2)

EDCG 6018 - Special Problems in Research in Educational Leadership

A directed project related to the candidate's own research study supervised by an instructor. May be repeated once for credit. *Prerequisite: Consent of the Instructor.* (3, Sp - 1)

Graduate English

GENG 5150 - Advanced Writing

Comprises critical, scholarly, and expository writing. Candidates will write different types of essays and enhance their writing skills including error corrections, grammar usage, and punctuation usage. Candidates will evaluate various forms of writing and explain the reason for the analysis. (3, FaSpSu)

GENG 5160 - Writing Across the Curriculum

Candidates will learn how to create various writing assignments across subject matter that promote critical thinking. They will demonstrate an understanding of how to use the writing process to help students to plan and organize their thoughts across curriculum areas. Candidates will learn how to use writing across disciplines to help students learn how to communicate effectively within subject matter. (3, Su)

Graduate General Education

EDUC 5380 - Student Teaching

This course includes full-time: (a) Observation and participation in the classroom; (b) Full-time participation in instructional activities and other teaching assignments; and (c) Readings and experiences in classroom management and teaching techniques. (6, FaSp)

Graduate Mathematics

GMAT 5020 - Statistical Methods I

Descriptive statistics, probability and statistical inference. Hypothesis testing of population means, proportions, etc. (3)

GMAT 5025 - Statistical Methods II

Hypothesis testing of population means, proportions, etc. Contingency tables, goodness-of-fit, analysis of variance, nonparametric statistics. Introduction of computer packages to analyze data. Prerequisite: Grade of "C" or higher in GMAT 5020 or equivalent or permission of instructor. (3)

GMAT 5035 - Linear Algebra

Systems of equations, matrices, determinants, vector spaces, linear mappings, etc. Prerequisite: Grade of "C" or higher in MATH 1030 or advanced placement by test score or permission of instructor. (3)

GMAT 5040 - Introductory Analysis for Teachers I

The derivative and integral with their principal interpretations and interrelations; simpler techniques of differentiation and integration; applications. Prerequisite: Grade of "C" or higher in MATH 1030 or advanced placement by test score or permission of instructor. (3)

GMAT 5045 - Theoretical Foundations of Mathematics for Teachers

Foundations of theoretical mathematical sciences. Introduction to proofs from: mathematical logic, set theory, relations. Students will be expected to present independent written work to the class orally for criticism and discussion. Prerequisite: Grade of "C" or higher in GMAT 5040 or equivalent or permission of instructor. (3)

GMAT 5050 - Discrete Mathematics

Continuation of GMAT 5045. Foundations of theoretical mathematical sciences: networks, functions and introduction to algebraic structures. Students will be expected to present independent written work to the class orally for criticism and discussion. Prerequisite: Grade of "C" or higher in MATH 1030 or advanced placement by test score or permission of instructor. (3)

GMAT 5055 - Finite Mathematics for Teachers

Systems of equations, matrices, determinants, linear programming and elementary probability and markov processes, simplex method, mathematical induction. Prerequisite: Grade of "C" or higher in MATH 1030 or advanced placement by test score or permission of instructor (3)

GMAT 5070 - Introductory Analysis for Teachers II

Continuation of GMAT 5040: differential and integral calculus of functions of a single real variable with applications; theory of curves; series. Prerequisite: Grade of "C" or better in GMAT 5040 or equivalent or permission of instructor. (3)

GMAT 5080 - Introductory Analysis for Teachers III

Continuation of GMAT 5070: Real-valued functions of several variables; partial differentiation; multiple integration; applications. Prerequisite: Grade of "C" or better in GMAT 5070 or equivalent or permission of instructor. (3)

GMAT 5100 - History of the Mathematical Sciences

History of mathematics from ancient times to the present. Prerequisite: Grade of "C" or higher in GMAT 5040 and GMAT 5045 or equivalent or permission of instructor. (3)

GMAT 5900 - Modern Geometry

Elementary foundations of geometry from a rigorous point of view, concepts in advanced Euclidean and non-Euclidean geometry. Prerequisites: Grade of "C" or higher in GMAT 5040 and GMAT 5045 or permission of instructor. (3)

GMAT 6010 - Applied Mathematics

Applications of different topics in mathematics with emphasis on modeling techniques. Prerequisites: Grade of "C" or higher in GMAT 5040 or equivalent or permission of instructor. (3)

GMAT 6030 - Differential Equations

Usual methods of solving ordinary differential equations; introduction to the general theory. Prerequisite: Grade of "C" or higher in GMAT 5070 or equivalent or permission of instructor. (3)

GMAT 6040 - Numerical Analysis

Methods of numerical computation. Error analysis, solutions of equations, interpolation and polynomial approximation, least squares approximation, numerical differentiation and integration, numerical solution to differential equations. (3)

GMAT 6051 - Mathematical Probability and Statistics I

Introduction to concepts of probability and random variables. Discrete and continuous distributions with applications. Algebra of expectations. Covariance and correlation of two random variables. Prerequisite: Grade of "C" or higher in GMAT 5080 or equivalent or permission of instructor. (3)

GMAT 6061 - Mathematical Probability and Statistics II

Purpose and nature of sampling, particularly from normal populations. Chi-square, t, and F distributions. Formulating and testing statistical hypotheses, point and interval estimation. Prerequisite: Grade of "C" or higher in GMAT 6051 or equivalent or permission of instructor. (3)

GMAT 6070 - Real Analysis I

Real number system, limits, continuity, differentiation, Riemann-Stieltjes integration, series. Prerequisites: Grade of "C" or higher in GMAT 5045 or equivalent or permission of instructor. (3)

GMAT 6080 - Real Analysis II

Real number system, limits, continuity, differentiation, Riemann-Stieltjes integration, series. Prerequisites: Grade of "C" or higher in GMAT 5045 or equivalent or permission of instructor. (3)

GMAT 6090 - Modern Algebra I

Algebraic structures, groups, rings, fields, vector spaces. Prerequisites: Grade of "C" or higher in GMAT 5045 or equivalent or permission of instructor. (3)

GMAT 6100 - Modern Algebra II

Algebraic structures, groups, rings, fields, vector spaces. Prerequisites: Grade of "C" or higher in GMAT 5045 or equivalent or permission of instructor. (3)

GMAT 6130 - Biostatistical Methods

Applications of descriptive and inferential statistics to health science disciplines. Introduction of specialized techniques used in biomedical sciences. Prerequisite: Grade of "C" or higher in GMAT 5020 or equivalent or permission of instructor. (3)

Graduate Student Teaching

EDST 5372A - Internship in Student Teaching

A program designed to give practical supervised experience in teaching in a school setting. Candidate enrolls in the fall and spring for a full year of internship. (3, FaSp)

EDST 5372B - Internship in Student Teaching

A program designed to give practical supervised experience in teaching in a school setting. Candidate enrolls in the fall and spring for a full year of internship. (3, FaSp)

Greek

GREK 1124 - Introduction to Biblical Greek

(THEO 1124) This course provides a basic introduction to the Greek language used in writing the New Testament. The student will be instructed in the basic morphology of koine Greek in order to develop translation skills from Greek to English and facilitate readings of New Testament passages and for interpreting various Christological views. The grammar is deductive in approach. This course also introduces students to the study of textual criticism and the textual apparatus of The Greek New Testament. Prerequisite: successful completion of all English/Reading developmental coursework. (3)

GREK 1125 - Introduction to Biblical Greek

(THEO 1125) This course provides a basic introduction to the Greek language used in writing the New Testament. The student will be instructed in the basic morphology of koine Greek in order to develop translation skills from Greek to English and facilitate readings of New Testament passages and for interpreting various Christological views. The grammar is deductive in approach. This course also introduces students to the study of textual criticism and the textual apparatus of The Greek New Testament. Prerequisite: GREK 1124/THEO 1124. Successful completion of all English/Reading developmental coursework. (3)

Health

HLTH 1141 - First Aid and C.P.R

At the completion of this course, students will have earned certification in Community First Aid, Safety and CPR.
Prerequisite(s): None **(1, FaSpSu)**

HLTH 2141 - CPR/AED Professional Responder and Health Care Provider

At the completion of this course, students will have earned an advanced certification in Community First Aid, Safety and CPR. *Prerequisite(s): None. (1, FaSpSu)*

Hebrew

HBWR 1122 - Introduction to Biblical Hebrew

(THEO 1122) An introductory course for students with little or no previous training in Hebrew. Introduces basic vocabulary and grammatical structure. Theological focus includes reading in the Hebrew language and discussing theophanies, biblical law, descriptions of God, and biblical poetry. Also introduces students to textual criticism.
Prerequisite: successful completion of all English/Reading developmental coursework. **(3)**

HBWR 1123 - Introduction to Biblical Hebrew

(THEO 1123) An introductory course for students with little or no previous training in Hebrew. Introduces basic vocabulary and grammatical structure. Theological focus includes reading in the Hebrew language and discussing theophanies, biblical law, descriptions of God, and biblical poetry. Also introduces students to textual criticism.
Prerequisite: HBWR 1122/THEO 1122. Successful completion of all English/Reading developmental coursework. **(3)**

History

HIST 1030 - World Civilizations to 1500

Survey of major civilizations of ancient world. Transition to Middle Ages in Africa, Asia, and Europe. **(3, FaSpSu)**

HIST 1031H - World Civilizations to 1500

Survey of major civilizations of ancient world. Transition to Middle Ages in Africa, Asia, and Europe. For selected honors students. **(3, Fa)**

HIST 1040 - World Civilizations Since 1500

Survey of major world civilizations from 1500 to post-war world. Emphasis on development of modern state system, rise of Western dominance and emergence of Third World nations. **(3, FaSpSu)**

HIST 1041H - World Civilizations Since 1500

Survey of major world civilizations from 1500 to post-war world. Emphasis on development of modern state system, rise of Western dominance and emergence of Third World nations. For selected honors students. **(3, FaSp)**

HIST 1050 - Twentieth Century World History

This course covers the history of the world during the twentieth century. The course will focus on the politics, foreign policy, and economic theories of that era. The areas of the world most prominently discussed will be Europe, Africa, Asia, and the New World. **(3, EXP)**

HIST 1500 - Women in World History

(WMST 1500) This course provides an overview of the history of women in world civilizations with an emphasis on both the lived experiences of women in a wide range of different cultural contexts, as well as the construct of gender - that is, how both men and women behave in society. We will seek to understand how ideas of gender - and women specifically - have affected the construct of institutions as varied as government, religion, race and class. Prerequisites: None **(3, EXP)**

HIST 1600 - Colonial Encounters in the Modern World

Beginning with the Modern World, Europeans, and later Americans, sought to conquer and colonize territories in the New World, Africa, the Middle East, and Asia in the name of God, Glory, and Gold. This class will look at the reasons behind the spread of European civilization and power - including trade, religion, nationalism, and diplomacy - from the perspectives of both the conquerors and the conquered. Prerequisites: None. **(3, EXP)**

HIST 1800 - Slavery and Servitude in World History

This is a comparative course that looks at slavery and servitude in the Americas, Africa, Europe, and Asia. Special focus is on the continuity of class exploitation throughout time. Prerequisites: None. **(3, EXP)**

HIST 1810 - Human Rights in Global History

This course addresses civilizations across the globe since ancient times and the ways they viewed basic human rights. Topics include: the development of individualism and the definition of basic human rights; the Enlightenment; the intersections between religion and societal ideas of human rights; organizations like the U.N.; and the challenges of defending human rights in modern times. Prerequisites: None **(3, EXP)**

HIST 2010 - The United States to 1865

Explores the interaction and development of American society. Economic, political, religious, and cultural institutions from colonial beginnings to Civil War. Examines colonial resistance, revolution, territorial expansion, economic growth, sectionalism, slavery, and the coming of the Civil War. Prerequisites: None **(3, Fa)**

HIST 2020 - The United States Since 1865

Explores development of American society, economy, politics, culture, and diplomacy from Reconstruction to present. Examines Reconstruction, industrialization, imperialism, wars, civil rights movement, and American involvement in the international world. Prerequisites: None **(3, Sp)**

HIST 2050 - Survey Topics in History

Survey of a topic or historical period of special interest. Prerequisites: None **(3)**

HIST 2060 - Ethnicity & Immigration in US History

This course provides a history of the United States as told through the immigrant experience. The course will examine the immigration and assimilation of European, Asian, and Latin American peoples while exploring the development of urban ethnic communities and the changing ethnic profile of the U.S. The course will also cover nativism and the concept of nationhood and solidarity. Prerequisites: None (3)

HIST 2170 - Survey of Medieval Europe

Focused study of selected historical themes from late antiquity to the end of the Middle Ages. Topics include the evolving synthesis of Germanic, Christian, and late Roman cultures; ethnogenesis in Europe from the fifth through the tenth centuries; the cult of the saints in the early Middle Ages; the ideology of sacral kingship; church reform, the Investiture Controversy, and the medieval papacy; Jews in medieval Europe; and the transformation of the medieval state from a network of personal ties to a system of government rooted in royal bureaucracy and administration. Prerequisites: None (3, EXP)

HIST 2220 - Islam: Origins and Historical Impact

(THEO 2220) Examines the origins of Islamic religion and culture, as well as its history and global impact, by employing theological and historical methodologies. (3, EXP)

HIST 2250 - Religions of the Ancient Near East

(THEO 2250) Examines religion in ancient Egypt, Mesopotamia, Syria, and Israel/Canaan through reading ancient Near Eastern religious texts, viewing religious iconography, and examining religious architecture and cultic implements. The course will explore these ancient societies' answers to such questions as the nature of the divine, the relationship between the divine and humans (including all classes of society), creation, problems of theodicy, and their notions of afterlife. Prerequisite: None (3, EXP)

HIST 2415 - Introduction to Historical Research and Writing

Usually offered in the fall semester. Introduction to methods, techniques and concepts used by historians. Main emphasis on methods of historical research and analysis, problems confronting historians in dealing with evidence, interpretation, and theory in various chronological and geographic settings. Prerequisites: 3 credits of HIST and ENGL 1020 (3, Fa)

HIST 2600 - Africa and the World

(AADS 2600) Survey of the history of Africa within a global perspective. Course themes include early kingdoms in North Africa, the early influence of Christianity and Islam on African societies, Africa's early contacts with Europeans and the eras of the Atlantic Slave trade, colonialism, nationalism, and contemporary Africa. Prerequisites: None (3, EXP)

HIST 2700 - Introduction to Latin American History

Considers the social, cultural, and political developments that have affected the region, beginning with the indigenous populations before Europeans' arrival, and continuing to the present historical situations of Latin Americans. Prerequisites: None (3, EXP)

HIST 3000 - Special Topics in History

Topics selected for special interests of students. Prerequisite: 3 credits of HIST. (3)

HIST 3001 - History of American Law

This course acquaints students with the historical context of the origins of American law, its evolution, and its application to human relationships and societal interactions. In particular, attempts will be made to analyze the pattern of American constitutional development and its relevance to the composition of our socioeconomic and political structure. Fulfills history major requirement for three upper-level credits of US History. Prerequisite: 3 credits of HIST. (3)

HIST 3010 - Women in International Contexts

(WMST 3010) A comparative exploration of women's history during the late nineteenth and early twentieth centuries. The course focuses in the similarities and differences between the experiences of women in different parts of the world, with a particular emphasis on personal narratives. Prerequisite: 3 credits of HIST. (3, EXP)

HIST 3011 - Twentieth Century European History

Focuses on major developments in twentieth century European history, including social, and political history, World War I, Russian Revolution, rise of totalitarian dictatorships, World War II, the Cold War, decolonization, collapse of Communism and rise of the European Community. Fulfills history major requirement for three upper-level credits of European History. Prerequisite: 3 credits of HIST. (3, EXP)

HIST 3020 - History Internship

Hands on experience at an historical facility or with departmental oral history or research projects. Requires one hundred hours of work under supervision, a record of work experiences and a written analysis of the overall internship. Grades are on pass/fail basis. Prerequisite: 3 credits of HIST. (3)

HIST 3040 - History of Louisiana

Examines and interprets the colonial roots of Louisiana, the challenge of Louisiana for the young Republic of the U.S., immigration and the antebellum experience, the crises of the Civil War and Reconstruction, impact of Longism, the petrochemical revolution and contemporary Louisiana. Fulfills history major requirement for three upper-level credits of US History. Prerequisite: 3 credits of HIST. (3, EXP)

HIST 3050 - Gandhi and King: Nonviolent Philosophy of Conflict Resolution

(AADS 3050) This course examines the similarities and differences between Mahatma Gandhi and Martin Luther King, Jr. -- their leadership styles, personality traits, philosophical assumptions, the movements they led, and their tactics in particular campaigns. Fulfills history major requirement for three upper-level credits of African American or Developing World History. Prerequisite: 3 credits of HIST. (3)

HIST 3150 - Ancient Mediterranean

Explores the main historical developments of Mediterranean civilizations from their origins in the Bronze Age (ca. 2000 B.C.) through the decline of imperial Rome (ca. 400). Considers the mutual influence of civilizations of the Mediterranean littoral, cultural and political developments of Greece and Rome, and the rise of Christianity. Fulfills history major requirement for three upper-level credits of European History. Prerequisite: 3 credits of HIST. (3)

HIST 3220 - World Wars and Dictatorships in European History

Causes and consequences of World War I. The inter-war years. Rise of communist and fascist dictatorships. World War II. Fulfills history major requirement for three upper-level credits of European History. Prerequisite: 3 credits of HIST. **(3, EXP)**

HIST 3350 - African American History I

(AADS 3350) Chronological and in-depth study of specific issues affecting African Americans from their West African beginnings to Civil War. Major themes to be announced each semester. Fulfills history major requirement for three upper-level credits of African American History. Prerequisite: 3 credits of HIST. **(3, Fa, EXP)**

HIST 3360 - African American History II

(AADS 3360) Continuation of topical survey of main currents in African American life from the Civil War to the present. Major themes to be announced each semester. Fulfills history major requirement for three upper-level credits of African American History. Prerequisite: 3 credits of HIST. **(3, Sp)**

HIST 3380 - United States History Since 1945

Examines U.S. history from the end of World War II to the present. Emphasis is placed on politics, foreign policy, the modern civil rights movement, and the primary social and cultural events of the period. Fulfills history major requirement for three upper-level credits of US History. Prerequisite: 3 credits of HIST. **(3)**

HIST 3385 - The Civil Rights Movement in the United States

(AADS 3385) Examines the major civil rights campaigns that took place throughout the U.S. from 1950 to 1975. Focuses on strategies, objectives, successes and failures of civil rights leaders and organizations. Special emphasis on civil rights protests and movements in New Orleans and throughout Louisiana. Fulfills history major requirement for three upper-level credits of African American History. Prerequisite: 3 credits of HIST. **(3, EXP)**

HIST 3390 - African American Women's History

(WMST 3390, AADS 3390) Examines the unique historical experiences of women of African descent in the United States from the colonial era to the present. Focuses on black women's contributions to American society and the impact of race, class and gender issues on the experiences of African American women. Fulfills history major requirement for three upper-level credits of African American History. Prerequisite: 3 credits of HIST. **(3)**

HIST 3610 - History of Popular Culture in Africa

(AADS 3610) This course examines the historical development of diverse forms of African popular culture - including music, dance, film, literature, and visual arts - and their connections with local and global processes of cultural production and consumption. The History of Popular Culture in Africa traces the development of popular culture genres in Africa from the late 19th century to the present. Fulfills history major requirement for three upper-level credits of Developing World History. Prerequisite: 3 credits of HIST. **(3, EXP)**

HIST 3670 - Topics in African History

Introduction to major themes, narratives, geographies and chronologies of African history from its earliest period to the present, and the ways this history has been recorded by Africans and non-Africans. Topics vary from term to term, with an emphasis on the skills of historical thinking, analysis of evidence and critical thinking and writing. Fulfills history major requirement for three upper-level credits of Developing World History. Prerequisite: 3 credits of HIST. **(3, EXP)**

HIST 3675 - The Black Atlantic World

(AADS 3675) Links together the histories of Africa, Europe, North America and South America by emphasizing the activities of Africans and men and women of the African Diaspora. Topics include: Slavery and the slave trade in Africa and the New World, African and Western religions, Revolutions in the West Indies and Africa, European and American imperialism, Neo-colonialism, and Music and Literature. Fulfills history major requirement for three upper-level credits of Developing World History. Prerequisite: 3 credits of HIST. **(3, EXP)**

HIST 3700 - Caribbean History and Roots

(AADS 3700) This course will address the history of culture in the Circum-Caribbean, including New Orleans. Specifically, it will focus on the processes of colonialism and creolization, understanding how the peoples of the region over time created and maintained cultural practices through food, music and festival that are at once unique and shared. Fulfills history major requirement for three upper-level credits of Developing World History. Prerequisite: 3 credits of HIST. **(3, EXP)**

HIST 3800 - Race in the Americas

(AADS 3800) This course looks at the formation of race as an historical construct in North and South America, as well as Mexico and the Caribbean. Central themes include European-Native American contact and colonialism; slavery and freedom; immigration and nationalism; racial mixture and sexuality; poverty, labor, and class struggles. Fulfills history major requirement for three upper-level credits of Developing World History or US History. Prerequisite: 3 credits of HIST. **(3, EXP)**

HIST 3830 - Revolutions in Modern History

A study of major revolutions which have shaped the modern world. Causes, intellectual foundations, and consequences. Selected from among American, French, Russian, Chinese and Latin American Revolutions. Prerequisite: 3 credits of HIST. **(3)**

HIST 4020S - Seminar in the Developing World

In-depth study of a particular region, nation, historical period or topic of the Developing World. Fulfills history major requirement for three upper-level credits of Developing World History. Prerequisite: 9 credits of HIST. **(3)**

HIST 4030S - Seminar in American History

In-depth study of a particular region, nation, historical period or topic in American History. Fulfills history major requirement for three upper-level credits of US History. Prerequisite: 9 credits of HIST. **(3)**

HIST 4040S - Seminar in European History

In-depth study of a particular region, nation, historical period or topic in European History. Fulfills history major requirement for three upper-level credits of European History. Prerequisite: 9 credits of HIST. **(3)**

HIST 4415S - Seminar in Historical Research

A practical introduction to investigative training in historical research and historiography. Emphasis is placed on such research techniques and principles as topic selection and location, analysis, and verification of data. A substantial research project is required. Prerequisite: 9 credits of HIST. **(3)**

HIST 4501 - Directed Readings in History

Readings in an area of history mutually agreed upon by instructor and student which is not covered by a current course. Prerequisite: Consent of instructor and department head. Prerequisite: 9 credits of HIST. (1)

HIST 4502 - Directed Readings in History

Readings in an area of history mutually agreed upon by instructor and student which is not covered by a current course. Prerequisite: Consent of instructor and department head. Prerequisite: 9 credits of HIST. (2)

HIST 4503 - Directed Readings in History

Readings in an area of history mutually agreed upon by instructor and student which is not covered by a current course. Prerequisite: Consent of instructor and department head. Prerequisite: 9 credits of HIST. (3)

HIST 4999 - Senior Comprehensives

(0)

Institute For Black Catholic Studies

IBTH 5010 - Black Approaches to Theology

Stresses the nature, methods and sources of Black Theology, the reasons justifying its existence and its relationship to other theologies within the Catholic tradition. (Required for all new students). (3)

IBTH 5020 - History of Black Catholicism

The role played by Blacks in Catholicism from the beginning of the Church, with special emphasis on the relationship of Blacks in American Catholicism. (Core course). (3)

IBTH 5025 - Black Saints

African and African-American models of holiness in the Catholic Church. A historical approach to the traditions of holiness among Africans in the Early Church: martyrs and monks. The African saint in the African Diaspora: Southern Europe and Latin America. Sainthood and Slavery: The Man called All Saints and old New York. The holy women. Colonialism and sanctity: the case of Uganda. The significance of canonization and beatification process, heroic virtue, and holiness in the process of liberation. (3)

IBTH 5030 - Black Approach to Scripture

The Black culture and Scripture; themes from Scripture in the tradition of Black preaching and worship; similarity between the Biblical mentality and Black mentality; "problem texts." (Core course). (3)

IBTH 5040 - Black Religion and the Arts

This course will explore the use of Black (African, African American, Afro-Caribbean etc.) art in creating and developing liturgical expression consonant with black culture. (Core course). (3)

IBTH 5050 - Catechetics

Particular problems and approaches for catechetics in the Black community. (3)

IBTH 5060 - Black Psychology

Constructs for effective pastoral communication with Black congregations by reviewing major interpersonal, social, and systematic issues from a perspective based upon clinical aspects of cultural differences. (Core course). (3)

IBTH 5063 - Pastoral Counseling: Black Perspectives

The course provides a framework for understanding the reality of a person's being in the world. It has a three-fold focus: 1) to develop the pastoral identity of the counselor; 2) to engage in theological reflection on the pastoral counselor's relationship with persons whose heritage is African American or another culture; and 3) to enhance the practical skills for ministry to persons who are in crisis or experiencing problems in living. (3)

IBTH 5070 - Black Preaching I

The Black preaching tradition. This course includes both survey of the literature and practical exercises in preaching oriented toward a Black congregation. Prerequisite: Consent of Director. (3)

IBTH 5071 - Black Preaching II

This course will provide an overview of Black preaching exploring the meaning and significance of preaching and the role of the preacher as interpreter of the biblical text in the context of the Black experience. Students will outline, design, deliver, and critique their own sermons. (3)

IBTH 5080 - Black Approaches to Sacraments

Rituals and symbols in the African and Afro-American traditions and their relationship to the Seven Sacraments. (3)

IBTH 5081 - Christology

A study of the Kingdom of God as announced by Christ; the prayer of Jesus and His death and resurrection as understood by liberation and black theologies. (Area requirement). (3)

IBTH 5095 - Church: The Mission

This course will provide a critical exploration of the nature and mission of the Church as found in the Documents of Vatican II, as well as subsequent church documents and theological interpretations. Special emphasis will be placed on the implications of these understandings for the evangelization and social justice ministers of the Roman Catholic Church within and on behalf of the U.S. Black Community. (3)

IBTH 5100 - African, Black Theology, and Liberation Theologies

Similarities and differences found among these forms of articulation of the Christian mystery. Prerequisite: Consent of Director. (3)

IBTH 5110 - Black Philosophy

The African outlook on reality; similarities and differences from the philosophies of the West; implications for the understanding of Black religious experience. Prerequisite: Consent of Director. (3)

IBTH 5120 - Principles of Liturgy/Black Celebration

This course provides a survey of the history and principles of "African," "Black Church," and Roman Catholic liturgical celebrations. (3)

IBTH 5200 - History of the Black Church in the U.S.A.

Blacks in the Christian Churches from the 17th century to the present; the independent Black churches; Blacks and the Catholic Church; the Black Church's coming of age. (3)

IBTH 5210 - History of Black Religious Movements and Organization

Studies Blacks in the Christian Churches from the 17th century to the present; the independent Black church; Blacks and the Catholic Church; the Black Church coming of age. (3)

IBTH 5220 - History of Black Spirituality

An historical, anthropological, phenomenological, and theological study of the evolution of the core elements of the African American religious experience with emphasis on the retentions of Africanisms. (3)

IBTH 5224 - African Middle Ages

An historical survey of Africa from the end of the Roman Empire to the arrival of European explores and slave traders in the 16th century. Particular attention will be given to development of African Christianity in Egypt, Ethiopia, and Nubia. Also studied will be the effect of Islam on sub-Saharan Africa as well as the Maghreb; the relation between medieval Europe and the African states, particularly during the period of the Last Crusades. Some time will be devoted to the Black Empires of the West and the Arab colonization of the East. (3)

IBTH 5400 - Religion and Culture

This interdisciplinary course (sociology, anthropology and religion) will explore the way African and African American cultures [manner of using things, of laboring, of expressing oneself, of forming one customs, of establishing laws and juridical institutions of cultivating the science, the arts and beauty] influence Religious belief and customs influence contemporary African and African American culture. (3)

IBTH 5410 - Seminar: Black Literature and Religion

A postcolonial analysis of selected literary texts interpreting the African diaspora in the Americas combined with a history of religion approach to the study of black religion which takes into consideration the unique past experiences of the African American community as it underwent the terror of forced migration, slavery, segregation, and discrimination. (3)

IBTH 5420 - Seminar: Black Literary Criticism

Analysis and discussion of discourse written by African Americans during the formative years of this nation. Emphasizes literary discourse as a means of defining African American consciousness and community, and understanding how African Americans communities of origin shaped African-American discursive expression. (3)

IBTH 5425 - Slave Narratives

This course is designed with a premise that the original texts of African- American culture are the works known as "slave narratives." Hundreds of narratives were published between 1790 and 1940, in American and in other English-speaking countries. Within the extended documents (such as *The Interesting Narrative of the Life of Olaudah Equiano* or the *Narrative on the Life of Frederick Douglass* or *Incidents in the Life of a Slave Girl*, or Booker T. Washington's *Up From Slavery*) or the brief, fragmentary accounts found in John Blassingame's *Slave Testimony*, or George Rawick's edition of slave narratives collected in the 1930's, the building blocks of African-American culture are found in these testaments. (Area requirement). (3)

IBTH 5430 - Spirituality of Black Literature

Uses selected works of Black American literature as a resource for study of the spirituality of a people to understand and articulate the spirituality expressed in the works, songs, prayers, relationships and daily lives of Black people. (Area requirement). (3)

IBTH 5440 - The Spirituals

Studies a broad range of the black sacred songs known as The Spirituals. Focus is placed upon a study of their origins, meanings, and purposes. Emphasis is also given to understanding their importance in the foundation of African American culture and Christianity; and their possible uses in Catholic worship, catechesis, and pastoral ministry. (Area requirement). (3)

IBTH 5445 - Black Religious Music

Surveys the history and development of aesthetic expression of African Americans in music; emphasizes slave moans, chants; the Spirituals; blues; classic gospel; and contemporary gospel. (3)

IBTH 5450 - Liturgical Planning and Development

This is an advanced, graduate-level course examining the theological foundations of Catholic liturgy, as well as pastoral approaches to planning and fostering good liturgical celebration in and for Black Catholics. The course will explore the nature of worship, African and Black Catholic liturgical tradition and its influence on Christian worship, an historical understanding of African and Black Catholic liturgy, and the planning of liturgical celebration. (3)

IBTH 5600 - Moral Questions in the Black Community

Ethical and moral questions of special importance, or which raise special problems for the Black community and the Black Church. (Core course). (3)

IBTH 5620 - Urban Education in the Black Community

This course will explore definitions of urban education and the issues and challenges of schools within urban communities. Public, private, parochial, and independent schools will provide a broad analysis of educational settings. Institutional and social conditions that challenge urban schools will be explored in order to define the barriers and determine strategies for change and transformation of urban education. (3)

IBTH 5625 - Catholic Education in the Black Community

The importance of education to the Black community and the role of the Church-related school. (3)

IBTH 5640 - Leadership Styles of Ministry

Ministry in the Black community: similarities and differences with the White community, especially in: congregational responsibility, participation, and leadership. (3)

IBTH 5660 - Issues in Black Family

The Black family, its strengths and weakness; stability and instability in marriage; role of the minister and of the community in developing and maintaining support systems. (3)

IBTH 5664 - Leadership Styles in Ministry

Explores ministry in the Black community, including similarities and differences with the white community, especially regarding issues of congregational responsibility, participation and leadership. (3)

IBTH 5665 - Issues in the Black Family

This course investigates the myths, realities, facts, strength, and weaknesses of the African American Community in a way that will assist those who minister in the Black Community. Various structures and forms of African American family life are studied to learn how these forms affect ministry in the community and in the church. (3)

IBTH 5669 - Black Youth Ministry

This course will focus on the issues confronting those engaged in pastoral ministry with the young, especially as youth face complex crises of survival, loss of faith, alienation, and other cultural conflicts. (3)

IBTH 5670 - Spiritual Direction/Formation

Students learn the process of group spiritual direction. Students experience receiving group spiritual direction from the instructor and peers, as they further cultivate sensitivities both in offering their journey for the consideration of others and in convening group spiritual direction with peers. (3)

IBTH 5700 - Major Themes in Black Religious Experience

Utilizing various methods, including phenomenology and historical method, this course offers an interdisciplinary inquiry into the religious experience. Drawing on traditional African religions, the emergence of "slave" religion, conversion narratives, and spirituals, the course defines and establishes religious experience as the ground of spirituality. (3)

IBTH 5710 - Black Spirituality

Black spirituality is rooted in the history and experience of African American peoples in the United States. This course will engage students in a critical examination of the roots, development and characteristics of the spirituality of Black peoples in the United States as well as a participative experience of Black spirituality as found in the religious expression of the community. (3)

IBTH 5997 - Integrative Colloquium

Helps students in the third or fourth summer of study to enter more deeply into the habitus of pastoral theology, that is, a way of thinking, reflecting, conversing, and writing about questions and issues that emerge from their ministry and ministerial research. The Colloquium provides students with structured and interdisciplinary engagement and opportunities for refining research, theological analysis and reflection, and writing. Specifically, the Colloquium assists students to meet the goal of preparing successful drafts of (a) the major theological research paper and (b) the Practicum proposal. (3)

IBTH 5998 - Directed Readings

Directed Reading Courses are advanced reading in a track concentration area or a course area that allow degree students with structured opportunity for supervised reading, research, and writing in selected scholarly areas that comprise the curriculum of the IBCS. (3)

IBTH 5999 - Qualifying Examination

This examination serves as an opportunity for a detailed review of the material encountered in those courses designated as the Core and Area requirements. A student is required to take the examination on any three of the six Core courses. (0)

IBTH 6000 - Practicum

The Practicum consists of supervised project in the Black community for a specific number of weeks or an historical project. The Practicum is designed to develop pastoral program models (or engage in research projects) that will have applicable benefits in the larger community. Ordinarily the student's research thesis (major research paper) should be completed prior to the practicum (praxis) since it should provide the interdisciplinary theological (theoretical) foundation for the program model. The practicum and thesis must be evaluated prior to the student's admission to the oral comprehensive examination. (6)

IBTH 7000 - Comprehensive Examination

(0)

IBTH 8000 - Pastoral Leadership in Black Catholic & Multicultural Parishes

This one week seminar for cross-cultural and indigenous priests and pastors explores theological and practical pastoral issues that arise in the dynamics of the pastor's role in Black or multicultural Catholic parishes. The Institute and this course are ideal contexts for missionaries, cross-cultural priests and indigenous pastors to explore the historical and cultural realities of Black Catholics in the United States and to plan effective pastoral strategies. (1)

Integrated Physical Science

IPSC 2010 - Integrated Physical Science

Introduction to the basic concepts and principles of physics, chemistry, and atomic structure. Includes one laboratory session per week. (4, Fa, EXP)

IPSC 2020 - Earth Science

Survey of sciences related to our planet dealing with principles of astronomy, geology, meteorology, and environmental sciences. Includes one laboratory session per week. **(3, Sp, EXP)**

IPSC 4010 - Advanced Earth Science

Follows guidelines specified by the Global Learning and Observations to Benefit the Environment (GLOBE) Program to obtain certification to teach the GLOBE Program, which is a hands-on, experiential science program for grades K-12. Contents of the GLOBE Program will be related to the National Science Standards and the State Science Benchmarks. Four major areas are covered: atmosphere/climate, hydrology, soils, and land cover/biology. Prerequisites for Elementary Education majors: IPSC 2010 and IPSC 2020 **(3)**

Languages

LANG 4030 - Afro Latin-American Culture and Civilization

(AADS 4030, FREN 4030, SPAN 4030) Comprehensive interdisciplinary overview of academic and cultural information and experiences about Afro Latin-Americans, their history, culture, traditions, and contributions throughout Latin America, and Louisiana. Cultural excursions, guest lecturers, and independent research are integrated into course curriculum. **(3, EXP)**

LANG 4053 - Introduction to Literary Criticism of Spanish, Spanish American, French, and Francophone Literature

(FREN 4053, SPAN 4053) This course is a capstone course designed for the upper-level students majoring in either French or Spanish. Through readings of both critical texts and literary works, students develop a comprehension of the relationships among history, culture, ideology, and literary production. Students read the literary works under study in their target languages. Discussion is in English in order to accommodate majors from both languages. **(3)**

LANG 4080 - Foreign Language Teaching Methodology

(FREN 4080, SPAN 4080) An examination of conventional methodologies of teaching foreign languages. This presentation will be directed to both primary and secondary levels and will include the following topics, among others: analysis of the theoretical premises upon which each method is founded; critical assessment of the strengths and limitations of each method; demonstration of classroom techniques derived from the various methods; discussion of the proficiency orientation contained in each method; and analysis of current textbooks and materials with discussion of how they reflect the theories under study. The practical component of the course will be integrated through demonstrations of teaching techniques, peer teaching, class observations, and hands-on activities. **(3)**

Latin

LATN 1010 - Elementary Latin

Grammar, basic vocabulary, graded readings. **(3, Fa)**

LATN 1020 - Elementary Latin

Grammar, basic vocabulary, graded readings. **(3, Sp)**

LATN 2010 - Intermediate Latin

Review of grammar and additional reading. Selections from ancient authors. **(3, Fa)**

LATN 2020 - Intermediate Latin

Review of grammar and additional reading. Selections from ancient authors. **(3, Sp)**

Management

The Fall (Fa), Spring (Sp), or Summer (Su) semesters indicated are expected but are not guaranteed.

MGMT 2060 - Principles of Management

An integrated overview of the fundamentals of managerial decision making with a focus on developing the skills necessary to identify problems that confront managers who then must apply the necessary tools (both analytical and intuitive) to foment solutions that coalesce with the firm's goals and objectives. Topics include the importance of teamwork, motivation, leadership, and ethics. Prerequisite(s): ENGL 1020 **(3, FaSpSu, EXP)**

MGMT 3090 - Customer Relationship Management

(SMKT 3090) The course will help students identify actions that businesses use to categorize and address customers effectively through the use of information and technology. This will also help students learn the benefits of knowing customers more intimately and show them how information can be used to increase revenues, satisfaction, and profitability. Prerequisite(s): SMKT 2050 **(3, Sp)**

MGMT 3100 - Corporate Social Responsibility and Sustainability

This course focuses on the concept of Corporate Social Responsibility and Sustainability (CSRS) as it relates to organizations in the domestic and international domain. The course takes an interdisciplinary approach to CSRS, and considers the historical, philosophical, strategic, political, environmental, psychological and global underpinnings of this phenomenon. Students will be introduced to its history and evolution, the diverse approaches to its conceptualization and application, its relationship to traditional financial performance measures, its implications for functional and stakeholder groups and its global effect and reach. *Prerequisite(s): MGMT 2060* **3, Fa**

MGMT 3120 - Human Resource Management

Analyzes the "people" problems of management, job analysis, planning, recruiting, selection, training and development, performance evaluation, wage and salary administration, incentive systems, benefit programs. Prerequisite(s): MGMT 2060 **(3, Fa)**

MGMT 3140 - Organizational Behavior

An experiential approach to learning individual and group behaviors within organizational contexts. Includes both traditional and cutting-edge approaches to behavior in post-modern organizations. Prerequisite(s): MGMT 2060 **(3, Fa)**

MGMT 3160 - Project Management

The course is organized around teaching the technical aspect of project management, rather than focusing on the theoretical aspects of management. This course will have an enhanced focus on the use of project management application software and a focus on finding a "real-world" project on which students can gain hands-on experience.

Topics covered will include project planning, budgeting, scheduling, monitoring, and controlling. Prerequisite(s): MGMT 2060 and ECON 2070 **(3, Sp)**

MGMT 3170 - Service Operations Management

The service sector has become the fastest growing industry sector, on a global basis. Some of the topics covered in the course are yield management, data envelopment analysis, experience management, and scoring systems that are used nearly exclusively in services. This course is intended to focus on these areas and to assist in skill/application building for students pursuing careers in the service sector. Prerequisite(s): MGMT 2060 and ECON 2070 **(3, Sp)**

MGMT 3190 - Operations Management

A study of the problems encountered in operations and production with emphasis on product decisions, process planning, network planning, plant location, facilities acquisition and layout. Prerequisite(s): MGMT 2060 and ECON 2070 **(3, Fa)**

MGMT 3530 - Sales Force Management

(SMKT 3530) Organization, communications process, group influences, forecasting, recruiting, training, design, motivation, supervision, compensation, control of sales organizations. Prerequisite(s): SMKT 2050 **(3, Fa)**

MGMT 3780 - Organization and Operation of a Small Business

(ENTR 3780) An examination of methods that investigate the complexity of management practices in general entrepreneurship with a perspective that can explore the marketplace for successful venture opportunities. Strong emphasis is given to learning the skill factors related to planning, marketing, managing, and financing small business ventures. A two- to five-member team working with a local area entrepreneurial client will develop a comprehensive consulting report including a full business plan. Prerequisite(s): Open to juniors and seniors only or permission of the instructor. **(3, Fa)**

MGMT 4010S - Leadership Seminar

One of the key aspects of management is its focus on leadership. For centuries the concept of whether leaders are "born or made" has been a subject of debate. Students will be required to read between three to five current books on key management topics and they will be required to analyze the leadership concepts and impacts on the leader's organization. Additionally, student will be required to read and analyze specific cases in leadership and to conduct a research term paper on a key topic in this area. Prerequisites: senior standing. **(3, Sp, EXP)**

MGMT 4999 - Senior Comprehensives.

(BSAD 4999) Prerequisites: senior standing. **(0, FaSp)**

Mass Communication

Expansive Core Curriculum courses are denoted by EXP. Service Learning courses are denoted by SL.

MSCM 1100 - Introduction to Mass Communication

Examination of the structure, functions, and theories of mass media in contemporary society. Students are familiarized with the social, economic, and political aspects of the radio, television, book, newspaper, public relations, magazine, film, and record industries. **(3, EXP)**

MSCM 1200 - Principles of Visual Media

Students learn how to tell stories through the basic principles of still photography, video and audio production, print design, graphics, and layout. **(3, EXP)**

MSCM 1210 - Engaging Digital Media

(ART 1210, CPSC 1210) This course is an introduction to digital media concepts, design, production and interpretation. Students will apply the latest innovations from art, communications, and computer science perspectives. This is an experiential course with students becoming effective at creating, analyzing, and evaluating digital content in a collaborative teamwork environment. Students will learn to use software (including photo, video, audio, and online media productions) to create media content, and to explore how media affects politics, culture, and society. Prerequisite(s): None **(3, EXP)**

MSCM 1300 - Sports Broadcasting I - Beginning

This course is an introductory course in the theory, art, and technology of creating, preparing, and producing sports broadcast. Another component of this course concentrates on fundamental logistics and execution of remote broadcasts and develops sports-casting delivery. Students will have the opportunity to work with the University student sports broadcasting outlets in basic roles such as: camera operator, instant replay operator, game day runner, and occasional announcer. (3-credit-hour combination of lecture and live production experience). Co-requisite: MSCM 1100 or permission of instructor. **(3)**

MSCM 2007 - Public Relations Practicum

Students will gain hands-on public relations experience by working on the departmental newsletter, The Communicator, or other appropriate publication or public relations campaign, such as for a non-profit organization or community group. (Note: Not more than 3 hours of newspaper/broadcast/public relations practicum may be taken.) **(1)**

MSCM 2008 - Newspaper Practicum

Students will gain hands-on journalism experience by completing stories for the Xavier Herald. Permission of the instructor is required for enrolling in this course. (Note: Not more than 3 hours of newspaper/broadcast/public relations practicum may be taken.) **(1)**

MSCM 2009 - Broadcast Practicum

A course for students working on the production of student television programs for air on XTV. Students will get practical experience to reinforce classroom learning while serving on the crew or as hosts, writers, producers, or directors for these university programs. (Note: Not more than 3 hours of newspaper/broadcast/public relations practicum may be taken.) **(1)**

MSCM 2030 - Principles of Strategic Communication

Examination of the theory of public relations and its relationship to work in the field as practiced by professionals. The course will provide students with a solid foundation in the practice of public relations. **(3)**

MSCM 2222 - Introduction to Converged Media Writing.

An introduction to basic writing styles pertaining to broadcasting, print, public relations and online media. This course places heavy emphasis on grammar, sentence structure, vocabulary, clarity, style and logic as applied to the writing for news media. Processes, procedures and skills of information gathering and writing are explored in preparing material for the new media environment. Co-requisite: ENGL 1010 and ENGL 1020 or the permission of the instructor. (3)

MSCM 2300 - Sports Broadcasting II-Advanced

This course is an advanced course in the theory, art, and technology of creating, preparing, and producing sports broadcast and associated sports programs and media products. Students will have the opportunity to work in the management and presentation of sports products such as: Reporter, blogger, show host, interviewer, writer, editor, producer and director. (3-credit-hour combination of lecture and live production experience) Prerequisite: MSCM 1300 or permission of instructor. (3)

MSCM 2500 - Intermediate Converged Media Writing

An introduction to intermediate-level writing styles pertaining to broadcasting, print, public relations and online media. This course places heavy emphasis on grammar, sentence structure, vocabulary, clarity, style and logic as applied to the writing for news media. Processes, procedures and skills of information gathering and writing are explored in preparing material for the new media environment.. Co-requisite: ENGL 1010 and ENGL 1020 or the permission of the instructor. (3)

MSCM 2530 - Fundamentals of Audio Production

Orientation to capabilities and use of radio studio. Introduction to production of radio program type. Introduction to basic acoustics, radio board operation, commercial and dramatic production. Prerequisite MSCM 2500 (3)

MSCM 2540 - Storytelling Through Digital Editing

Advanced digital editing principles and techniques of storytelling using professional software. Students will apply editing principles to create narrative projects, and develop and complete an original short video. Prerequisite: MSCM 1200 - Principles of Visual Media or the permission of the instructor. (3)

MSCM 2580 - Appreciation and History of Film

Film as art, industry and as social and cultural force. Emphasis on aesthetic appreciation, major historical developments, and impact of film on American culture. Course includes screening and analysis of several films. Meets core curriculum requirement for Fine Arts. (3)

MSCM 2600 - Advanced Converged Media Writing

Comprehensive development of advanced writing, interviewing, and production skills in digital print, web, broadcast, strategic communication (advertising and public relations) formats that may include, but are not limited to, radio and television news stories, digital news stories, news releases, brochures, speeches, visual presentations, company publications, public relations and advertising copy writing and public service radio and television spots. Prerequisite: MSCM 2222 AND MSCM 2500. (3)

MSCM 2950 - Radio and Television Announcing

Theory and practice in on-air presence and in the use of the microphone with specific attention toward developing individual abilities in the announcing roles used in the electronic media. Scripted and unscripted delivery in a variety of broadcast situations will be emphasized. Prerequisite: MSCM 2500 or permission of instructor. (3)

MSCM 3007 - Public Relations Practicum

Students will gain hands-on public relations experience by working on the departmental newsletter, The Communicator, or other appropriate publication or public relations campaign, such as for a non-profit organization or community group. (Note: Not more than 3 hours of newspaper/broadcast/public relations practicum may be taken.) (1)

MSCM 3008 - Newspaper Practicum

Students will gain hands-on journalism experience by completing stories for the Xavier Herald. Permission of the instructor is required for enrolling in this course. (Note: Not more than 3 hours of newspaper/broadcast/public relations practicum may be taken.) (1)

MSCM 3009 - Broadcast Practicum

A course for students working on the production of student television programs for air on XTV. Students will get practical experience to reinforce classroom learning while serving on the crew or as hosts, writers, producers, or directors for these university programs. (Note: Not more than 3 hours of newspaper/broadcast/public relations practicum may be taken.) (1)

MSCM 3060 - Strategic Communication Problems

Comprehensive survey of writing techniques for public relations and public affairs assignments: news releases, brochures, speeches, visual presentations, company publications, public relations and advertising copy writing and public service radio and television spots. Prerequisite: MSCM 2222 and MSCM 2030 (3)

MSCM 3190 - Fundamentals of Television Production

Orientation to basic television studio and field production skills including writing, producing, directing, and production crew responsibilities and technical skills. Students learn to blend theory and practice by producing and directing their own television programs. Two hours of lecture and two hours of lab per week. Prerequisites: MSCM 2500 or may be taken concurrently with permission of the instructor. (3)

MSCM 3210 - TV News Gathering and Reporting

Advanced reporting, interviewing, writing, and photography techniques for television news. This course explores the four components of the language of television as they apply in the preparation of television news stories. Students learn to work as reporter, photographer, and editor of these stories and explore the concept of visual essays. Prerequisite: MSCM 3190 (3)

MSCM 3333 - Women and Media

(WMST 3333) This course is developed to explore the media treatment and history of women as media makers. It serves as a foundation for critical inquiry as students explore the media created and mediated "body politic" of women of color. The course is an introduction to critical thinking about the unique experiences of women with respect to the construction of the media as it defines gender and the ways that the intersections of gender, race, ethnicity, politics, class, and sexuality shape their lives. (3)

MSCM 3400 - Design for Digital Media

Computer layout and design for newspapers, brochures, newsletters and other publications pertaining to print journalism and public relations using QuarkXPress and Photoshop. Students will work on practical projects, such as the student newspaper, a departmental newsletter and/or a business/organization media kit. Prerequisites: MSCM 1200, MSCM 2222 and MSCM 2500, or permission of the instructor. (3)

MSCM 3500 - Media Criticism

Development and application of criteria for evaluating media products. Critical analysis of specific programs and articles. Students will present both oral and written critiques of media content and techniques. Prerequisite MSCM 3600 (3)

MSCM 3600 - Introduction to Mass Communication Research

Treatment of mass communication theory and processes in quantitative and qualitative research methodologies. Course includes analysis of complete research projects. Students are provided the opportunity to design and complete basic research projects. Prerequisite: MSCM 2222, MSCM 2500, lower level Philosophy, and lower level Theology. (3)

MSCM 3650 - Advanced Topics in Production

Hands-on experience as part of a professional team. Course aids in the development of practical skills important in print or non-print media. Topic to be determined by instructor. Prerequisites: MSCM 2222 or MSCM 2500 and permission of the instructor. (3)

MSCM 3831 - History of American Mass Media

Survey of cultural history of journalism from pre-colonial times to the present. Special examination of Black journalism history and impact of electronic technologies. Prerequisite MSCM 1100, MSCM 1200 (3, EXP)

MSCM 4007 - Public Relations Practicum

Students will gain hands-on public relations experience by working on the departmental newsletter, The Communicator, or other appropriate publication or public relations campaign, such as for a non-profit organization or community group. (Note: Not more than 3 hours of newspaper/broadcast/public relations practicum may be taken. (1)

MSCM 4008 - Newspaper Practicum

Students will gain hands-on journalism experience by completing stories for the Xavier Herald. Permission of the instructor is required for enrolling in this course. (Note: Not more than 3 hours of newspaper/broadcast/public relations practicum may be taken.) (1)

MSCM 4009 - Broadcast Practicum

A course for students working on the production of student television programs for air on XTV. Students will get practical experience to reinforce classroom learning while serving on the crew or as hosts, writers, producers, or directors for these university programs. (Note: Not more than 3 hours of newspaper/broadcast/public relations practicum may be taken.) (1)

MSCM 4010 - Producing Television Newscasts

Through hands-on experience, students learn to write, format and produce television newscasts. Students are expected to make critical decisions regarding newscast content, treatment and journalistic integrity while creating highly attractive and promotable newscasts under deadline. Prerequisites: MSCM 2500, MSCM 3210, and MSCM 3190, but MSCM 3210 may be taken concurrently with permission of the instructor. (3)

MSCM 4020 - TV Program Production

Through practical exercises and hands-on experience, students learn the process of producing fictional television programs. Students are expected to take a one-half-hour television program idea (sitcom, drama, soap opera) from concept to final shooting schedule. This class emphasizes the business, management and marketing aspects of producing television programs as well as advanced production techniques required of fictional television both on location and in the studio. Prerequisites: MSCM 2500, MSCM 3210, and MSCM 3190, but MSCM 3210 may be taken concurrently with permission of the instructor. (3)

MSCM 4060 - Strategic Communication Campaigns

Study of cases in public relations. Features an in-depth workplace style experience in research, production, application and evaluation of a campaign. Prepares upper level students for professional collaborative working in agencies or organizations. Prerequisites: MSCM 2222, MSCM 2030, and MSCM 3060 (3)

MSCM 4131 - Independent Study

Opportunity for in-depth study or research in an area of interest in mass communication. Area of study to be determined by student in consultation with supervising instructor. Prerequisite: Permission of instructor. (1)

MSCM 4132 - Independent Study

Opportunity for in-depth study or research in an area of interest in mass communication. Area of study to be determined by student in consultation with supervising instructor. Prerequisite: Permission of instructor. (2)

MSCM 4133 - Independent Study

Opportunity for in-depth study or research in an area of interest in mass communication. Area of study to be determined by student in consultation with supervising instructor. Prerequisite: Permission of instructor. (3)

MSCM 4200 - Advanced Strategic Communications

The distinction between public relations, marketing and advertising are converging into the growing emphasis of integrated communications. Integrated Communications in Public Relations (ICPR) is a strategy employed by communications professionals to coordinate and combine messages in order to maximize their impact and promote products, causes or ideas. This course offers an exploratory introduction into integrated communications, highlighting the core disciplines of public relations, advertising, and marketing. The ICPR model is based in the strategic management of organizational communication and promotional opportunities. Prerequisites: MSCM 2222, MSCM 2030, and permission of the instructor. (3)

MSCM 4400 - Environmental Communications

Explores contemporary ecological issues and approaches. Stress on in-depth research and reporting on local environmental problems. (3)

MSCM 4410 - Internship

Hands-on experience provided to students at a communications facility. Professional training experience furnished in media organization, operation, and team effort. One (1) credit internships are available and all internship course credits must be arranged with the Internship coordinator. Prerequisites: Junior or senior status with minimum of 18 hours of MSCM courses or permission of instructor. (3)

MSCM 4430 - Media Law and Ethics

Review of landmark cases in media law, especially First Amendment issues. Case studies of ethical theory and problems in communication practice. Prerequisite MSCM 1200, MSCM 3500 (3)

MSCM 4520 - Seminar in Mass Communication

In-depth study through lecture, discussion, and research of an individual problem or issue in the field of mass communication. Specific subject matter will be chosen by instructor. Prerequisite: Permission of instructor. (3)

MSCM 4999 - Senior Comprehensives

(0)

Mandarin

MDRN 1010 - Elementary Mandarin

Grammar, basic vocabulary, simple conversation, reading, and writing. (3)

MDRN 1020 - Elementary Mandarin

Grammar, basic vocabulary, simple conversation, reading, and writing. (3)

MDRN 2010 - Intermediate Mandarin

The course is designed to further develop the language skills in Chinese based on the beginner's courses (MDRN 1010 and MDRN 1020). The course consists of one semester with a continued focus on developing listening, spoken and reading skills of the course participants. Students will use varied methods in class to practice vocabulary and sentence patterns, as well as to learn conversation skills. These methods include paired dialogues, role play, group discussion, debate, acting out situations, and practice in both oral and written translation. Prerequisites: One year of Chinese language learning experience, or completion of MDRN 1010 and MDRN 1020 at Xavier University of Louisiana.

MDRN 3010 - Special Topics in Chinese

This course is ideal for students who have completed MDRN 2020 or have studied Chinese for at least two years. It aims to help the learners with their communicative ability in Chinese through learning language structures, functions,

and related cultural background knowledge as well as through structured listening, speaking, reading and writing skill training. (3)

Mathematics

MATH 0990D - Preparation for College Mathematics

Signed numbers, fractions, decimals, percentages; linear equations and inequalities, geometric problems involving area and perimeter of basic figures; operations with algebraic expressions; polynomials, simultaneous equations, factoring, radical expressions; operations with complex numbers; quadratic equations; graphing and basic Cartesian geometry. Students will be placed in this course based on their XMPT score. Students completing this course will be eligible to enroll in any first year degree credit math course. A grade of "FE" may be applied for students who are absent four or more times in this course. Corequisite: MATH 0990DR (Non-degree credit, 4, FaSpSu)

MATH 0990DR - Preparation for College Mathematics Drill

Signed numbers, fractions, decimals, percentages; linear equations and inequalities, geometric problems involving area and perimeter of basic figures; operations with algebraic expressions; polynomials, simultaneous equations, factoring, radical expressions; operations with complex numbers; quadratic equations; graphing and basic Cartesian geometry. Meet once per week. A grade of "FE" may be applied for students who are absent four or more times in this course. Corequisite: MATH 0990D. (Non-degree credit, 0, FaSpSu)

MATH 1010 - Principles of Modern Mathematics

Survey of mathematics: topics in college algebra, elementary set theory, elementary number theory, geometry, matrices and their basic operations for non-technical majors. Prerequisite: Completion of all developmental mathematics deficiencies. (3, FaSp)

MATH 1015 - College Algebra for Elementary Education Majors

Algebra of elementary functions and relations to their graphs. Applications and the use of technology are incorporated in this course. Prerequisite: Completion of all developmental mathematics deficiencies. (3)

MATH 1020 - Basic Statistics I

(STAT 2010) Descriptive statistics, probability and statistical inference. Students may not receive credit for both MATH 2010 (STAT 1020) and ECON 2070. Prerequisite: Completion of all developmental mathematics deficiencies. Students may not receive credit for both MATH 2010 (STAT 1020) and ECON 2070. (3, FaSpSu, EXP)

MATH 1030 - Pre-Calculus

Unified college algebra and trigonometry. Elementary functions and relations with their graphs. Prerequisite: Completion of all developmental mathematics deficiencies. (4, FaSpSu)

MATH 1030I - Intensive Pre-Calculus

Unified college algebra and trigonometry. Elementary functions and relations with their graphs. Math 1030I covers the same content as MATH 1030, but it meets 6 hours per week. Prerequisites: completion of all developmental math deficiencies, or adequate score on the XMPT. (4, FaSpSu)

MATH 1070 - Introductory Calculus

The derivative and integral with their principal interpretations and interrelationships; simple techniques of differentiation and integration; numerical integration; applications of differentiation and integration. The use of technology is integrated in this course. Prerequisite: Grade of "C" or better in MATH 1030 or in MATH 1030I or advanced placement by test score or permission of chairperson. **(4, FaSpSu)**

MATH 1070H - Introductory Calculus

Open to selected students only. Students must complete all work in MATH 1070 concurrently and participate in 10 additional meetings in the semester. Prerequisite: Grade of "A" in MATH 1030 or in MATH 1030I or advanced placement by test score or permission of chairperson. **(4, FaSp)**

MATH 2015 - Geometry for Elementary Education Majors

Understanding and applying geometric relationships and problem solving in two and three dimensions. Prerequisite: Grade of "C" or better in MATH 1015 or in MATH 1030 or in MATH 1030I. **(3)**

MATH 2020 - Mathematical Modeling in Life Sciences

Introduction to mathematical models and techniques in life sciences including topics in population biology and epidemiology, cell division, bacterial growth in a chemostat, host-parasitoid systems, and predator-prey systems. The mathematical topics include linear and nonlinear difference equations, in particular the logistic equation, continuous processes described by ordinary differential equations, stability considerations including chaos (for both discrete and continuous models). Use of the technology is integrated in the course. Prerequisite: grade C or higher in MATH 1070/MATH 1070H **(3, Sp, EXP)**

MATH 2025 - Finite Mathematics for Elementary Education Majors

Elementary sets and operations, introduction to combinatorics, elementary graph theory, solving systems of linear equations, introduction to matrices, linear programming, and applications. Prerequisite: Grade of "C" or better in MATH 1015 or in MATH 1030 or in MATH 1030I **(3)**

MATH 2030 - Elementary Linear Algebra

Systems of equations, matrices, determinants, vector spaces, eigenvalues, linear mappings, etc. Prerequisite: Grade of "C" or better in MATH 1030 or MATH 1030I. Corequisite: MATH 1070/MATH 1070H. **(3, FaSp)**

MATH 2040 - Basic Statistics II

(STAT 2020) Hypothesis testing of population means, proportions, etc. Contingency tables, goodness-of-fit, analysis of variance, nonparametric statistics. Introduction of computer packages to analyze data. Prerequisite: Grade of "C" or better in MATH 1020 (or STAT 2010) or ECON 2070. **(4, Sp, EXP)**

MATH 2070 - Calculus II

Continuation of techniques of integration; applications; improper integrals; infinite series. Topics in analytic geometry; polar coordinates and parametric equations. The use of technology is integrated in this course. Prerequisite: Grade of "C" or better in MATH 1070/MATH 1070H. **(4, FaSp)**

MATH 2070H - Calculus II

Open to selected students only. Students must complete all work in MATH 2070 concurrently and participate in 10 additional meetings in the semester. Prerequisite: Grade of "A" in MATH 1070/MATH 1070H or advanced placement by test score or permission of chairperson. **(4, FaSp)**

MATH 2080 - Calculus III

Geometry of three dimensions; real-valued functions of several variables; partial differentiation; multiple integration; Vector analysis; line integrals and surface integrals. The use of technology is integrated in this course. Prerequisite: Grade of "C" or better in MATH 2070/MATH 2070H. **(4, FaSp)**

MATH 2150L - Statistics Technology Lab

(STAT 2150L) Problem-solving in statistics using appropriate statistical software. Prerequisite: Grade of "C" or better in STAT 2010 (MATH 1020) or ECON 2070 **(1, Sp)**

MATH 2160L - Mathematics Technology Lab

Solution of complex mathematical problems using appropriate computer software. Prerequisite: Grade of "C" or better in MATH 1070/MATH 1070H **(1, Sp)**

MATH 2510 - Computational Science & Engineering

PHYS 2510 Introduction in the use of numerical modeling techniques for solving problems in physics, chemistry, and biology. Initially students will be instructed on the use of numerical modeling software MATLAB and then topics within different fields will be used as a context for learning and applying numerical techniques to solve complex systems problems. The Course will cover simple but fundamental aspects of computer simulations with application to selected physical systems. The focus will be on the strategy for the solution of numerical problems, their computer implementation and analysis of the results. The course will have two lectures and one lab every week. No prior programming experience is required.

Prerequisite(s): MATH 1070 (FaSp, 3)

MATH 2530 - Differential Equations

Usual methods of solving ordinary differential equations; introduction to the general theory. Prerequisite: Grade of "C" or better in MATH 2070/MATH 2070H **(3, FaSp)**

MATH 2550 - Discrete Structures for Computer Science and Mathematics I

Symbolic logic is utilized to develop the skill of theorem proving using: mathematical induction, recurrence relations, computer program correctness, set theory, and introduction to networks/graphs. Prerequisite: Grade of "C" or better in PHIL 2040 and MATH 1070/MATH 1070H **(3, Fa)**

MATH 2560 - Discrete Structures for Computer Science and Mathematics II

Symbolic logic is utilized to develop the skill of theorem proving using: relations, functions, injections, surjections, images and inverse images, cardinality, introduction to algebraic structures. Prerequisite: Grade of "C" or better in MATH 2550 (3, Sp)

MATH 3010 - Biostatistics

(STAT 3010) Applications of descriptive and inferential statistics to health science disciplines. Introduction of specialized techniques used in biomedical sciences. Prerequisite: Grade of "C" or better in MATH 1070/MATH 1070H. Corequisite: MATH 3010D/STAT 3010D (3, FaSp, EXP)

MATH 3010D - Biostatistics Drill

(STAT 3010D) Applications of descriptive and inferential statistics to health science disciplines. Introduction of specialized techniques used in biomedical sciences. Biostatistics Drill meets once per week. Prerequisite: Grade of "C" or better in MATH 1070/MATH 1070H. Corequisite: MATH 3010/STAT 3010 (0, FaSp, EXP)

MATH 3040 - Numerical Analysis

Methods of numerical computation. Error analysis, solutions of equations, interpolation and polynomial approximation, least squares approximation, numerical differentiation and integration, numerical solution to differential equations. Prerequisites: Grade of "C" or better in MATH 2080 and working knowledge of some programming language. Corequisite: MATH 2530 (3)

MATH 3110 - Applied Mathematics

Applications of different topics in mathematics with emphasis on modeling techniques. Prerequisites: Grade of "C" or better in MATH 2030 or permission of the instructor. (3)

MATH 3750 - Complex Variables and Applications

Theory and application of complex numbers, complex mappings, analytic and holomorphic functions. Prerequisite: MATH 2080 with a grade of "C" or better. (3)

MATH 4001 - Mathematical Problem Solving I

Helps students develop strategies and abilities for solving complex mathematical problems. Focus is on problems not covered in ordinary course work from a variety of areas in mathematics with emphasis on differential and integral calculus, differential equations, and their applications. Places strong emphasis on critical reasoning, synthesis, and clarity of written expressions. Prerequisite: Grade of "C" or better in each of MATH 2080 and MATH 2530. (1)

MATH 4002 - Mathematical Problem Solving II

Helps students develop strategies and abilities for solving complex mathematical problems. Focus is on problems not covered in ordinary course work from a variety of areas in mathematics with emphasis on discrete mathematics, linear algebra, abstract algebra, and their applications. Places strong emphasis on critical reasoning, synthesis, and clarity of written expressions. Prerequisite: Grade of "C" or better in MATH 2030, MATH 2550 and MATH 2560. (1)

MATH 4010 - Modern Geometry

Elementary foundations of geometry from a rigorous point of view, concepts in advanced Euclidean, projective, and non-Euclidean geometry. Prerequisites: Grade of "C" or better in MATH 2070/MATH 2070H and MATH 2560 or permission of instructor. (3)

MATH 4030 - History of Mathematics

A general survey of the main trends in the development of mathematics from ancient times to the present. The cultural and social contexts of mathematical activity will be studied along with the classic problems. Intensive reading required. Prerequisites: Grade of "C" or better in MATH 2080 and MATH 4010. (3)

MATH 4040 - Mathematical Probability and Statistics I

(STAT 4040) Introduction to concepts of probability and random variables. Discrete and continuous distributions with applications. Algebra of expectations. Covariance and correlation of two random variables. Prerequisite: Grade of "C" or better in MATH 2080 and in STAT 2010 (MATH 1020) or equivalent or permission of the instructor. (3, Fa)

MATH 4045 - Mathematical Probability and Statistics II

(STAT 4045) Purpose and nature of sampling, particularly from normal populations. Chi-square, t, and F distributions. Formulating and testing statistical hypotheses, point and interval estimation. Prerequisite: Grade of "C" or better in MATH 4040 (or STAT 4040). (3, Sp)

MATH 4050 - Real Analysis I

Real number system; Sequences -- their limits, Bolzano-Weirstrass Theorem; Limits of functions; Continuous functions, uniform continuity. Prerequisites: Grade of "C" or better in MATH 2080 and MATH 2560 or permission of instructor. (3, Fa)

MATH 4060 - Real Analysis II

Differentiation, Riemann- Stieltjes integration; Sequences of functions -- uniform convergence, Infinite series. Prerequisites: Grade of "C" or better in MATH 4050 or permission of instructor. (3, Sp)

MATH 4070 - Introduction to Topology

Topology of the line and plane; abstract topological spaces; continuous functions on topological spaces; metric and normed spaces; separation axioms; compactness; product spaces. Prerequisite: MATH 4050 with a grade of "C" or better or permission of the instructor. (3)

MATH 4095 - Abstract Algebra

A study of algebraic structures, focusing on groups and rings, including normal subgroups, quotient groups, permutation groups, cyclic groups, quotient rings, integral domains, elementary ideal theory and homomorphisms. Introduction to field theory. MATH 4095 has three lectures per week. Prerequisites: MATH 2560 or permission of the instructor. Corequisite: MATH 4095D (3, Fa)

MATH 4095D - Abstract Algebra Drill

A study of algebraic structures, focusing on groups and rings, including normal subgroups, quotient groups, permutation groups, cyclic groups, quotient rings, integral domains, elementary ideal theory and homomorphisms. Introduction to field theory. MATH 4095D meets once per week. Prerequisites: MATH 2560 or permission of the instructor. Corequisite: MATH 4095 **(0, Fa)**

MATH 4201 - Special Topics

Topics may vary from semester to semester. May be repeated for credit when the topic changes. Prerequisites: Permission of the instructor. **(1)**

MATH 4202 - Special Topics

Topics may vary from semester to semester. May be repeated for credit when the topic changes. Prerequisites: Permission of the instructor. **(2)**

MATH 4203 - Special Topics

Topics may vary from semester to semester. May be repeated for credit when the topic changes. Prerequisites: Permission of the instructor. **(3)**

MATH 4511 - Colloquium

(STAT 4511) Topic determined each semester by faculty. Independent work by students under the guidance of a faculty member to be presented orally and in writing to student majors and faculty. Meets once per week. Prerequisites: A grade of "C" or better in all MATH or STAT required courses at the 2000-level and junior or senior status. **(1)**

MATH 4521 - Colloquium

(STAT 4521) Topic determined each semester by faculty. Independent work by students under the guidance of a faculty member to be presented orally and in writing to student majors and faculty. Meets once per week. Prerequisites: MATH 4511. A grade of "C" or better in all MATH or STAT required courses at the 2000-level and junior or senior status. **(1)**

MATH 4999 - Senior Comprehensives

(0)

STAT 3810 - Regression Analysis

Function estimation and data exploration using extensions of regression analysis: smoothers, semi-parametric and non-parametric regression, and supervised machine learning. Conceptual foundations are addressed as well as hands-on use for data analysis. Prerequisite: Grade of "C" or better in MATH 1070 (or MATH 1070H), STAT 2010 (or MATH 1020), and STAT 3010 STAT 3010D (or MATH 3010 MATH 3010D) or permission of the Instructor. **(3)**

STAT 3820 - Analysis of Variance

Single factor ANOVA, analysis of factor effects, implementation of ANOVA model, two factor analysis of variance. Conceptual foundations are addressed as well as hands-on use for data analysis. Prerequisite: Grade of "C" or better in STAT 3810 or permission of the Instructor (3)

Musicianship

MUSM 1200 - Italian Diction

Rules of pronunciation in basic Italian song literature. (1)

MUSM 1211 - Voice Class I

Principles of voice production. (1)

MUSM 1212 - Voice Class I

Principles of voice production. (2)

MUSM 1221 - Voice Class II

Principles of voice production. (1)

MUSM 1222 - Voice Class II

Principles of voice production. (2)

MUSM 1270 - Piano Class I

Fundamental piano techniques. (1)

MUSM 1280 - Piano Class II

Fundamental piano techniques. (1)

MUSM 2010 - Foundations in Functional Musicianship I - Voice and Percussion

A brief overview of the vocal mechanism with its fundamental pedagogy and a selected study of percussion instruments. (1)

MUSM 2020 - Foundations in Functional Musicianship II - Woodwinds and Brass

Techniques of woodwind and brass playing and fundamental pedagogy. (1)

MUSM 2180 - Elementary Conducting

Techniques and terminologies for beginning conductors. (2)

MUSM 2200 - French Diction

Rules of pronunciation using basic French song literature. (1)

MUSM 2211 - Voice Class III

More advanced approach to voice production. Prerequisite: MUSM 1211-MUSM 1221 or private voice study. (1)

MUSM 2212 - Voice Class III

More advanced approach to voice production. Prerequisite: MUSM 1211-MUSM 1221 or private voice study. (2)

MUSM 2221 - Voice Class IV

More advanced approach to voice production. Prerequisite: MUSM 1211-MUSM 1221 or private voice study. (1)

MUSM 2222 - Voice Class IV

More advanced approach to voice production. Prerequisite: MUSM 1211-MUSM 1221 or private voice study. (2)

MUSM 2270 - Piano Class III

Continuation of basic piano techniques. Prerequisite: MUSM 1270-MUSM 1280 or private piano study. (1)

MUSM 2280 - Piano Class IV

Continuation of basic piano techniques. Prerequisite: MUSM 1270-MUSM 1280 or private piano study. (1)

MUSM 2290 - Guitar Class

Fundamental techniques and basic fingerings for guitar playing. (1)

MUSM 3010 - Foundations in Functional Musicianship III - Strings and Guitar

Basic techniques of playing stringed instruments and basic fingering and techniques of guitar playing. (1)

MUSM 3180 - Advanced Conducting

Advanced techniques, strategies, and terminology for conducting band, orchestra, and chorus; guidance in conducting choral, orchestra, and band rehearsals and performances. Prerequisite: MUSM 2180 (2)

MUSM 3200 - German Diction

Rules for pronunciation using basic German song literature. (1)

MUSM 3270 - Piano Class V

Advanced techniques of piano study. Prerequisites: MUSM 2270-MUSM 2280 (1)

MUSM 3280 - Piano Class VI

Advanced techniques of piano study. Prerequisites: MUSM 2270-MUSM 2280 (1)

MUSM 4001 - Directed Readings in Music

(1)

MUSM 4002 - Directed Readings in Music

(2)

MUSM 4003 - Directed Readings in Music

(3)

MUSM 4010 - Foundations in Functional Musicianship IV - Technology in the Teaching of Music.

An introduction to music technology in software and computer programs, audio-visual teaching support technology, PowerPoint, and the use of digital piano/computer lab. (1)

MUSM 4101 - Special Topics in Music

Selected studies in the history, literature, performance, or theory of music. (1)

MUSM 4102 - Special Topics in Music

Selected studies in the history, literature, performance, or theory of music. (2)

MUSM 4103 - Special Topics in Music

Selected studies in the history, literature, performance, or theory of music. (3)

MUSM 4210 - Vocal Pedagogy and Literature I

Pedagogical and historical concepts in vocal study, vocal production and vocal literature. Prerequisite: Junior or senior status. (2)

MUSM 4220 - Vocal Pedagogy and Literature II

Pedagogical and historical concepts in vocal study, vocal production and vocal literature. Prerequisite: Junior or senior status. (2)

MUSM 4250 - Major Applied Instrument Pedagogy and Literature I

Pedagogical and historical concepts of the major applied instruments, methodologies, and literature. Prerequisite: Junior or senior status. (2)

MUSM 4260 - Major Applied Instrument Pedagogy and Literature II

Pedagogical and historical concepts of the major applied instruments, methodologies, and literature. Prerequisite: Junior or senior status. (2)

MUSM 4270 - Piano Pedagogy and Literature I

Pedagogical and historical concepts in piano study, methodologies and literature. Prerequisite: Junior or senior status. (2)

MUSM 4280 - Piano Pedagogy and Literature II

Pedagogical and historical concepts in piano study, methodologies and literature. Prerequisite: Junior or senior status. (2)

MUSM 4999 - Senior Comprehensives

Required in last semester of residence for Bachelor of Arts majors. (0)

Music Education

MUME 2013 - Elementary Classroom Music

Study of music fundamentals and the materials and methods of teaching music in the elementary school. Designed for Elementary Education majors only. (3)

MUME 2044 - Classroom Management & Rehearsal Organization

Introduces methodologies and materials for teaching classroom management and organization as it applies to the music classroom and the vocal/instrumental rehearsal. This course provides an in-depth analysis of principles underlying effective rehearsal techniques and management practices for diverse classroom situations (small and larger ensembles or groups). (3)

MUME 3021A - Methods of Teaching Music K-8

At the completion of this course, the student will be able to prepare materials to be used in music instruction and demonstrate historical, experimental and other pedagogical strategies in the teaching of choral, instrumental, and general music in the K-12 grade levels. Prerequisite(s): Admitted into TEP. (3, Sp)

MUME 3021B - Methods of Teaching Music 9-12

Introduces methodologies and materials for music teaching in grades 9 thru 12 with emphasis on: the historical, pedagogical and experimental approaches to school music teaching, Choral and Instrumental, teaching techniques and strategies for the secondary school student and curriculum evaluation. Prerequisite(s): Admitted into TEP. (3, Sp)

MUME 3023 - Special Methods

Prepares the student to plan, evaluate and use instructional strategies suited to Music Education. (3)

MUME 4061S - Seminar in Student Teaching in Music

See EDSC 4061S (0)

MUME 4061T - Student Teaching in Music

See EDSC 4061 (9)

Music History

MUSH 1050 - Introduction to Music History and Literature I

An overview of the fundamentals of the history and literature of music from the Medieval through the Baroque Periods. This course will emphasize listening and is designed for music majors. (3)

MUSH 1070 - Introduction to Music History and Literature II

An overview of the fundamentals in the history and literature of music from 18th century Classicism through the New Music of the 20th century. This course will emphasize listening and is designed for music majors. (3)

MUSH 2000 - Music Appreciation

General study in the history and literature of music designed for the non-music major. (3)

MUSH 2050 - Music History I

Ancient, Medieval, and Renaissance music. Prerequisite: MUSH 1050 (3)

MUSH 2060 - Music History II

Music of the Baroque era Prerequisite: MUSH 1050 (3)

MUSH 2130 - Afro-American Music

(AADS 2130) Music of the African American. (3)

MUSH 2140 - Afro-American Music

(AADS 2140) Music of the African American. (3)

MUSH 3050 - Music History III

Classical and Romantic music. Prerequisite: MUSH 1050 (3)

MUSH 3060 - Music History IV

Contemporary music. Music of the 20th century. Prerequisite: MUSH 1050 (3)

Music Recitals

MURE 1070A - Recital Class

Weekly recitals for performance experiences. Required of all music majors. (0)

MURE 1070B - Recital Class

Weekly recitals for performance experiences. Required of all music majors. (0)

MURE 2070A - Recital Class

Weekly recitals for performance experiences. Required of all music majors. (0)

MURE 2070B - Recital Class

Weekly recitals for performance experiences. Required of all music majors. (0)

MURE 3000 - Junior Recital

Required during junior year of all performance majors. (0)

MURE 3070A - Recital Class

Weekly recitals for performance experiences. Required of all music majors. (0)

MURE 3070B - Recital Class

Weekly recitals for performance experiences. Required of all music majors. (0)

MURE 4000 - Senior Recital

Required during senior year of all performance majors. (0)

MURE 4070A - Recital Class

Weekly recitals for performance experiences. Required of all music majors. (0)

MURE 4070B - Recital Class

Weekly recitals for performance experiences. Required of all music majors. (0)

MURE 4070B - Recital Class

Weekly recitals for performance experiences. Required of all music majors. **(0)**

Music Theory

MUST 1030 - Music Theory I

Rudiments of music; part-writing techniques; primary, secondary triads and dominant sevenths and inversions. Prerequisite: Entrance examination. **(3)**

MUST 1030L - Music Theory Lab I

Emphasis on sight-reading, ear-training, and dictation. Prerequisite: Entrance examination. **(1)**

MUST 1040 - Music Theory II

Rudiments of music; part-writing techniques; primary, secondary triads and dominant sevenths and inversions. Prerequisite: MUST 1030 **(3)**

MUST 1040L - Music Theory Lab II

Emphasis on sight-reading, ear-training, and dictation. Prerequisite: MUST 1030L **(1)**

MUST 2030 - Music Theory III

Advanced part-writing; seventh chords, secondary dominants, simple and advanced alterations; modulation; chromatic harmony; 20th century applications. Prerequisite: MUST 1030-MUST 1040. **(3)**

MUST 2030L - Music Theory Lab III

Advanced sight-reading, ear-training, and dictation. Prerequisite: MUST 1030L-MUST 1040L. **(1)**

MUST 2040 - Music Theory IV

Advanced part-writing; seventh chords, secondary dominants, simple and advanced alterations; modulation; chromatic harmony; 20th century applications. Prerequisite: MUST 1030-MUST 1040 and MUST 2030 **(3)**

MUST 2040L - Music Theory Lab IV

Advanced sight-reading, ear-training, and dictation. Prerequisite: MUST 1030L-MUST 1040L and MUST 2030L **(1)**

MUST 3030 - Eighteenth Century Counterpoint

Contrapuntal techniques and stylistic functions found in Baroque forms; practical application to writing in this style. Prerequisites: MUST 1030-MUST 1040 and MUST 2030-MUST 2040. **(2)**

MUST 3090 - Orchestration

Study of and writing for orchestral instruments. Prerequisites: MUST 1030-MUST 1040 and MUST 2030-MUST 2040. (2)

MUST 3111 - Composition I

Study of compositional methods and writing in small forms. Prerequisites: MUST 1030-MUST 1040 and MUST 2030-MUST 2040. (2)

MUST 3112 - Composition II

Study of compositional methods and writing in small forms. Prerequisites: MUST 1030-MUST 1040 and MUST 2030-MUST 2040. (2)

MUST 4030 - Analytical Techniques I

Historical analysis of music from Medieval to Contemporary era. Prerequisites: MUST 1030-MUST 1040 and MUST 2030-MUST 2040. (2)

MUST 4040 - Analytical Techniques II

Historical analysis of music from Medieval to Contemporary era. Prerequisites: MUST 1030-MUST 1040 and MUST 2030-MUST 2040. (2)

MUST 4500H - Music Theory Honors Seminar

A seminar project under the supervision of a selected faculty person in fulfillment of departmental requirements to graduate with honors in music theory. The students who elects to complete this program must choose one of the following projects: (A) composing an original work of one or two movements, (B) arranging an approved composition, or (C) the formal analysis of an approved composition. (1)

Pharmaceutics

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHCT 3050 - Pharmaceutics I

Concepts of design, preparation, use and evaluation of solid and semi-solid dosage forms. Specific topics include powders, tablets, capsules, coated dosage forms, suspensions, emulsions, magmas, gels, lotions, ointments, creams, pastes, suppositories, transdermal systems, sustained release products and novel drug delivery systems. *Prerequisite: PHCY 3620 Corequisites: PHCT 3050 and 3050L are mutually corequisite.* (3, Sp)

PHCT 3050L - Pharmaceutics I

Concepts of design, preparation, use and evaluation of solid and semi-solid dosage forms. Specific topics include powders, tablets, capsules, coated dosage forms, suspensions, emulsions, magmas, gels, lotions, ointments, creams, pastes, suppositories, transdermal systems, sustained release products and novel drug delivery systems. *Prerequisite: PHCY 3620 Corequisites: PHCT 3050 and 3050L are mutually corequisite* (1, Sp)

PHCT 4550 - Pharmaceutics II

Concepts of design, preparation, use, and evaluation of liquid dosage forms. Principles of ionic equilibria, pharmaceutical buffers, colligative properties, chemical kinetics and solubility product are discussed. Specific topics include oral, nasal ophthalmic, parenteral, topical, aerosol solutions and products of biotechnology and recombinant DNA. Prerequisite: PHCY 3620 (3, Fa)

PHCT 4650 - Biopharmaceutics and Basic Pharmacokinetics

Mathematical descriptions of the complex processes involved in drug release, absorption, distribution, metabolism and excretion. Introduction to the basic pharmacokinetic principles necessary for the assessment of bioavailability and bioequivalence, drug interactions and calculations of dosage regimens. Prerequisites: PHCT 3050 and PHCT 4550 (3, Sp)

PHCT 4800 - Biopharmaceutics and Basic Pharmacokinetics

Mathematical descriptions of the complex processes involved in drug release, absorption, distribution, metabolism and excretion. Introduction to the basic pharmacokinetic principles necessary for the assessment of bioavailability and bioequivalence, drug interactions and calculations of dosage regimens. *Prerequisites: PHCT 3050 and PHCT 4550* (3, Sp)

Pharmacy

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHCY 3010 - Exploring Global Health Disparities

Exposes students to the current state of health and healthcare in low and middle-income countries. The course will concentrate on communicable diseases and explore the impacts that governmental healthcare regulations, global conflict, cultural beliefs and practices, and economic development have on the current status of health in developing countries. Prerequisite: Admission to the College of Pharmacy (2, Fa or Sp)

PHCY 3610 - Drug Information and Literature Evaluation I

Designed to introduce the professional pharmacy student to the use of medical literature in pharmacy practice. Students will practice strategies for searching published literature databases and develop professional, evidence-based responses to drug information questions. Knowledge and skills necessary to critically evaluate medical literature and apply scientifically valid evidence-based research in pharmacy practice will also be developed. Prerequisite: Admission to the College of Pharmacy (1, Fa)

PHCY 3620 - Pharmaceutical Calculations

Reviews basic arithmetic skills, and discusses fundamental calculations encountered in the practice of pharmacy. The course focuses on the application of mathematical concepts in understanding, interpreting, compounding and dispensing prescriptions and medication orders. *Prerequisite: Admission to the College of Pharmacy* (2, Fa)

PHCY 4000 - Women's Health

Focuses on factors affecting women's premature morbidity and mortality. Students will be required to evaluate the role of the pharmacist in decreasing this sequelae while optimizing patient's health related quality of life (QOL). Specific areas of study include contraception, menopause, osteoporosis and other disease states that disproportionately affect the female gender. Prerequisites: PHAD 4220 (2, Sp)

PHCY 4001 - Cancer: Causes, Treatment, and Disparities

BIOL 4000 Explores cancer incidence, development, biology, treatment and cultural considerations including health disparities. Team-taught and jointly offered by Tulane and Xavier Universities. Open to Xavier University undergraduates and pharmacy students, Tulane university undergraduates and graduate students. Pharmacy Prerequisite: PHSC 3810 (3, Sp)

PHCY 4100 - Advanced Pediatric Pharmacotherapy

Prepares students with the basic knowledge for the care of pediatric patients in various settings. The course will cover physical, psychological, and physiologic development as it relates to drug therapy. It also focuses on the pharmacists' role in pediatric pharmacotherapy for various disease states. Prerequisites: Successful completion of all P1, P2, and first semester P3 courses. (2, Fa)

PHCY 4610 - Drug Information and Literature Evaluation II

Designed to introduce the professional pharmacy student to the use of medical literature in pharmacy practice. Students will practice strategies for searching published literature databases and develop professional, evidence-based responses to drug information questions. Knowledge and skills necessary to critically evaluate medical literature and apply scientifically valid evidence-based research in pharmacy practice will also be developed. Prerequisite: PHCY 3610 (1, Fa)

PHCY 4830 - Drug-Induced Diseases Online/Hybrid

Provides students with information on drug-induced disease states through online discussions, illustrations, and practice in patient-case scenarios. The student will learn how specific drugs may cause injury to a patient in the presence of predisposing risk factors. With an increased number of drug entities and accelerated FDA drug approvals, recent medical advances have resulted in products with both promise and risk. Simultaneously, established drug entities often exert predictable yet unnecessary harm to patients when susceptibility and therapeutic options are not recognized by health providers. This course should provide the background for students to recognize drugs that cause diseases and the patient populations most at risk. This information is intended for application on student rotations, pharmacy residencies, or future practice as a knowledgeable, competent pharmacist. Prerequisites: PCLN 4775, PCLN 4776, PCLN 4777, and PCLN 4778

PHCY 5601 - Interprofessional Practice I

Interprofessional Practice I provides an opportunity for students in the LSUHSC Schools of Allied Health, Dentistry, Medicine, Nursing and Public Health and the Xavier College of Pharmacy to participate in an interprofessional education (IPE) learning experience. It begins with an introduction to IPE and interprofessional practice (IPP). The reports from the Institute of Medicine and the Interprofessional Education Collaborative (IPEC) will provide the framework for the session topics, team activities and expected student competencies. Students will learn about the various scopes of practice, study team-based health care, and discuss patient cases. Prerequisite: PCLN 4770, PCLN 4771, PCLN 4772, PCLN 4773, and PCLN 4774

PHCY 5610 - Drug Information and Literature Evaluation III

Designed to introduce the professional pharmacy student to the use of medical literature in pharmacy practice. Students will practice strategies for searching published literature databases and develop professional, evidence-based responses to drug information questions. Knowledge and skills necessary to critically evaluate medical literature and apply scientifically valid evidence-based research in pharmacy practice will also be developed. Prerequisite: PHCY 4610 Corequisite: PHAD 5220 (1, Fa)

Pharmacy Administration

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHAD 4220 - Public Health/Epidemiology

Offers students an introduction to the principles of public health and their application to the field of pharmacy. Students will be introduced to the history of public health; the role and use of epidemiology; community health promotion and planning; building cultural competence; characteristics of local and state public health infrastructure; aspects of emergency preparedness; and the unique role of pharmacy in advancing the aims of public health. Prerequisites: PHCY 3610 and PHCY 4610 (1, Sp)

PHAD 5120 - Seminar in Pharmacy Ethics

Guides the student in applying professional and personal ethical beliefs and models to practice inspired scenarios. Students will work to solve ethical dilemmas and propose solutions to ethical challenges. Prerequisites: PCLN 4770, PCLN 4771, PCLN 4772, PCLN 4773, PCLN 4774, PHCY 4610, PCLN 3630/PCLN 3630L, and PHAD 4220 (1, Fa,Sp)

PHAD 5220 - Pharmacoeconomics and Health Outcomes

Introduces principles of pharmacoeconomics and concepts of health outcomes research. Different types of economic analysis applied to pharmaceuticals and pharmaceutical services are discussed, including cost-of-illness analysis, cost-minimization analysis, cost-benefit analysis, cost-effectiveness analysis and cost-utility analysis. The course also features decision analysis, pharmacoepidemiology and discussion of delivery, financing and reimbursement in the health care system. Prerequisites: PHCY 3610 ,PHCY 4610, and PHAD 4220 Co-requisites: PHCY 5610 and PCLN 5610L

PHAD 5320 - Pharmacy Management

Provides an introductory overview of the financial, administrative and sociobehavioral aspects associated with the operation of a pharmacy in any practice setting. Both principles and methods derived from basic disciplines such as management operations, organization, human resources management, accounting, finance, marketing and risk management are related to decision-making and management in a pharmacy environment. Organizational structure and behavior, planning, leadership, financial analysis, budgeting, third party payer considerations, inventory purchasing and management, managing medication errors and entrepreneurship and innovation are among the topics included in the course. Prerequisite: PCLN 3630/PCLN 3630L, PCLN 4601, and PCLN 4602 Corequisites: PHAD 5420 and PCLN 5620L

PHAD 5420 - Pharmacy Law

A team-based learning approach to the study of the Federal Food Drug and Cosmetic Act, Controlled Substance Act, HIPAA, Sherman Antitrust Act, Selected Sections of the Social Security ACT, CMS Regulations, Patriot Act, Louisiana State Pharmacy Practice Act and Board of Pharmacy Regulations with selected comparisons to state regulation around the United States. Prerequisites: PHCY 4610, PHAD 5220, PCLN 3630/PCLN 3630L, PCLN 4630L, and PCLN 4640L Corequisite: PHAD 5320

Pharmacology

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHCL 3610 - Biomedical Immunology

Immunology from a biomedical/clinical perspective as applied to pharmacy practice. Introduces basic principles of the immune system as an adaptive physiological system with an emphasis on drugs that regulate the immune system, immunological molecules as drugs, and immune system-based diseases and syndromes. Prerequisite: Admission to the College of Pharmacy. (2, Fa)

PHCL 3620 - Human Physiology and Anatomy

(BIOL 3450) Comprehensive view of the human body emphasizing individual systems and their interactions with each other and exogenous materials. Limited to Pharmacy students. Prerequisite: BIOL 1240 (3, Fa)

PHCL 3620L - Human Physiology and Anatomy

(BIOL 3450L) Comprehensive view of the human body emphasizing individual systems and their interactions with each other and exogenous materials. Limited to Pharmacy students. Prerequisite: BIOL 1240 (1, Sp)

PHCL 3630 - Human Physiology and Anatomy

(BIOL 3460) Comprehensive view of the human body emphasizing individual systems and their interactions with each other and exogenous materials. Limited to Pharmacy students. Prerequisite: BIOL 1240 (3, Sp)

Pharmaceutical Sciences

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHSC 3650 - Pharmacy Biotechnology and Pharmacogenomics

Implements the use of the Central Dogma and molecular biology in the characterization of genetic variants, producing recombinant drugs/biologics that are used for pharmacological intervention and incorporates the use of pharmacogenomics and other diagnostic tools in the detection, treatment, and management of diseases based on the evidence-based practices for patient-centered care. Prerequisites: PHSC 3810 and PHCL 3610 (3, Sp)

PHSC 3810 - Pharmacy Biochemistry/Molecular Biology

Presents an integration of the biochemistry and molecular biology of cellular interactions. Molecular biology topics include molecular aspects of gene structure and function, DNA damage, and repair, replication, transcription, control of gene expression, translation and post-translational processing. Protein-related topics include protein structure-function, protein folding, enzyme kinetics, and the study of metabolic processes, pathways, and their regulation. Membrane associated energetics, mechanisms of signal transduction, blood coagulation and fibrinolysis, and the enzymology of drug metabolism are also covered. *Prerequisite: Admission to the Xavier University College of Pharmacy (4, Fa)*

PHSC 3910 - Medicinal Chemistry/ Pharmacology (MCP) I

The MCP courses integrated the sciences of medicinal chemistry and pharmacology and are designed to teach students how the physiochemical properties governing structure-activity relationships of drugs impact their pharmacological properties such as pharmacodynamics/pharmacokinetic characteristics, therapeutic utility, drug-drug interactions, and associated significant adverse drug reactions. *Prerequisites: PHSC 3810 and PHCL 3620/ PHCL 3620L Corequisite: PCLN 3700 and PHCL 3630 (4, Sp)*

PHSC 4910 - Medicinal Chemistry/Pharmacology (MCP) II

The MCP courses integrated the sciences of medicinal chemistry and pharmacology and are designed to teach students how the physiochemical properties governing structure-activity relationships of drugs impact their pharmacological properties such as pharmacodynamics/pharmacokinetic characteristics, therapeutic utility, drug-drug interactions, and associated significant adverse drug reactions. Prerequisite: PHSC 3910, PHCL 3620, and PHCL 3630 Corequisite: Therapeutics II. (4, Fa)

PHSC 4920 - Medicinal Chemistry/Pharmacology (MCP) III

The MCP courses integrated the sciences of medicinal chemistry and pharmacology and are designed to teach students how the physiochemical properties governing structure-activity relationships of drugs impact their pharmacological properties such as pharmacodynamics/pharmacokinetic characteristics, therapeutic utility, drug-drug interactions, and associated significant adverse drug reactions. Prerequisites: PHSC 3910, PHCL 3620, and PHCL 3630 Corequisite: Therapeutics III (4, Sp)

PHSC 5910 - Medicinal Chemistry/Pharmacology (MCP) IV.

The MCP courses integrated the sciences of medicinal chemistry and pharmacology and are designed to teach students how the physiochemical properties governing structure-activity relationships of drugs impact their pharmacological properties such as pharmacodynamics/pharmacokinetic characteristics, therapeutic utility, drug-drug interactions, and associated significant adverse drug reactions. Prerequisite: PHSC 3910 and PHCL 3620 Corequisite: Therapeutics IV (4, Fa)

Physical Education Academic

PHED 2015 - Elementary School Physical Education

At the completion of this course, students will have been provided with knowledge of general procedures needed to develop competencies for class organization and methods of teaching physical education in grades K-8. Education majors and minors must complete an on-site Practicum at an assigned elementary school. Prerequisite(s): None (3, Fa)

Physical Education Activity

PHED 1030 - Techniques

At the completion of this course, students will be able to proficiently execute a variety of fundamental motor skills (fine and gross motor). These skills will be developed through participating in play, low organized games, lead-up games, rhythm activity, relays, and board games. This is an excellent course for individuals interested in a different approach to physical education. Prerequisite(s): None (2)

PHED 1041 - Basic Aerobics

At the completion of this course, students will be able to proficiently execute a variety of dance routines and display knowledge competency in aerobic exercise. Prerequisite(s): None (1)

PHED 1050 - Beginning Tennis

At the completion of this course, students will be able to display knowledge, competency and fundamental skill proficiency in tennis. Prerequisite(s): None (1)

PHED 1070 - Folk Dancing

At the completion of this course, students will be able to display knowledge, competency and proficiency perform a variety of fundamental steps in traditional folk dances. Prerequisite(s): None (1)

PHED 1200 - Step Aerobics

Development of cardiovascular conditioning through aerobic exercise and dance routines. Prerequisite(s): None (1)

PHED 1210 - Volleyball and Basketball

At the completion of this course, the students will have an understanding of basic techniques, strategies, and rules of volleyball and basketball. Prerequisite(s): None (1)

PHED 2070 - Tai Chi Chuan

At the completion of this course, students will be able to display knowledge, competency and fundamental skill proficiency in Tai Chi Chuan. Prerequisite (s): None (3)

PHED 2400 - Beginning Karate

At the completion of this course, students will be able to display knowledge, competency and fundamental skill proficiency in karate. Prerequisite(s): None (3)

PHED 2410 - Intermediate Karate

At the completion of this course, students will be able to display knowledge, competency and fundamental skill proficiency in intermediate karate skills. Prerequisite(s): PHED 2400 (3)

PHED 2420 - Advanced Karate

At the completion of this course, students will be able to display knowledge, competency and fundamental skill proficiency in advanced karate skills. Prerequisite(s): PHED 2400 and PHED 2410 (3)

PHED 3080 - Team and Individual Sports

At the completion of this course, students will be able to display knowledge and competencies in coaching techniques and strategies for a variety of team and individual sports. Prerequisite(s): None (2)

PHED 3120 - Advanced Tennis

At the completion of this course, students will be able to display knowledge, competency and proficiency in advanced tennis skills. Prerequisite(s): PHED 1050 or passing score in PHED 0990TE. (2)

Physical Education Test-Out

*Upon completion of a test-out course, students will have successfully performed and passed at least 70% of the skills required for their respective sport. **Test-out courses fulfill the core curriculum physical education requirement but do not offer academic credit.**

PHED 1000B - Physical Education Requirement Basketball

New freshman and new transfer students' skills test in basketball. *Upon completion of a test-out course, students will have successfully performed and passed at least 70% of the skills required for their respective sport. Test-out courses fulfill the core curriculum physical education requirement but do not offer academic credit.**(0, FaSp)**

PHED 1000T - Physical Education Requirement Tennis

New freshman and new transfer students' skills test in tennis. *Upon completion of a test-out course, students will have successfully performed and passed at least 70% of the skills required for their respective sport. Test-out courses fulfill the core curriculum physical education requirement but do not offer academic credit.**(0, FaSp)**

PHED 1000Tr - Physical Education Requirement Track

New freshman and new transfer students' skills test in track. *Upon completion of a test-out course, students will have successfully performed and passed at least 70% of the skills required for their respective sport. Test-out courses fulfill the core curriculum physical education requirement but do not offer academic credit.**(0, FaSp)**

PHED 1000V - Physical Education Requirement Volleyball

New freshman and new transfer students' skills test in volleyball. *Upon completion of a test-out course, students will have successfully performed and passed at least 70% of the skills required for their respective sport. Test-out courses fulfill the core curriculum physical education requirement but do not offer academic credit.**(0, FaSp)**

Philosophy - Group 1: Introductory Courses

A STUDENT MAY NOT TAKE MORE THAN ONE OF THESE COURSES TO SATISFY CORE CURRICULUM REQUIREMENTS.

PHIL 1030 - Great Books in Philosophy

This course introduces the student to philosophy using the original writings of several philosophers from the classical to the contemporary periods. The goals of this course include developing the student's capacity for critical reading, writing, and thinking, with a general consideration of the nature, methods, and cultural impact of philosophy. This is an Introductory Course. A student may not take more than one of these courses to satisfy core curriculum requirements (PHIL 1030-PHIL 1070). Prerequisite: Completion of any required developmental Reading course. **(3, FaSp)**

PHIL 1070 - Problems in Philosophy

This course introduces the student to philosophy using the fundamental questions of philosophy as well as some of the most outstanding contributions to their solutions, with a general consideration of the nature, methods, and cultural impact of philosophy. The goals of this course include developing the student's capacity for critical reading, writing, and thinking. This is an Introductory Course. A student may not take more than one of these courses to satisfy core curriculum requirements (PHIL 1030-1070). Prerequisite: Completion of any required developmental Reading course. **(3, FaSp)**

Philosophy - Group 2

THE FOLLOWING COURSES MAY BE TAKEN EITHER AS INTRODUCTORY COURSES OR AS UPPER LEVEL COURSES.

PHIL 2000 - Special Topics in Philosophy

Exploration of special philosophical topics in a manner that is challenging yet accessible to the philosophical novice. Topics vary from one semester to the next. Prerequisite: Completion of any required developmental Reading course. (3)

PHIL 2011 - Ancient and Medieval Philosophy

This course introduces the student to western philosophy by focusing on the writings of several philosophers from the ancient and medieval periods, including Plato and Aristotle. Topics typically covered include the Socratic method of philosophy, the significance of the human soul, teleological approaches to nature, and the role of faith and reason in the pursuit of knowledge. The goals of this course include improving the student's capacity for critical reading, writing, and thinking. May be taken either as an Introductory Course or an Upper Level Course. Prerequisite: Completion of any required developmental Reading course. (3)

PHIL 2021 - Modern Philosophy

This course introduces the student to western philosophy by focusing on the innovations of the modern age, roughly the period from the mid-17th to the early 19th century. Emphasis will be placed on the philosophical movements known as Rationalism, Empiricism, and Idealism. The goals of this course include improving the student's capacity for critical reading, writing, and thinking. May be taken either as an Introductory Course or an Upper Level Course. Prerequisite: Completion of any required developmental Reading course. (3)

PHIL 2031 - 19th and 20th Century Philosophy

This course introduces the student to western philosophy by exploring some of its major themes from the 19th and 20th centuries. Topics typically covered include: the nature of the self and subjectivity; knowledge; language, meaning, and mind; morality and society; and the future of philosophy. The goals of this course include improving the student's capacity for critical reading, writing, and thinking. May be taken either as an Introductory Course or an Upper Level Course. Prerequisite: Completion of any required developmental Reading course. (3)

PHIL 2040 - Logic

This course provides a systematic study of propositional (sentential) logic and predicate (quantificational) logic through identity with the aim of learning the formal methods of distinguishing correct from incorrect reasoning and application of these methods to various areas of inquiry. The goals of this course include increasing the student's ability to reason rigorously. May be taken either as an Introductory Course or an Upper Level Course. Prerequisite: Completion of any required developmental Reading course. (3, FaSp)

PHIL 2045 - Ethics: General Principles

This course offers a study of the nature of ethics and the ethical themes and theories that influence modern culture. The goals of this course include improving the student's capacity for critical reading, writing, and thinking about ethical principles. May be taken either as an Introductory Course or an Upper Level Course. Prerequisite: Completion of any required developmental Reading course. (3)

PHIL 2050 - Social and Political Philosophy

This course introduces and critically examines ideas that are essential to understanding and fostering a just and humane society. Typical course topics include the relationship between liberty and equality, the meaning and value of democracy and citizenship, the relation of state and civil society, and the complicated relationship between 'liberalism' and 'conservatism.' Readings will be drawn from both ancient and modern sources. May be taken either as an Introductory Course or an Upper Level Course. Prerequisite: Completion of any required developmental Reading course. (3)

PHIL 2080 - African American Philosophy

(AADS 2080) This course studies philosophical issues associated with the African American experience. This course will increase the student's knowledge of the nature of African American philosophy, the concepts of race and culture, the nature of racism and discrimination, and the justifiability of affirmative action. May be taken either as an Introductory Course or an Upper Level Course. Prerequisite: Completion of any required developmental Reading course. (3, EXP)

Philosophy - Group 3: Upper Level Courses

THE FOLLOWING COURSES HAVE A PREREQUISITE OF AT LEAST ONE PHILOSOPHY COURSE

PHIL 2260 - Philosophy of Art

This course will increase the student's knowledge of the theories of art, beauty, art criticism, and creativity. It will focus not only on theoretical understanding of art but also on applications of these theories to the major arts. This is an Upper Level Course. Prerequisite: 3 semester hours in philosophy. (3, EXP)

PHIL 2270 - Philosophy of Religion

This course will increase the student's knowledge of reasons for and against various fundamental religious beliefs, particularly arguments for the existence of God, the nature and significance of religious experience, the nature of religious faith, and the place of religion in culture as a whole. This is an Upper Level Course. Prerequisite: 3 semester hours in philosophy. (3, EXP)

PHIL 2400 - Health Ethics

This course will survey a range of ethical issues pertaining to the health professions. Topics to be examined typically include: professional obligations and the physician-patient relationship, abortion, euthanasia, genetic research, experimentation, and the claim to health-care. Classroom time will be devoted to discussion of philosophical essays and case scenarios concerning these topics. This is an Upper Level Course. Prerequisite: 3 semester hours in philosophy. (3, FaSp, EXP)

PHIL 2410 - Business Ethics

This course will survey a range of ethical issues arising in our contemporary culture that we as individuals will encounter while working in institutions, business organizations, and the professions. Among the ethical issues to be examined typically are: the ethical basis of business, the rights and responsibilities of corporations and their employees, and the relations of business to society and the individual. This is an Upper Level Course. Prerequisite: 3 semester hours in philosophy. (3, FaSp, EXP)

PHIL 3000 - Special Topics Seminar in Philosophy

Critical exploration and analysis of selected philosophical issues through a seminar format that emphasizes discussion and student participation. Topics vary according to the interests of students and faculty, and change from one semester to the next. Prerequisite: 3 semester hours in philosophy. (3)

PHIL 3250 - Philosophy of Science

This course will increase the student's knowledge of the scientific method, the nature of science, and the relationship of science to other academic disciplines and to culture at large. This is an Upper Level Course. Prerequisite: 3 semester hours in philosophy. (3, EXP)

PHIL 3260 - Philosophy of Law

This course examines the relationship between law and morality, with particular attention to the use of moral principles in the analysis of legal doctrine. This is an Upper Level Course. Prerequisite: 3 semester hours in philosophy. (3, EXP)

PHIL 3400 - Ethical Conduct in Scientific Research

This course is a philosophical examination of ethical issues in scientific research. The students will practice recognizing ethical problems in research and resolving them in a well-reasoned manner. Students will examine the prevailing legal and professional norms of ethical research, as well as the broader values those norms reflect. Research ethics is about not only what a researcher *does* but also the type of person he or she *is*. This course thus considers the important roles that virtue and integrity play in research ethics. Specific ethical issues to be examined include: the treatment of data, mistakes and negligence, research misconduct, intellectual property, and the human genome project.

Prerequisite: 3 semester hours in Philosophy. 3

PHIL 4001 - Directed Reading

This course allows philosophy majors (and other interested students with the consent of the chairperson) to pursue a research project in philosophy. This is an Upper Level Course. Prerequisite: six semester hours in philosophy and permission of department head. (1, 2, or 3)

PHIL 4002 - Directed Reading

This course allows philosophy majors (and other interested students with the consent of the chairperson) to pursue a research project in philosophy. This is an Upper Level Course. Prerequisite: six semester hours in philosophy and permission of department head. (1, 2, or 3)

PHIL 4003 - Directed Reading

This course allows philosophy majors (and other interested students with the consent of the chairperson) to pursue a research project in philosophy. This is an Upper Level Course. Prerequisite: six semester hours in philosophy and permission of department head. (1, 2, or 3)

PHIL 4999 - Senior Comprehensives

This is an Upper Level Course. (0)

Physics

A grade of C or better in a prerequisite course is required before a student may progress to the next course.

PHYS 1010 - General Astronomy

This is a survey course in astronomy and open to any student with an interest in astronomy (regardless of major) and satisfies the natural science requirement. Topics will be chosen from such areas as history of astronomy, telescopes, the solar system and its origin, stellar evolution, galaxies, cosmology and life in the universe. It includes one laboratory session per week. Prerequisite(s): None (3, Fa, EXP)

PHYS 1121 - General Physics I

Usually offered fall and spring semesters. First of a three-course sequence (PHYS 1121-PHYS 2111-PHYS 2121) for majors in physics and engineering treating the fundamental laws and principles of the various fields of physics: mechanics, relativity. Lecture and laboratory courses are integrated in a classroom equipped with computers, interfaced probes and traditional laboratory equipment that enhances the interactive learning, hands-on experiences and conceptual understanding of physics. Three two hour lecture/lab sessions and one one-hour problem session per week. Corequisite: MATH 1070 (4, FaSp)

PHYS 1141 - General Physics II

Usually offered fall and spring semesters. Second of a two-course sequence (PHYS 1121-1141) for majors in physics and engineering treating electricity and magnetism, electromagnetic waves, physical optics, and modern physics. Lecture and laboratory courses are integrated in a class room equipped with computers, interfaced probes and traditional laboratory equipment that enhances the interactive learning, hands-on experiences and conceptual understanding of physics. Three two hour lecture/lab sessions and one one-hour problem session per week. *Prerequisite: PHYS 1121 Corequisite: MATH 2080 4*

PHYS 1530 - How Things Work

An introduction, for non-science majors, to basic concepts and principles of physics by learning how objects from everyday life, such as air conditioners, bicycles or microwave ovens, work, including sound and acoustics. It includes one laboratory session per week. (3, Sp, EXP)

PHYS 2010 - General Physics I

Offered each semester and 1st summer session. First of a two-course sequence (PHYS 2010-PHYS 2020) treating the fundamental laws and principles of the various fields of physics: mechanics and heat. Prerequisite: Grade of "C" or better in MATH 1030. (3, FaSp)

PHYS 2010L - General Physics I

Offered each semester and 1st summer session. First of a two-course sequence (PHYS 2010L-PHYS 2020L) treating the fundamental laws and principles of the various fields of physics: mechanics and heat. Prerequisite: Grade of "C" or better in MATH 1030. **(1, FaSp)**

PHYS 2020 - General Physics II

Offered each semester and 2nd summer session. Second of a two-course sequence (PHYS 2010-2020) treating waves, sound, electricity and magnetism, optics and modern physics. Prerequisite: PHYS 2010 **(3, SpSu)**

PHYS 2020L - General Physics II

Offered each semester and 2nd summer session. Second of a two-course sequence (PHYS 2010L-2020L) treating waves, sound, electricity and magnetism, optics and modern physics. Prerequisite: PHYS 2010 **(1, SpSu)**

PHYS 2060 - Physics of Music

This is a survey course on the physics of music. Topics covered include waves, interference, harmonics, chords, tuning, hearing, singing and how instruments produce the sounds we hear. This course has a lab component. **(2, FaSp)**

PHYS 2060L - Physics of Music

This is a survey course on the physics of music. Topics covered include waves, interference, harmonics, chords, tuning, hearing, singing and how instruments produce the sounds we hear. **(1, FaSp)**

PHYS 2111 - General Physics II

Usually offered fall and spring semesters. Second of a three-course sequence (PHYS 1121-2111-PHYS 2530) for majors in physics and engineering treating sound, vibrations and waves, heat and geometric optics. Lecture and laboratory courses are integrated in a class room equipped with computers, interfaced probes and traditional laboratory equipment that enhances the interactive learning, hands-on experiences and conceptual understanding of physics. Three two hour lecture/lab sessions and one one-hour problem session per week. Prerequisite: PHYS 1121. Corequisite: MATH 2070. **(4, FaSp)**

PHYS 2121 - General Physics III

Usually offered fall and spring semesters. Third of a three-course sequence (PHYS 1121-PHYS 2111-2121) for majors in physics and engineering treating electricity and magnetism, electromagnetic waves, physical optics, and modern physics. Lecture and laboratory courses are integrated in a classroom equipped with computers, interfaced probes and traditional laboratory equipment that enhances the interactive learning, hands-on experiences and conceptual understanding of physics. Three two hour lecture/lab sessions and one one-hour problem session per week. Prerequisite: PHYS 2111. Corequisite: MATH 2080. **(4, FaSp)**

PHYS 2510 - Computational Science & Engineering

MATH 2510 Introduction in the use of numerical modeling techniques for solving problems in physics, chemistry, and biology. Initially students will be instructed on the use of numerical modeling software MATLAB and then topics within different fields will be used as a context

for learning and applying numerical techniques to solve complex systems problems. The Course will cover simple but fundamental aspects of computer simulations with application to selected physical systems. The focus will be on the strategy for the solution of numerical problems, their computer implementation and analysis of the results. The course will have two lectures and one lab every week. No prior programming experience is required.

Prerequisite(s): MATH 2070 (3, FaSp)

PHYS 2530 - Vibrations and Waves

Usually offered fall and spring semester. Mechanical vibrations and waves, simple harmonic motion, superposition, forced vibrations and resonance, coupled oscillations and normal modes, vibrations of continuous systems. Geometrical optics, including reflection and refraction from plane and curved surfaces, and physical (wave) optics, including interference and diffraction. *Prerequisites: PHYS 1141 or PHYS 2020 and MATH 2070. (3, FaSp)*

PHYS 2550 - Introduction to Materials Science

Introduction to the basic concepts of materials science. Students will learn the basics of bonding, lattice structures and crystallography, including reading materials phase diagrams, and will be introduced to the electrical, magnetic, optical, and thermodynamic properties of solids. *Prerequisite(s): CHEM 1120 or CHEM 1020 and PHYS 2530 or PHYS 2020 (3, Sp)*

PHYS 2550L - Materials Science Laboratory

Experiments stressing the deposition of materials, characterization of their crystal properties, and measurement of their physical properties. *PHYS 2550 (1, Fa)*

PHYS 2630 - Analytical Methods for Physics and Engineering

(ENGR 2630) An introduction of methods of mathematical physics used in physics and engineering such as vector and tensor analysis, Fourier analysis techniques, phasors, special functions, variation subject to constraints and elementary renormalization group techniques. The topics are introduced in the context of specific physics and engineering problems in electricity and magnetism, network analysis, modern physics, thermodynamics and mechanics.

Prerequisites: PHYS 2530 and MATH 2080. (3,Sp)

PHYS 3010 - Electricity and Magnetism I

(ENGR 3010) Usually offered fall semester. A complete development of electromagnetic theory beginning with the fundamental laws of electricity and magnetism, culminating with the development of Maxwell's equations, and ending with a treatment of plane electromagnetic waves. *Prerequisites: PHYS 2530, PHYS 2630, MATH 2030, and MATH 2080. (3, Fa)*

PHYS 3011 - Electricity and Magnetism II

Usually offered spring semester. A selection of more advanced topics in electromagnetism such as fields in material media, Laplace and Poisson's equations, topics from relativity, electromagnetic waves in waveguides and in conducting media, and gauge transformations. Prerequisites: PHYS 3010 **(3, Sp)**

PHYS 3020 - Mechanics-Dynamics

(ENGR 2020) Usually offered fall semester. Systematic presentation of elements of classical mechanics using language of vector algebra and vector calculus. Topics include kinematics, kinetics, work, energy, impulse, and momentum. Prerequisites: PHYS 2530 and MATH 2080 **(3, Fa)**

PHYS 3040 - Thermodynamics

(ENGR 3040) Usually offered spring semester. Study of heat and temperature, the thermodynamics laws, work, ideal gases, engines, refrigeration, reversibility, entropy, phase transitions. Prerequisites: PHYS 2530 or PHYS 2020 **(3, Sp)**

PHYS 3050 - Modern Physics

Usually offered fall semester. Survey course on topics in contemporary physics. These include elements of the special theory of relativity, wave-particle duality, and elements of quantum theory as it applies to atoms, nuclei, molecules, and solids. Prerequisites: PHYS 2530 or PHYS 2020 and MATH 2070 **(3, Fa)**

PHYS 3060 - Medical Physics

Usually offered fall semester. Offers a broad view of medical imaging techniques designed to provide students with an appreciation for and an understanding of the several imaging techniques to diagnose several diseases. Topics include optical, ultrasound, x-ray, gamma ray, and magnetic resonance imaging. Prerequisites and Corequisites: PHYS 2010 and PHYS 2020 or permission of the instructor. **(3, Sp, EXP)**

PHYS 3120 - Circuits I

(ENGR 2120) Usually offered spring semester. An introduction to the analysis of linear, time-invariant circuits in response to steady-state and time-varying signals using various analytical tools including Kirchhoff's laws, and Thevenin's and Norton's theorems. Prerequisites: PHYS 2530 and PHYS 2630 and MATH 2030 **(3, Sp)**

PHYS 3210 - Mechanics-Statics

(ENGR 2210) Usually offered spring semester. Analysis of systems and bodies considering the fundamental concepts of statics, including vectors, two-dimensional and three-dimensional force systems, equilibrium, friction, centroids, and moments of inertia. Prerequisites: PHYS 2530 and MATH 2080. **(3, Fa, Sp)**

PHYS 3310L - Advanced Laboratory

Usually offered fall semester. For physics and engineering majors. Sophisticated experiments in optics and Modern Physics. Prerequisite: PHYS 2530 or PHYS 3050 and MATH 2080 **(1, Fa)**

PHYS 3320L - Advanced Laboratory

Usually offered spring semester. For physics and engineering majors. Sophisticated experiments in electricity and magnetism, circuits and electronics. Prerequisite: PHYS 2530 or PHYS 3011 and MATH 2080 **(1, Sp)**

PHYS 3510S - Physics and Engineering Seminar

Usually offered fall semester. A seminar course for junior and senior physics and engineering majors, in which each student makes an oral and written presentation on a topic in physics or engineering. Prerequisite: PHYS 2530 (1, Fa, Sp)

PHYS 3520S - Physics and Engineering Seminar

Usually offered spring semester. A seminar course for junior and senior physics and engineering majors, in which each student makes an oral and written presentation on a topic in physics or engineering. Prerequisite: PHYS 2530 (1, Fa, Sp)

PHYS 3560 - Nanotechnology

Introduction to mesoscopic physics and nanotechnology based upon it with one, two or three nanoscale dimensions. Physical topics include thermal fluctuations, quantum statistics, and scaling. Technological topics include quantum tunneling devices, spintronics, and quantum computing. Prerequisite(s): CHEM 1020 and PHYS 2530 or PHYS 2020 or permission of the instructor (3)

PHYS 3999 - Qualifying Examination for Dual Degree Engineering Majors.

(0)

PHYS 4050 - Quantum Physics

Usually offered spring semester. The concepts and the mathematical methods of quantum mechanics. Topics include Schrodinger's equation in time-dependent and time-independent forms; one- and three-dimensional solutions including the treatment of angular momentum and spin. Applications to simple systems such as the hydrogen atom, simple harmonic oscillator, and periodic potentials. Prerequisite: PHYS 3050 (3, Sp)

PHYS 4200 - Physics Projects

Usually offered fall semester. Detailed study (literature search) of one or more topics in physics. The student will submit a report on his/her study. One two-hour meeting per week. Prerequisite: Permission of chairperson or advisor. (1, Fa)

PHYS 4210 - Physics Projects

Usually offered fall and spring semesters. Detailed study (discussion or experimentation) of one or more topics in physics. The student will make an oral presentation on his/her study. One two-hour meeting per week. Prerequisite: Permission of chairperson or advisor. (2, Fa, Sp)

PHYS 4530 - Special Topics

Topics may vary from semester to semester. Prerequisites and Corequisites: Permission of the instructor. (3)

PHYS 4540 - Special Topics

Topics may vary from semester to semester. Prerequisites and Corequisites: Permission of the instructor. (3,Sp)

PHYS 4999 - Senior Comprehensives

(0)

Political Science

PSCI 1010 - Introduction to Political Science

This course introduces students to the fundamental concepts and principles of political life. Focus is placed on the development of the state; the role of ideology and political participation, particularly with attention to the impact of the individual on politics. Prerequisite(s): None **(3, FaSpSu)**

PSCI 1020 - American Government

Issues of American politics, including the Constitution, federalism, interest groups, political parties and elections, presidency, congress, courts, the Bill of Rights, and political equality. Prerequisite(s): None **(3, FaSpSu)**

PSCI 2010 - Research Methods

Origin of the discipline of political science and the understanding of the scientific method as it relates to the discipline. Research approaches and techniques in contemporary political science. Prerequisite: completion of all developmental mathematics requirements. **(3, Fa)**

PSCI 2040 - International Relations

Basic orientation to study of international politics, objectives of nations' foreign policy, patterns of interaction among nations, transnational organizations, intergovernmental organizations, and non-state actors in the contemporary world, stressing the nature and sources of international conflict. Prerequisite(s): None **(3, Fa)**

PSCI 2050 - Introduction to Public Policy and Administration

(PADM 2050) This course is an introduction to the essential skills useful to public administrators and policy analysts seeking to work in an analytical or managerial position in the public or not-for profit-sectors. It is designed to familiarize students with the principles and contextual restraints that form the program environment of the contemporary public manager. It will cover the basic development, content, administration, and evaluation of public policy in the American political system. Prerequisite(s): None **(3, EXP)**

PSCI 2060 - International Law and Politics

An examination of the nature and role of international law. Reviews the effects and limitations international law has on the actions and policies of nation-states in contemporary world politics. Prerequisite(s): None **(3, EXP)**

PSCI 2100 - Law, Politics, and Society

An introduction to the ways in which legal, political, and societal institutions interact and are interdependent. Particular attention is paid to the structures of legal institutions and the impact those structures have on the communities they oversee. Prerequisite(s): None **(3, Sp, EXP)**

PSCI 2120 - Judicial Process

An examination of the major participants (lawyers, judges, juries, interest groups) in the court system and the structure and rules in criminal and civil trial and appellate proceedings. Prerequisite(s): None **(3, Fa)**

PSCI 2240 - Politics of Gender and Sexuality

(WMST 2240) This course examines gender and sexuality as political identities in comparative context. It will address the impact of gender and sexuality on individual political behavior as well as the impact of political movements on these political identities. In addition, the course will address how governments and the political arena define gender and its relationship to sexuality. Prerequisite(s): None **(3, EXP)**

PSCI 2410 - Public Opinion and Voting Behavior

This course will examine two core issues in democracy: the formation and dynamics of public opinion through political socialization; and how public opinion influences political participation. Prerequisite(s): PSCI 1020 **(3, Fa)**

PSCI 2440 - Black Politics

(AADS 2440) Basic approaches to the study of Black politics. An examination of the nature of racism and the methods employed by Blacks to overcome oppression. Prerequisite(s): None **(3, FaSu)**

PSCI 2511 - Quantitative Analysis

A survey of introductory statistics examining both descriptive and inferential statistical processes. Prerequisite: completion of all developmental mathematics requirements and PSCI 2010. **(3, Sp)**

PSCI 3010 - Comparative Politics

Survey of different types of political systems and cross-national study of government and politics of some major nations in Europe, Asia, Africa, and North America. Prerequisite(s): PSCI 1020 **(3, Sp, EXP)**

PSCI 3100 - Constitutional Law

Development of the American Constitution as reflected in decisions of the Supreme Court; focuses on powers of the three branches of government and the relationship of national government to states. Recommended for pre-law students. Prerequisite(s): None **(3, Fa)**

PSCI 3110 - Civil Rights and Civil Liberties

Personal liberties under the Bill of Rights (such as freedom of speech, press, etc.) and the Fourteenth Amendment (due process, equal protection) as reflected in decisions of the Supreme Court. Recommended for pre-law students. Prerequisite(s): None **(3, Sp, EXP)**

PSCI 3133 - Mock Trial and Debate

(CMST 2133) An introduction to the techniques of argumentation and debate applied to trial courts and the judicial process. Prerequisite: CMST 1010 **(3, Sp)**

PSCI 3240 - Political Psychology

It will include a survey of psychological influences on political behavior; socialization and leadership styles; person and state perceptions; conformity; opinion and attitude formation; gender differences; ideological orientations; conflict, change, and group dynamics in an analytical framework. Prerequisites: PSCI 1010, PSYC 1010 or permission of the instructor. (3)

PSCI 3250 - Introduction to Political Thought

This course is an introduction to political theory ranging from the ancient Greeks to contemporary political thinkers. It emphasizes how classic and contemporary approaches to political thought matter for examining today's political controversies such as extreme economic inequality and the oppression of minorities. *Prerequisite(s)*: PSCI 1010 or 3 semester hours in philosophy. (3, EXP)

PSCI 3360 - Public Policy

(PADM 3360) Development and content of public policy in the American political system, focusing primarily on the national level but also considering state and local levels; processes linking citizen demands and government action and stressing ways in which minorities might cope with and alter policy to serve their interest. *Prerequisite(s)*: None (3, EXP)

PSCI 3400 - Urban Politics

Processes and structures of urban politics considered in core city and metropolitan contexts, stressing impacts of urban politics and distribution of power and various responses of citizens to effect changes in society. *Prerequisite(s)*: None (3, EXP)

PSCI 3460 - Political Parties

Development, organization, and influence of political parties and interest groups. *Prerequisite(s)*: None (3)

PSCI 4050 - African Politics and Government

(AADS 4050) This course provides a comprehensive examination of the role of political leadership on the development of independent Black Africa with special emphasis on the influence of major personalities, the problems of African politics, nationalities, military politics, liberation movements, African ideologies, and economic integration and regional cooperation. *Prerequisite(s)*: None (3)

PSCI 4100 - International Political Economy

This course focuses on the historical, theoretical, and contemporary perspectives of international political economy. Special attention is devoted to changing global patterns and the relationship between economics and politics, national and international security. *Prerequisite(s)*: None (3, Fa, EXP)

PSCI 4640 - The Politics of Developing Nations

Types of political systems found in contemporary Africa, Asia, and the Caribbean/Latin America, and a survey of government and politics of some major nations which are considered developing nations. *Prerequisite(s)*: None (3, Sp)

PSCI 4911 - Independent Research

Research project on topic agreed upon by student, instructor, and chairperson. Prerequisite: Permission of instructor and chairperson. (1)

PSCI 4912 - Independent Research

Research project on topic agreed upon by student, instructor, and chairperson. Prerequisite: Permission of instructor and chairperson. (2)

PSCI 4913 - Independent Research

Research project on topic agreed upon by student, instructor, and chairperson. Prerequisite: Permission of instructor and chairperson. (3)

PSCI 4930S - Special Topics Seminar

Critical analysis and exploration of issues in politics and political inquiry through discussions of reports and research studies. Topics vary according to the interests of department faculty and majors. Some possible topics are Technology, Law and Politics, Political Identities in America, New Orleans politics, etc. Prerequisite: PSCI 1010 and permission of the instructor and chairperson. (3)

PSCI 4953 - Politics (local and international) Internship

Placement with an elected official, public agency, "quasi-public" sector-related agency or consular agency under field supervisor. Student prepares written analysis of his/her experience in relation to theoretical concepts studied in courses. Student reports to field assignment rather than having classes, assignments, and examinations; the formal class meeting is a conference period with the instructor at one- or two-week intervals as scheduled. Graded on Pass/Fail basis. Prerequisite: written permission of instructor and department head. (3 for 10 hrs/week field assignment; 6 for 20 hrs/week field assignment)

PSCI 4956 - Politics (local and international) Internship

Placement with an elected official, public agency, "quasi-public" sector-related agency or consular agency under field supervisor. Student prepares written analysis of his/her experience in relation to theoretical concepts studied in courses. Student reports to field assignment rather than having classes, assignments, and examinations; the formal class meeting is a conference period with the instructor at one- or two-week intervals as scheduled. Graded on Pass/Fail basis. Prerequisite: written permission of instructor and department head. (3 for 10 hrs/week field assignment; 6 for 20 hrs/week field assignment)

PSCI 4963 - Legal Internship

Placement with a law office or judicial agency under field supervisor. Student prepares written analysis of his/her experience in relating the internship experience to literature in the field and meets with the instructor at two-week intervals as scheduled. Graded on Pass/Fail basis. Prerequisite: written permission of instructor and department head. (3 for 10 hrs/week field assignment / 6 for 20 hrs/week field assignment)

PSCI 4966 - Legal Internship

Placement with a law office or judicial agency under field supervisor. Student prepares written analysis of his/her experience in relating the internship experience to literature in the field and meets with the instructor at two-week

intervals as scheduled. Graded on Pass/Fail basis. Prerequisite: written permission of instructor and department head. (3 for 10 hrs/week field assignment / 6 for 20 hrs/week field assignment)

PSCI 4999 - Senior Comprehensive Examination

Required of all students in the major. The two-tier exam tests majors on general topics covered during the course of their study in the department. The exam consists of 1) a one-hour objective test produced by faculty within the department and 2) a two-hour exam in political science prepared by the Educational Testing Service (ETS). Prerequisite: Seniors must register for the exam in their final year. (0)

Professional Writing

The Fall (Fa), Spring (Sp), or Summer (Su) semesters indicated are expected but are not guaranteed. Expansive Core Curriculum courses are denoted by EXP. Service Learning courses are denoted by SL.

PRWT 2000 - Professional Prose

The students of the workshop seminar write potentially publishable works of professional-level prose on a topic of their own choice; revised versions go into an end of semester portfolio. In addition, students read about the craft of writing and write weekly critiques. *Prerequisites: final grade of a B or higher in ENGL 1000/ENGL 1010 and ENGL 1020, or permission of the minor Director.* (3, Fa)

PRWT 2070 - Creative Nonfiction

CRWT 2070 In this seminar, students will study and practice writing literary nonfiction. The course will cover description, point of view, characterization, dialogue, and other techniques. Students will read the works of contemporary nonfiction authors and, using the workshop method, critique the work of their peers. (Students may substitute CRWT 2070 for this course.) (3)

PRWT 2200 - Modern English Grammars

ENGL 2200 This course is designed to give students some theoretical understanding of English syntax as well as the uses of Edited American English. Students will learn to manipulate their use of language at the sentence level for specific purposes and audiences, to edit their own writing confidently, and to analyze written texts. Other outcomes will enable students to understand some learners' difficulty with grammar, to look beyond their surface errors, and to understand the difficulties ESL students have with English grammar. Throughout the course, students will read and analyze student and professional writing. (3)

PRWT 3155 - Technical Writing

A course specifically designed for writing in organizational cultures. Course assignments focus on content, organization, format, awareness of audience and purpose, conciseness and accuracy of language, and correctness. Course assignments include memos, proposals, instructions, letters, and reports. Successful completion of the Freshman English sequence is required. (3, Sp)

PRWT 4000 - On-Campus Writing Apprenticeship

This practicum promotes hands-on writing experience while writing for an on-campus client, such as the Xavier Herald or the Xavierite. In addition to the writing, students meet weekly with the Professional Writing instructor to talk about

writing strategies, approaches, and the writing itself. The course may be taken up to two times for credit. *Prerequisites:* PRWT 2000, PRWT 2070, PRWT 2200, PRWT 3155. (3, Fa-Sp)

PRWT 4001 - Off-Campus Writing Apprenticeship

This practicum promotes hands-on writing experience while writing for an off-campus client, such as the Tennessee Williams Festival or local publication. In addition, students meet weekly with the Professional Writing instructor to talk about writing strategies, approaches, and the writing itself. This course may be taken up to two times for credit.

Prerequisites: PRWT 2000, PRWT 2070, PRWT 2200, PRWT 3155 (3, Fa-Sp)

Psychology

PSYC 1010, PSYC 2020, and PSYC 2512, OR PERMISSION OF THE INSTRUCTOR ARE THE PREREQUISITES FOR ALL 3000- AND 4000- LEVEL PSYCHOLOGY COURSES, WITH THE EXCEPTION OF PSYC 3041 and PSYC 3035, FOR WHICH ONLY PSYC 1010 IS REQUIRED. ADDITIONAL PREREQUISITES ARE NOTED IN APPROPRIATE COURSE DESCRIPTIONS.

PSYC 1010 - Introductory Psychology

Foundation for more advanced study. Includes history and methodology, development, biological basis of behavior, learning and memory, personality, psychopathology, and social influences on behavior. (3, FaSpSu)

PSYC 1012 - Human Development

A study of the individual from birth to senescence. Emphasizes normal physical, emotional, and intellectual development. (3, EXP)

PSYC 2020 - Research Methods

Examines the methods of psychology such as observation, case study, and experimentation. Prerequisite: PSYC 1010 (3, FaSp)

PSYC 2050 - Health Psychology

An introduction to the interaction of psychological, social, and physical factors in health and the treatment of illness. Course content will include relevant research, health care delivery systems, and health care policy. Prerequisite: PSYC 1010 or permission of instructor. (3, EXP)

PSYC 2070 - Comparative and Evolutionary Psychology

Investigates animal behavior in the laboratory and in natural and semi-natural settings. Focuses on the application of knowledge about animal behavior to the explanation of human behavior. Discusses such issues as aggression, communication, and the genetic basis for behavior. Prerequisite: PSYC 1010 (3)

PSYC 2080 - Writing in Psychology

Provides an introduction to written communication in psychology and related social sciences. Includes information on selecting topics, gathering and organizing information, using APA style, proofreading, etc. Prerequisites: ENGL 1010 & PSYC 1010 (3)

PSYC 2110 - Human Sexuality

Designed to cover a full spectrum of health issues in human sexuality, this course will cover psychological, physiological, social, developmental, spiritual, and interpersonal factors in human sexuality. Its goals are to provide objective information, develop research interests in the field, highlight the most recent developments, literature, and discoveries in this area, and to promote sexual health at all levels. The major emphasis will be to inspire healthy decision making. Prerequisites: PSYC 1010 or permission of the instructor. **(3)**

PSYC 2500 - Positive Psychology

This course is an introduction to research and theory in positive psychology. Positive psychology is the study of what is right and positive about people and institutions. Positive psychologists call for as much focus on strength as on weakness, as much attention on positive as negative emotions, and as much interest in building the best things in life as in repairing the worst. Prerequisite: None **(3, EXP)**

PSYC 2511 - Psychological Statistics

A calculational survey of introductory statistics. Will examine both descriptive and inferential statistical processes. Prerequisite: PSYC 1010 and completion of all developmental mathematics requirements. **(3, FaSp)**

PSYC 2512 - Advanced Research

Research approach to selected topics from PSYC 2511; scientific report writing, logic of scientific method, research design, library research, and readings from the literature. Prerequisites: Grades of C or better in PSYC 1010, PSYC 2020, PSYC 2511 or MATH 1020/STAT 2010. **(3, FaSp)**

PSYC 3010 - Social Psychology

Survey of social influences on behavior. Includes affiliation and interpersonal attraction; person perception; conformity; attitude formation, assessment, and change; prejudice; aggression; social learning; and group dynamics. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512, or permission of the instructor. **(3)**

PSYC 3020 - Child Psychology

Study of physiological, intellectual, social, emotional, and moral factors affecting child growth and development. Counts only toward Education and Elective Credit, but not toward the Psychology Major. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. **(3, Fa)**

PSYC 3025 - Adult Development and Aging

A survey of adult development and aging from young adult to old age. The influence of biological, psychological, socio-cultural, and life cycle forces will be examined with an emphasis on normal development. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. **(3)**

PSYC 3030 - Cognitive Psychology

Examines mental processing through the study of thinking, problem solving, and memory. Includes such topics as artificial intelligence, heuristics vs. algorithms, mnemonics, and cognitive development in children. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. **(3)**

PSYC 3035 - Psychology of Gender

Focuses on how gender as a social construct shapes the lives of men and women in contemporary society. Specific issues addressed include ideas and stereotypes about masculinity and femininity; gender differences and similarities in cognitive abilities, personality, and social behavior, gender roles in families; the economic dynamics associated with gender; representations of men and women in the media and culture; and the potential for change in gender relations and gender inequality. Prerequisites: PSYC 1010 (3, **EXP**)

PSYC 3040 - Educational Psychology

(EDUC 3040) Study of the nature, conditions, outcomes, and evaluation of learning. Systems approach; use of a variety of media and optimum clinical experience; cognitive and affective factors influencing learning process. Counts only toward Education and Elective Credit, but not toward the Psychology Major. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. (3, **Fa**)

PSYC 3041 - Black Psychology

(AADS 3041) This course is designed to generate critical and analytic thinking about each student's identity as a member of American society and as a member of the "global village." The course is reading/writing intensive as it investigates "the Black Experience." As the course progresses, the student is expected to be more facile in his/her ability to influence and change our psychosociocultural environment in positive and meaningful ways. Prerequisites: PSYC 1010 (3)

PSYC 3045 - Industrial/Organizational Psychology

An introduction to the theories, methods, findings and applications of Industrial/Organizational Psychology. Topics include the principles and techniques of selection of personnel, the application of psychological principles to the training of organization members work attitudes and motivation, various theoretical approaches to leadership, organizational communication, and organizational structure and design. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. (3)

PSYC 3050 - Physiological Psychology

This is a basic introductory course in the field of neuroscience. It examines the biological basis of behaviors such as aggression, reproduction, sleep, dreaming, and mental disorders. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor and BIOL 1030 or BIOL 1230 are recommended but not required. (3)

PSYC 3080 - Abnormal Psychology

Classifications from DSM-V will form the foundation for viewing the dynamics of behavior and the diagnostic basis for psychopathology. Primarily a systematic, descriptive, and theoretical approach that discusses etiology and pathophysiological processes when they are known. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. (3, **Fa**)

PSYC 3100 - Psychology of Learning

A survey of the major theories and empirical research. Topics include principles of classical and operant conditioning, reinforcement, motivation, and forgetting. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. (3)

PSYC 3110 - Psychotherapies

A comprehensive examination of the major forms of psychotherapy and the different views of psychopathology. The focus will be on personal growth and improvement, as well as on the correction of individual problems. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor and PSYC 3080. **(3, Sp)**

PSYC 3120 - Tests and Measurements

Survey of the methodology of assessment, test design and construction, test administration and scoring, achievement and intelligence testing, personality observations and inventories, and issues in ethics and applications of testing. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. **(3)**

PSYC 3200L - Psychology Laboratory

A research course designed to give students direct experience in conducting experimental laboratory research. Students will participate in the design and implementation of experiments, both as experimenters and experimental subjects, and provide oral and written research reports. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. **(1)**

PSYC 4000S - Seminar

Content varies according to current developments in field of psychology and student needs. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. **(3)**

PSYC 4010 - Theories of Personality

A survey of the major personality theories and their authors, as well as their systematic approaches to developing their theories. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. **(3)**

PSYC 4011 - Independent Study

Intensive individual readings on topic agreed upon by student and the instructor. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 and permission of the instructor and chairperson. **(1)**

PSYC 4012 - Independent Study

Intensive individual readings on topic agreed upon by student and the instructor. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 and permission of the instructor and chairperson. **(2)**

PSYC 4013 - Independent Study

Intensive individual readings on topic agreed upon by student and the instructor. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 and permission of the instructor and chairperson. **(3)**

PSYC 4030 - Group Dynamics

Designed to explore theory and research dealing with group processes. Emphasis is placed on the individual within the group and the application of theory and research to real world situations. Topics to be covered include group development and socialization, individual conformity and influence, individual performance in groups, decision

making, and crowds and collective behavior. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. (3)

PSYC 4050 - Psychopharmacology

Emphasizes the biomedical model in the treatment of mental and behavioral disorders. Also examines the use of antidepressants, antipsychotics, and other drug therapies for the treatment of psychopathologies. PSYC 3050 recommended before taking. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. (3)

PSYC 4060 - Cultural Psychology

This course will provide an overview of the study and application of psychological principles across a variety of cultures. We believe that by studying psychological issues from a cross-cultural perspective, we will gain more understanding of and appreciation for human diversity. In turn, this increased cultural awareness will help us foster clearer and more meaningful lines of communication in whatever profession we may choose. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. (3)

PSYC 4070 - Psychology of Stereotyping and Prejudice

A course exploring the roots and implications of stereotyping and prejudice. Students will investigate from primary and secondary sources such classic issues as the origins of prejudice and its ambiguous nature and more recent innovations such as investigation into tokenism and stereotype threat. Racism, sexism, heterosexism, and other forms of prejudice will be explored. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. (3)

PSYC 4085 - Clinical Neuropsychology

An introduction to the study of clinical neuropsychology, an applied area of neuroscience. Survey of current neuropsychological knowledge as it pertains to normal brain anatomy, functioning, and pathological disorders. Specific emphasis placed on current scientific literature regarding the use of neuroimaging and neuropsychological methods for understanding network-based brain changes that occur in neurological disorders. Prerequisites: PSYC 2512 3

PSYC 4090 - Adolescent Psychology

(EDUC 4090) Characteristics and attendant problems of adolescent growth and development. Relevant techniques in teaching and guidance based on modern research. Counts only toward Education and Elective Credit, but not toward the Psychology Major. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor and PSYC 3040. (3, Sp)

PSYC 4095 - Forensic Psychology

Involves the application of psychological and clinical skills to legal, criminal justice, sociological, and political issues. Includes such concepts as "expert witness" testimony, the concept of "amicus curiae," and the process of jury selection. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor and PSYC 3080. (3)

PSYC 4398 - Fieldwork Practicum I

Supervised practice in the application of psychological techniques to clinical settings, counseling settings, and clinical administrative settings. Taught with the training staffs of cooperating institutions and agencies. Prerequisites: PSYC

1010, PSYC 2020, PSYC 2512, PSYC 3080 and PSYC 3110, permission of instructor and 3.0 grade point average in psychology. **(3, FaSp)**

PSYC 4399 - Fieldwork Practicum II

Supervised practice in the application of psychological techniques to clinical settings, counseling settings, and clinical administrative settings. Taught with the training staffs of cooperating institutions and agencies. Prerequisites: PSYC 1010, PSYC 2020, PSYC 2512, PSYC 3080 and PSYC 3110, permission of instructor and 3.0 grade point average in psychology. **(3, FaSp)**

PSYC 4996 - Historical and Applied Perspectives in Psychology

This course involves the critical analysis and exploration of major issues in psychology. The focus is the integration of knowledge and the process of disseminating knowledge. Topics vary according to the interests of the faculty and changes in the field. Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor and completion of the majority of major courses. **(3, FaSp)**

PSYC 4999 - Senior Comprehensives

Prerequisites: PSYC 1010, PSYC 2020, and PSYC 2512 or permission of the instructor. **(0, FaSp)**

Public Administration

PADM 2050 - Introduction to Public Policy and Administration

(PSCI 2050) This course is an introduction to the essential skills useful to public administrators and policy analysts seeking to work in an analytical or managerial position in the public or not-for profit-sectors. It is designed to familiarize students with the principles and contextual restraints that form the program environment of the contemporary public manager. It will cover the basic development, content, administration, and evaluation of public policy in the American political system. Prerequisite(s): None **(3, EXP)**

PADM 3360 - Public Policy

(PSCI 3360) Development and content of public policy in American political system, focusing on the national level but also considering state and local levels; processes linking citizen demands and government action and stressing ways in which minorities might cope with and alter policy to serve their interest. Prerequisite(s): None **(3, Fa, EXP)**

PADM 3370 - Administrative Behavior

Concepts of administrative behavior in public organizations, including decision-making, leadership, small group behavior, and analysis of such organizations as social systems. Prerequisite(s): None **(3, Sp)**

PADM 3500 - Public Personnel Administration

Basic properties, practices, and issues of public personnel administration including recruitment, management, motivation, and ethics in public service. Prerequisite: PADM 2050 **(3, Sp)**

PADM 3510 - Public Financial Administration

Emphasizes the budget process as related to programs conditioned by revenue estimates based upon taxes, assessments, and appropriations. Prerequisite: PADM 2050 (3, Sp)

PADM 3520 - Program Planning and Evaluation

Introduction to the techniques of program planning and evaluation as a government process. Prerequisite: PADM 2050 (3, Fa)

PADM 4530S - Public Administration Seminar

Selected topics in public administration with an attempt to relate field experiences of students to principles of administration. Prerequisite: PADM 2050 (3, Sp)

PADM 4901 - Independent Study

Intensive individual readings on topic agreed upon by student, instructor, and chairperson. Prerequisite: Permission of instructor and chairperson. (1)

PADM 4902 - Independent Study

Intensive individual readings on topic agreed upon by student, instructor, and chairperson. Prerequisite: Permission of instructor and chairperson. (2)

PADM 4903 - Independent Study

Intensive individual readings on topic agreed upon by student, instructor, and chairperson. Prerequisite: Permission of instructor and chairperson. (3)

PADM 4911 - Independent Research

Research project on topic agreed upon by student, instructor, and chairperson. Prerequisite: Permission of instructor and chairperson. (1)

PADM 4912 - Independent Research

Research project on topic agreed upon by student, instructor, and chairperson. Prerequisite: Permission of instructor and chairperson. (2)

PADM 4913 - Independent Research

Research project on topic agreed upon by student, instructor, and chairperson. Prerequisite: Permission of instructor and chairperson. (3)

PADM 4953 - Urban Administrative Internship

Placement with an elected official, public agency, or "quasi-public" sector related agency under field supervisor. Student prepares written analysis of his/her experience in relation to theoretical concepts studied in courses. Student reports to field supervisor rather than have classes, assignments, and examinations; the formal class meeting is a conference period with the instructor at one or two week intervals as scheduled. Graded on Pass/Fail basis.

Prerequisite: written permission of instructor and department head. (3 for 10 hrs/week field assignment / 6 for 20 hrs/week field assignment)

PADM 4956 - Urban Administrative Internship

Placement with an elected official, public agency, or "quasi-public" sector related agency under field supervisor. Student prepares written analysis of his/her experience in relation to theoretical concepts studied in courses. Student reports to field supervisor rather than have classes, assignments, and examinations; the formal class meeting is a conference period with the instructor at one or two week intervals as scheduled. Graded on Pass/Fail basis.

Prerequisite: written permission of instructor and department head. (3 for 10 hrs/week field assignment / 6 for 20 hrs/week field assignment)

Public Health Sciences

PHLT 1001 - Introduction to Public Health

This course takes a multidisciplinary "population health" approach using an ecological perspective. Determinants of health including environmental, behavioral, biological, and socio-economic factors as well as access, quality and cost of medical care are central to the course. It emphasizes the historical and current roles of public health and introduces students to basic epidemiological concepts of rates, causation and public health surveillance. **(3, EXP)**

PHLT 1002 - Nutrition and Health

This course will examine issues associated with nutrition and health, such as food security, food environments, and how the media and marketing influences food choices. **(3, EXP)**

PHLT 2001 - Behavioral Theories in Public Health

Students are introduced to the use of interpersonal and intrapersonal theories to inform the development of theoretically sound public health interventions. Prerequisites: PHLT 1001, PHLT 1002. **(3)**

PHLT 2002 - Health Promotion Program Planning

This course will introduce students to the fundamentals of health promotion planning, implementation, and evaluation. Prerequisites: PHLT 1001, PHLT 1002. **(3)**

PHLT 2004 - Introduction to Environmental Health

Basic concepts of environmental health and emerging issues associated with environmental threats to human health. Prerequisites: PHLT 1001, PHLT 1002. **(3)**

PHLT 3001 - Introduction to Epidemiology

This course offers a basic overview of concepts and methods used in identifying the frequency, distribution, and determinants of health. Prerequisites: PHLT 1001, PHLT 1002. **(3)**

PHLT 3003 - Fundamentals of Program Evaluation

Basic methods in program design, data collection, and quantitative and qualitative analysis to determine impact and effectiveness of public health programs. Prerequisites: PHLT 2001, PHLT 2002, PHLT 3001. (3)

PHLT 4002 - Introduction to Global Health

A basic course exploring determinants of global health, global health policies, and health outcomes of global health interventions. Prerequisites: PHLT 2002, PHLT 3001. (3)

PHLT 4003 - Senior Seminar Case Studies

This seminar type course will expose students to various aspects of the practice of public health and public health current issues. This course will introduce a number of central concepts and explore key and controversial issues related to public health using case studies. Topics covered include the nature of public health ethics, the concepts of disease and prevention, risk and precaution, health inequalities and justice, screening, vaccination and disease control. Prerequisite(s): PHLT 1001 or permission of instructor. (3)

PHLT 4004 - Senior Internship

Public Health Sciences majors must complete a 400 hour internship working in a public health setting to include a community health center, school, government, community-based organization, research facility or worksite. The internship includes a minimum of 400 working hours. 4004 will only be offered in the academic year (Fa, Sp). Requires completion of weekly activity logs, final internship report, and oral presentation. Graded on Pass/Fail basis. Pre-Requisites: Completion of all Public Health Sciences 36 degree credit hours or permission of the chair, 2.0 or above grade point average, and passing of senior comprehensive examination. (9)

PHLT 4004A - Senior Internship

Public Health Sciences majors must complete a 400 hour internship working in a public health setting to include a community health center, school, government, community-based organization, research facility or worksite. The internship requires completing 270 working hours. May be offered anytime in the calendar year (Fa, Sp, Su). Requires completion of weekly activity logs, final internship report, and oral presentation. Graded on Pass/Fail basis. Pre-Requisites: Completion of all Public Health Sciences 36 degree credit hours or permission of the chair, 2.0 or above grade point average, and passing of senior comprehensive examination. (6)

PHLT 4004B - Senior Internship

Public Health Sciences majors must complete a 400 hour internship working in a public health setting to include a community health center, school, government, community-based organization, research facility or worksite. The internship requires a minimum of 135 working hours. May be offered anytime in the calendar year (Fa, Sp, Su). Requires completion of weekly activity logs, final internship report, and oral presentation. Graded on Pass/Fail basis. Pre-Requisites: Completion of all Public Health Sciences 36 degree credit hours or permission of the chair, 2.0 or above grade point average, and passing of senior comprehensive examination. (3)

PHLT 4999 - Senior Comprehensive Exam

All public health majors will need to successfully pass a comprehensive examination before registering for their senior internship. The internship is an intensive interaction with an approved public health site that would allow students an opportunity to apply their public health knowledge, skills and abilities. Prerequisites: Senior Standing (0)

Reading

RDNG 0992 - Reading and Study Skills

This course is designed to provide a review of basic skills, reading and vocabulary strategies and study skills necessary for success in college. It focuses on literal and inferential comprehension, critical analysis and evaluation of college level text and fluency strategies. Instruction consists of lectures, exercises, discussions and activities, such as reading challenging and complex texts, that enable students to become effective readers and to meet the demands of college reading. **(3 non-degree credit hours, FaSpSu)**

RDNG 0992i - Needs Course Title

This course is designed to strengthen the reading ability and study skills of students with critical needs. Emphasis is placed on basic reading skills, reading strategies, word attack skills, vocabulary development and study skills, with one extra hour of extensive skills development. **(4 non-degree credit hours, FaSpSu)**

Sales and Marketing

SMKT 2020 - Introduction to Graphic Design

(ART 2020) An introduction to visual communication graphics and design with an emphasis on printed materials. Illustrative graphics, symbol/logo design, typography, layout principles systems, camera-ready art and the use of computer technology are part of this course. Prerequisite(s): None **(3, FaSp)**

SMKT 2050 - Principles of Marketing

Nature and scope of modern marketing management; outlines the areas in which decisions are made in developing and implementing price, distribution, product, and promotion strategies. Prerequisite(s): None **(3, FaSpSu, EXP)**

SMKT 3060 - Marketing Strategy

Marketing problems analyzed and decisions reached, emphasizing the management point of view. Prerequisite(s): SMKT 2050 and ACCT 1010 or permission of chairperson. **(3, Fa)**

SMKT 3090 - Customer Relationship Management

(MGMT 3090) The course will help students identify actions that businesses use to categorize and address customers effectively through the use of information and technology. This will also help students learn the benefits of knowing customers more intimately and show them how information can be used to increase revenues, satisfaction, and profitability. Prerequisite(s): SMKT 2050 **(3, Sp)**

SMKT 3350 - Marketing Research

Analysis of marketing problems and basic research designs. Included topics: basic data collection methods; formulation of problems; sources of information; composition of data collection forms; design of samples; tabulation of data; analysis of data; preparation of reports. Actual problems and cases are utilized. Application of marketing research is related to product, place, price, promotion, other areas of marketing. Computer programs may be utilized to solve some problems. Prerequisite(s): SMKT 2050, ECON 2070, or permission of the chairperson. **(3, Sp)**

SMKT 3500 - Personal Selling

This course will focus on personal selling presentations and relationship development. Students will examine consultative selling techniques and relationship management strategy in order to add value through selling.

Prerequisite(s): SMKT 2050 (3, Fa)

SMKT 3530 - Sales Force Management

(MGMT 3530) Organization, communications process, group influences, forecasting, recruiting, training, design, motivation, supervision, compensation, control of sales organizations. Prerequisite(s): SMKT 2050 (3, Fa)

SMKT 3550 - Consumer Behavior

Consumer attitudes, motivations, reactions in market, drawing on marketing, economics, psychology, sociology, theories. Prerequisite(s): SMKT 2050 (3, Sp, EXP)

SMKT 3600 - Integrated Marketing Communications

Emphasis is upon integrated promotional programs. The study of the advertiser, the agency, the media, and their functions as matched with consumer behavior. Advertising, public relations, personal selling, promotional packaging, along with many other sales stimulating methods and techniques are covered. Prerequisite(s): SMKT 2050 (3, Sp, EXP)

SMKT 3700 - Multivariate Data Analysis

This course will focus on advanced marketing research methods (multivariate data analysis techniques). Students will examine various multivariate techniques and apply them to managerial marketing situations and research questions.

Prerequisite(s): SMKT 2050, ECON 2070, and ECON 2080 or [MATH 1020 (STAT 2010) and MATH 2040 (STAT 2020)]. (3, Fa)

SMKT 4000 - Sales and Marketing Seminar

A survey of topics/issues of current interest in marketing. Prerequisite(s): Senior standing or permission of the chairperson. (3, Sp)

SMKT 4010S - Leadership Seminar

(MGMT 4010S) One of the key aspects of management is its focus on leadership. For centuries the concept of whether leaders are "born or made" has been a subject of debate. Students will be required to read between three to five current books on key management topics and they will be required to analyze the leadership concepts and impacts on the leader's organization. Additionally, student will be required to read and analyze specific cases in leadership and to conduct a research term paper on a key topic in this area. Prerequisite(s): senior standing. (3, Sp, EXP)

SMKT 4999 - Senior Comprehensives

Prerequisite(s): Senior standing. (0, FaSp)

Secondary Education

EDSC 2100 - Special Methods

At the completion of this course, the student will be able to plan, evaluate, and use instructional strategies suited to the academic disciplines studied. Prerequisite(s): None (-3, Fa)

EDSC 3023B - Methods of Teaching Biology

This course is designed to prepare preservice high school biology teachers to use instructional methods, materials, and laboratory equipment common to the biological sciences. Course focus will include the methods of setting up a biology laboratory, laboratory safety, laboratory methods, equipment, and effective ways of teaching biology. Prerequisite(s): Admitted into TEP, EDSC 2100 (3, Sp)

EDSC 3023C - Methods of Teaching Chemistry

This course is designed to prepare preservice high school chemistry teachers to use instructional methods, materials, and laboratory equipment common to the biological sciences. Course focus will include the methods of setting up a chemistry laboratory, laboratory safety, laboratory methods, equipment, and effective ways of teaching chemistry. Prerequisite (s); Admitted into TEP; EDSC 2100 (3, Sp)

EDSC 3023M - Methods of Teaching Mathematics

This course is designed to prepare secondary mathematics teachers to become competent professionals who can guide and facilitate classroom interactions to meet the learning needs of diverse populations of students. Prerequisite(s): Admitted into TEP, EDSC 2100 (3, Sp)

EDSC 3023P - Methods of Teaching Physics

This course is designed to prepare secondary Physics teachers to use instructional methods, materials and laboratory equipment common to the Physics classroom. Planning for the school year, course of study, designing units and lesson plans, and effective instruction are addressed. Prerequisite (s): Admitted into TEP, EDSC 2100 (3, Sp)

EDSC 3023S - Methods of Teaching History and Social Studies

This course provides an overview of the methods and materials currently used in secondary social studies education. A focus will be placed on developing skills that will aid in designing instruction that effectively impacts the learning of all students and integrating technology in the teaching and learning process. All course assignments and objectives will relate to meeting the needs of diverse learners. Planning for the school year, course of study, designing units and lesson plans, and effective instruction are addressed. Prerequisite (s): Admitted into TEP, EDSC 2100 (3, Sp)

EDSC 4061T - Student Teaching (Middle School and Secondary Education Majors)

This course includes: (a) Observation and participation in the classroom; (b) Full-time participation in instructional activities and other teaching assignments; and (c) Readings and experiences in classroom management and teaching techniques. Concurrent enrollment with Student Teaching Seminar. Prerequisite(s): Admitted into TEP, Passed Praxis Specialty Area and must have taken Praxis PLT. (9, FaSp)

EDSC 4150 - Teaching Reading in the Content Areas

At the completion of this course, the student will be able to support students' reading of content area texts through the implementation of vocabulary and comprehension strategies. Text readability and text structure are also addressed. Prerequisite(s): Admitted into TEP (3, Sp)

Sociology

Expansive Core Curriculum courses are denoted by EXP. Service Learning courses are denoted by SL.

SOCI 1010 - Introduction to Sociology

This course offers students the opportunity to develop their sociological imaginations through studying the patterns and regularities of social behavior, the structure and organization of society, social institutions, socialization, and social change. (3, EXP)

SOCI 1011 - Global Social Change

This course offers students the opportunity to develop a sociological understanding of what it means to live in a global society. Theories about global social and economic interconnections, including sociological theories of globalization, are used to examine how social structures, social institutions, and social change are experienced differently throughout the world. Special emphasis is placed on inequalities engendered by globalization and global social change, including unequal power relationships among social groups, social classes, and regions throughout the world. (3, EXP)

SOCI 1015 - Popular Culture and Society

This course examines the intersection of popular culture, society, and the individual. It provides students with the opportunity to gain a base, introductory sociological understanding of the role of popular culture in local settings, youth subcultures, American society, consumer culture, and the burgeoning globalization of popular culture, most notably through the rapid growth of technology and its enormous social impact. (3)

SOCI 2010 - Social Problems

This course examines societal and cultural conflicts and dilemmas through the use of the principles of sociology, most especially critical analysis. Topics generally include poverty and inequality, health and health care, issues confronting families, and social problems associated with government and economic change. The course emphasizes formulating plausible, compassionate, and just solutions to social problems. Prerequisite: Any 1000 level sociology course. (3, EXP)

SOCI 2020 - Introduction to Criminology

This course examines the nature, location, and impact of crime in the United States by exploring a broad range of issues related to criminology. Topics focused on within the course include the historical foundations of crime, the theoretical underpinnings of criminality, how we measure criminal acts, the development of criminal careers, the various typologies of offenders and victims and a critical analysis of public policies concerning crime control in society. Prerequisite: Any 1000 level sociology course. (3)

SOCI 2040 - Sociology of Gender

(WMST 2040) This introduction to the sociological study of gender addresses the social processes of learning gender identities, the role of gender identities in shaping society, and the relationship between gender and power. Topics include theoretical approaches to the study of gender, gender dynamics in various social institutions, and the

intersection of gender with other social identities such as class, race, ethnicity, and sexuality. In addition, the course explores the variation in gender identities across social groups, time, place, and sexual identity. Prerequisite: Any 1000 level sociology course or WMST 1030 and instructor's permission. (3)

SOCI 2042 - Deviance

This survey course explores the establishment and maintenance of deviant categories, the motivations behind deviant behavior, formal and informal means of identifying deviants, the effect of institutionalization upon the deviant, and how deviants attempt to avoid a label society places upon them. Prerequisite: Any 1000 level sociology course. (3, EXP)

SOCI 2050 - Sociology of the Family

This course is a detailed examination of the structure, process, and functioning of the family; it also identifies crises facing the family. Included are a study of cross-cultural variations in family relationships, marriage patterns and processes and family functions. Prerequisite: Any 1000 level sociology course. (3, EXP)

SOCI 2060 - Race and Ethnic Relations

(AADS 2060) This course is concerned with examining issues, problems, and research findings on race, ethnic, and minority group relations. Emphasis is on U.S. Black-White relations, American ethnic groups, religious conflict, and racial and ethnic group contacts in Europe, Asia, Africa, and Latin America. Prerequisite: Any 1000 level sociology course. (3, EXP)

SOCI 2500 - Reading and Writing for Sociology

This course prepares students for upper level sociology courses by offering practice in active reading skills and instruction in the procedures and conventions for research and writing in the discipline of sociology. Topics include reading for deep learning, finding and evaluating secondary resources, and writing various types of sociological papers such as essays for tests, critical reviews, reaction papers, and literature reviews. Prerequisite: SOCI 1010 (2)

SOCI 2530 - Introduction to Research Methods

This course provides students with an introduction to fundamental concepts and skills involved in evaluating and conducting social science research, as well as ethical issues surrounding social research. Students will gain basic insight into research methods through the process of conducting small research projects and developing a research proposal. Students will learn about the following methodologies: basic statistical manipulation of secondary data, survey methods, ethnographic observation, life history, focus group research, and evaluation research. Course is offered in conjunction with one credit Statistical Software lab course. Prerequisites: SOCI 2500, MATH 1020 (STAT 2010) Corequisite: SOCI 2530L (3)

SOCI 2530L - Statistical Software Lab

Students apply statistical analysis employing statistical software. Students manipulate data to answer sociological questions. Students learn to create a data set and to use existing data sets, to execute a range of statistical operations using SPSS, to recode data, to create various graphical representations of data, to select cases and create subsamples, and to test hypotheses. Students will work with both existing public datasets as well as create their own smaller dataset. Prerequisite: MATH 1020 (STAT 2010) (1)

SOCI 3010 - Sociology of Education

The course addresses the processes and patterns in educational systems. Its focus is on identifying, analyzing, and solving community educational problems. Prerequisite: SOCI 1010 (3)

SOCI 3020 - Political Sociology

This course focuses on the nature of power, sources of authority, functions of the state, types of political systems, political culture, political socialization, community power structure studies, the nature of individual participation in the political system, political development and change, and political violence. Prerequisite: Any 1000 level sociology course. (3)

SOCI 3025 - African American Urban Life

(AADS 3025) This interdisciplinary course examines African Americans as agents in shaping the urban experience in the United States. The central focus of the course will be the development of cultural, social, religious, economic, educational and political institutions. Examples will be drawn from among communities such as Harlem, NY, the Central Avenue district of Los Angeles, Chicago's south side, and the Auburn Avenue district of Atlanta, as well as others. Prerequisites: AADS 2000, and any 1000 level sociology course. (3)

SOCI 3030 - Sociological Theory

This course, formulated in socio-historical context, addresses the major theoretical paradigms within, and the major contributors to, the development of sociological theory. Prerequisite: SOCI 1010 (3)

SOCI 3035 - Sociology of Mental Health

This course considers issues ranging from serious mental disorders to subjective indicators of quality of life. The focus is on research and theory pertaining to social processes and mental health functioning. Prerequisite: SOCI 1010 (3)

SOCI 3040 - Population and Society

This course addresses the principles of population analysis in a global context, most especially as they assess rates of birth, death, and migration. Additional topics include issues of differential health, education, occupation, life expectancy, and life span. Prerequisite: Any 1000 level sociology course. (3)

SOCI 3060 - Sociology of Aging

This course is a survey of problems of aging and mortality, with a special emphasis on sociological perspectives within gerontology. Prerequisite: SOCI 1010 (3)

SOCI 3070 - Medical Sociology

This course provides a sociological perspective on issues in health care and health care delivery for students preparing for any health care profession. Prerequisite: SOCI 1010 (3, EXP)

SOCI 3100 - Social Policy

This course is an analysis of social policy developments in the United States, and how said relate to international perceptions of the U.S. Contemporary and futuristic social policies are also examined. Prerequisite: Any 1000 level sociology course. (3)

SOCI 4020 - Urban Sociology

Urban sociology is the study of the origin and growth of cities, including the following topics: patterns of social organization and lifestyles in urban areas, metropolitan structure, suburbanization, and major metropolitan problems, including housing, finance, education, and "white flight." The U.S. urban experience is emphasized. Additional focus is placed on world-wide comparative urban situations. Prerequisites: Any 1000 level sociology course, and junior or senior standing, or instructor's permission. (3)

SOCI 4025 - Health Disparities

The purpose of this course is to examine the interrelationships of social factors influencing health disparities across social groups. Theory, research, and policy will be used to explore topics related to community health and health disparities among populations. Prerequisite: SOCI 3070, or instructor's permission. (3)

SOCI 4080 - Race, Class and Gender Inequality

(WMST 4080) This course is about social inequality. It addresses the causes and effects of crystallized, historical, institutional, procedural, systemic, unequal distribution of desirable but scarce values among ranked population groupings (social strata), with major attention given to this social phenomenon within urban industrial society. Prerequisites: Any 1000 level sociology course or WMST 1020, and junior or senior standing or instructor's permission. (3)

SOCI 4081 - Guided Readings in Sociology

This category of courses is open only to majors; non-majors must receive the approval of the departmental head. Course content is dependent upon faculty discretion. Prerequisites: Junior or senior standing, permission of instructor, and permission of departmental head. (1)

SOCI 4082 - Guided Readings in Sociology

This category of courses is open only to majors; non-majors must receive the approval of the departmental head. Course content is dependent upon faculty discretion. Prerequisites: Junior or senior standing, permission of instructor, and permission of departmental head. (2)

SOCI 4083 - Guided Readings in Sociology

This category of courses is open only to majors; non-majors must receive the approval of the departmental head. Course content is dependent upon faculty discretion. Prerequisites: Junior or senior standing, permission of instructor, and permission of departmental head. (3)

SOCI 4700 - Seminar in Health, Medicine & Society

This course is a capstone course for those students pursuing a B.A. in Sociology who are in the Health, Medicine and Society Concentration. The course will work to synthesize their knowledge from a wide variety of subject matters in which they have taken courses, all of which have revolved around behavioral and social aspects of health, illness, disease, and medicine. These include health disparities, mental health, aging, chronic illness, and the health care system, among others. Prerequisites: Completion of all requirements of Health, Medicine & Society Concentration except SOCI 4025, SOCI 4950 and SOCI 4903, with at least a C. (3)

SOCI 4810 - Special Topics in Sociology

Seminar offering an in-depth, research-intensive exploration of a narrow field of sociological inquiry. Topics vary by semester according to faculty and student interest. Prerequisite: 3 semester hours in sociology and completion of a research methods course in sociology or a related discipline. **3**

SOCI 4901 - Independent Study

For advanced majors only. Students conduct an independent research project with the guidance of an instructor. Students will plan and conduct an original research project, culminating in a scholarly paper or presentation. Students should make plans to enroll in this course at least one semester prior to enrollment, including arranging supervision by an instructor with expertise in the student's area of interest. Prerequisites: SOCI 2530, SOCI 2530L and SOCI 3030, as well as permission of instructor and departmental head. **(1)**

SOCI 4902 - Independent Study

For advanced majors only. Students conduct an independent research project with the guidance of an instructor. Students will plan and conduct an original research project, culminating in a scholarly paper or presentation. Students should make plans to enroll in this course at least one semester prior to enrollment, including arranging supervision by an instructor with expertise in the student's area of interest. Prerequisites: SOCI 2530, SOCI 2530L and SOCI 3030, as well as permission of instructor and departmental head. **(2)**

SOCI 4903 - Independent Study

For advanced majors only. Students conduct an independent research project with the guidance of an instructor. Students will plan and conduct an original research project, culminating in a scholarly paper or presentation. Students should make plans to enroll in this course at least one semester prior to enrollment, including arranging supervision by an instructor with expertise in the student's area of interest. Prerequisites: SOCI 2530, SOCI 2530L and SOCI 3030, as well as permission of instructor and departmental head. **(3)**

SOCI 4950 - Internship

This course involves the placement of a student in the field at a non-profit agency, governmental office, etc., under the dual supervision of an on-site evaluator and an assigned faculty member. Prerequisites: Junior or senior standing, permission of instructor, and permission of departmental head. **(3)**

SOCI 4999 - Senior Comprehensives.

(0)

Spanish

SPAN 1010 - Elementary Spanish

Introduction to Spanish grammar and vocabulary for basic communication in the language. Students will be given ample opportunity to express themselves in Spanish, both orally and in writing. All four language skills of speaking, writing, reading, and listening will be developed and various aspects of Spanish culture will also be presented. **(3, FaSpSu)**

SPAN 1020 - Elementary Spanish

Introduction to Spanish grammar and vocabulary for basic communication in the language. Students will be given ample opportunity to express themselves in Spanish, both orally and in writing. All four language skills of speaking, writing, reading, and listening will be developed and various aspects of Spanish culture will also be presented. (3, FaSpSu)

SPAN 1090 - Conversation and Culture

This course is organized around the communicative approach and the dissemination of cultural ideas. The communicative approach emphasizes communication in the language while at the same time practicing key grammar concepts. Students will review grammar concepts learned in SPAN 1010-SPAN 1020 or the equivalent and enhance their knowledge of these concepts through specific communication goals. They will further these communication skills by using the language to learn about key cultural concepts of the Spanish-speaking world. Prerequisite: minimum placement exam score (see departmental policy). (3)

SPAN 2010 - Intermediate Spanish

Review of grammar and further development of language skills in reading, writing, conversation and listening comprehension. Hispanic and pre- Hispanic cultures are presented through short stories (first semester). Continued development of the four language skills with intensive, in-depth study of the Spanish subjunctive. Short stories will be read and discussed with emphasis upon literary and cultural analysis (2nd. semester) (3-3, FaSp)

SPAN 2020 - Intermediate Spanish

Review of grammar and further development of language skills in reading, writing, conversation and listening comprehension. Hispanic and pre- Hispanic cultures are presented through short stories (first semester). Continued development of the four language skills with intensive, in-depth study of the Spanish subjunctive. Short stories will be read and discussed with emphasis upon literary and cultural analysis (2nd. semester) (3-3, FaSp)

SPAN 2051 - Spanish for Medical Personnel

This course provides a foundation of knowledge and experience for health care providers, enabling better communication with the Hispanic community. Vocabulary and grammar will be presented in a health care context. Students will also be given the opportunity to develop skills of listening and speaking Spanish. Spanish will be spoken at all times in class. Prerequisite: SPAN 1020 or equivalent. (3)

SPAN 3001 - Advanced Grammar and Composition

Intensive review of grammar. Emphasis on verbs, idioms, the subjunctive, and the spoken language. Readings and compositions will include literatures of lesser known cultures in the Americas and the Hispanic world. Prerequisites: SPAN 2010- SPAN 2020 or permission of instructor and department head. (3)

SPAN 3002 - Advanced Grammar and Composition

Intensive review of grammar. Emphasis on verbs, idioms, the subjunctive, and the spoken language. Readings and compositions will include literatures of lesser known cultures in the Americas and the Hispanic world. Prerequisites: SPAN 2010- SPAN 2020 or permission of instructor and department head. (3)

SPAN 3009 - Readings in Spanish Literature

Readings and literary analysis of Spanish (Peninsular) literature and its socio-historical context, from the Middle Ages through the 20th. Century, with special attention to the Black presence on the Iberian Peninsula and in Spanish literature, and to women writers through the centuries. (3)

SPAN 3010 - Readings in Spanish American Literature

The development of Spanish America as seen in its literature, from the Popol Vuh through the Romantics, Modernists, the novel of social protest, and contemporary authors. Emphasis is upon the development of reading competencies in preparation for enrollment in advanced literature courses. (3)

SPAN 3011 - Advanced Conversation

Conversation based on texts, videos, and Web-based sources. Analysis of cultural and some literary texts. Prerequisites: SPAN 2010-SPAN 2020 or permission of instructor and department head. (3)

SPAN 3012 - Advanced Conversation

Conversation based on texts, videos, and Web-based sources. Analysis of cultural and some literary texts. Prerequisites: SPAN 2010-SPAN 2020 or permission of instructor and department head. (3)

SPAN 3030 - Hispanic Culture I: Film, Art, and Music in Spain and Spanish America-Part 1: Medieval to Eighteenth Century

The course explores the literature, history, art and music in Spain and Spanish America from the medieval period to the eighteenth century as well as representations of these periods and places in film. It is organized chronologically and alternates between Spain and Spanish America. Taught in English. (3, EXP)

SPAN 3031 - Hispanic Culture II: Literature, Film, Art, and Music-Part 2: Nineteenth Century to the Present

This is a unique interdisciplinary multimedia course that explores the literature, history and culture of Spain and Spanish America through film, music and art from the Nineteenth Century to the present. Taught in English, this course reflects a synthesis of critical analysis and interpretations of the chronological presentations in texts and media. (3, EXP)

SPAN 3110 - Survey of Spanish Literature

Main authors and literary trends from the Cantar de Mio Cid to 1650 (first semester). Main authors and literary trends from 1700 to the present (second semester) (3)

SPAN 3120 - Survey of Spanish Literature

Main authors and literary trends from the Cantar de Mio Cid to 1650 (first semester). Main authors and literary trends from 1700 to the present (second semester) (3)

SPAN 3130 - Survey of Spanish American Literature

Main authors and literary trends from the Popol Vuh through Romanticism (first semester). Main authors and literary trends from Modernismo and Realismo to the present (second semester) (3)

SPAN 3140 - Survey of Spanish American Literature

Main authors and literary trends from the Popol Vuh through Romanticism (first semester). Main authors and literary trends from Modernismo and Realismo to the present (second semester) (3)

SPAN 3540 - Spanish-American Novel

Development of the Spanish American novel as it correlates to Spanish American history, with emphasis upon the twentieth century. (3)

SPAN 3550 - Spanish-American Poetry

Indigenous poetry through the twentieth century with emphasis upon trends and major figures since 1888. (3)

SPAN 4010 - Cinematic Representations of Hispanic Literature

This course focuses on texts of Spain and Spanish America that have been made into movies. These texts range from the medieval period to the twentieth century and represent canonical contributions to Hispanic literature. Each of the eight texts will be compared and contrasted with their film renditions. The comparisons will yield much discussion and edification about Hispanic literature, history, and culture. Prerequisites: 6 hours of Spanish beyond SPAN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. (3)

SPAN 4015 - Spanish American Women Writers

(WMST 4015) The course explores poetry, short stories, and novels by women of the Spanish-speaking countries of Mexico, Central America, South America, and the Caribbean from the Spanish conquest of America to contemporary Spanish America with special attention to the situation of women in different historical contexts and women's movements in Spanish America. Prerequisites: 6 hours of Spanish beyond SPAN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. (3)

SPAN 4016 - Women Writers of Spain

(WMST 4016) The course explores literature and socio-historic contexts of writing by women from the eighth-century Moorish occupation of the Iberian Peninsula to twenty-first-century Spain. Students will read poetry, drama, essays, and novels by Spanish women and learn about women's movements and women's situations in Spain from medieval times to the present. Prerequisites: 6 hours of Spanish beyond SPAN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. (3)

SPAN 4020 - Afro-Hispanic Studies

(AADS 4020) This course is a panoramic survey of Afro-Hispanic history and literature from early Peninsular and Latin American writings through their transformation and development into a corpus of literary works throughout Latin America. The course is open to all upper-level students who are interested in acquiring in-depth knowledge of the international African Diaspora presence in the Spanish-speaking areas of the New World. The language of instruction is English; students who have a high level of proficiency in Spanish will read the required texts in that language. (3, EXP)

SPAN 4025 - Afro-Latin American and Louisiana Oral Traditions: West African Tales and their Transmission to the New World

(FREN 4025, AADS 4025) A survey of oral traditions and how they reflect the social, cultural, and economic structures of the cultures from which they sprang. Through the identification of primary characters and a study of the changing roles that they play within the creative expressions of societies they represent, course participants will gain insights into the representation of social realities through the symbolic development of characters in folk tales and their interactions. Taught in English. (3, EXP)

SPAN 4030 - Afro Latin-American Culture and Civilization

(AADS 4030, FREN 4030, LANG 4030) Comprehensive interdisciplinary overview of academic and cultural information and experiences about Afro Latin-Americans, their history, culture, traditions, and contributions throughout Latin America, and Louisiana. Cultural excursions, guest lecturers, and independent research are integrated into course curriculum. Taught in English. (3, EXP)

SPAN 4031 - Directed Readings in Spanish

Readings in an area of Spanish literature mutually agreed upon by teacher and student that is not covered by a current course. Prerequisites: Permission of instructor and department head. (1)

SPAN 4032 - Directed Readings in Spanish

Readings in an area of Spanish literature mutually agreed upon by teacher and student that is not covered by a current course. Prerequisites: Permission of instructor and department head. (2)

SPAN 4033 - Directed Readings in Spanish

Readings in an area of Spanish literature mutually agreed upon by teacher and student that is not covered by a current course. Prerequisites: Permission of instructor and department head. (3)

SPAN 4041 - Directed Readings in Spanish

Readings in an area of Spanish literature mutually agreed upon by teacher and student that is not covered by a current course. Prerequisites: Permission of instructor and department head. (1)

SPAN 4042 - Directed Readings in Spanish

Readings in an area of Spanish literature mutually agreed upon by teacher and student that is not covered by a current course. Prerequisites: Permission of instructor and department head. (2)

SPAN 4043 - Directed Readings in Spanish

Readings in an area of Spanish literature mutually agreed upon by teacher and student that is not covered by a current course. Prerequisites: Permission of instructor and department head. (3)

SPAN 4050 - Internship

Placement in a supervised work or research situation using Spanish. Prerequisite: Permission of department head. (3)

SPAN 4051 - Special Topics in Spanish

Critical analysis and exploration of Spanish language, culture, and literature. Topics vary according to the needs and interests of department faculty and majors. May be repeated for up to 12 hours of credit. Prerequisites: 6 hours of Spanish beyond SPAN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. (3)

SPAN 4052 - Special Topics in Spanish

Critical analysis and exploration of Spanish language, culture, and literature. Topics vary according to the needs and interests of department faculty and majors. May be repeated for up to 12 hours of credit. Prerequisites: 6 hours of Spanish beyond SPAN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. (3)

SPAN 4053 - Introduction to Literary Criticism of Spanish, Hispanic, American, French, and Francophone Literature

(FREN 4053, LANG 4053) This course is a capstone course designed for the upper-level students majoring in either French or Spanish. Through readings of both critical texts and literary works, students develop a comprehension of the relationships among history, culture, ideology, and literary production. Students read the literary works under study in their target languages. Discussion is in English in order to accommodate majors from both languages. (3)

SPAN 4080 - Foreign Language Teaching Methodology

(FREN 4080, LANG 4080) An examination of conventional methodologies of teaching foreign languages. This presentation will be directed to both primary and secondary levels and will include the following topics, among others: analysis of the theoretical premises upon which each method is founded; critical assessment of the strengths and limitations of each method; demonstration of classroom techniques derived from the various methods; discussion of the proficiency orientation contained in each method; and analysis of current textbooks and materials with discussion of how they reflect the theories under study. The practical component of the course will be integrated through demonstrations of teaching techniques, peer teaching, class observations, and hands-on activities. (3)

SPAN 4999 - Senior Comprehensives

(0)

Speech Pathology

SPTH 1320 - Introduction to Communication Disorders

Definitions and methods of identifying various speech-language disorders, five hours of observation required. (3, Fa, Sp)

SPTH 2310 - Phonetics

Developmental use of the International Phonetic Alphabet for normal and irregular speech patterns. (3, Sp)

SPTH 2340 - Anatomy and Physiology of Speech and Hearing Mechanism

Identification and function of anatomical structures pertinent to the processes of speech and hearing. **(4, Fa, EXP)**

SPTH 2500 - Speech and Hearing Science

The basic principles of acoustics as applied to (a) the production of speech, including respiration, phonation, articulation, resonance, and (b) the perception of speech including auditory behavior. Prerequisites: SPTH 1320 and SPTH 2340 **(3, Sp)**

SPTH 2510 - Speech Science

The basic principles of acoustics as applied to the production of speech, including respiration, phonation, articulation, resonance, and neurological processes. Prerequisite: SPTH 2340 **(3, Sp)**

SPTH 2730 - Normal Language Development

Study of the normal acquisition and development of language; five hours of observation required. Prerequisite: SPTH 1320 **(3, Sp)**

SPTH 3010 - Language Disorders

Study of the nature and causes of language disorders in children and the evaluation and therapeutic procedures used. Five hours of observation required. Prerequisite: SPTH 2730 **(3, Fa)**

SPTH 3075 - Special Topics in Speech Pathology/Audiology

Offered as needed. In-depth study through lecture, discussion, and research of a particular area or issue in the field of speech pathology or audiology. Specific subject matter to be chosen by the faculty. Prerequisites: At least six semester hours of speech pathology/audiology courses or permission of instructor. **(3)**

SPTH 3335 - Audiology

Anatomy and physiology of the ear, etiologies, testing (including pure tone, speech, tympanometry and OAE's). Five clock hours of observation required. Prerequisites: SPTH 2340 **(4, Fa)**

SPTH 3340 - Aural Rehabilitation

Interpretation of audiograms, auditory training, speech reading, prevention of hearing loss, special problems of acoustically handicapped. Prerequisite: SPTH 3535 **(3, Sp)**

SPTH 3535 - Hearing Testing

Theory and practicum for differential diagnostic audiometric testing. Includes basic pure tone, speech and special testing for determining site of lesion. Five hours of observation required. Prerequisites: SPTH 1320, SPTH 2340, SPTH 2500 and SPTH 3335. **(3, Sp)**

SPTH 3760 - Introduction to Clinic

Introduction to the techniques and materials used in speech and language assessment, treatment, ethics and professionalism and structure of clinical practice. Five hours of observation required. Prerequisites: SPTH 1320 and SPTH 2730 **(3, Sp)**

SPTH 3920 - Articulation Disorders

Study of speech development, the causes of articulation disorders and procedures and methods for evaluation and treatment. Prerequisites: SPTH 1320 and SPTH 2310 **(3, Fa)**

SPTH 4131 - Independent Study

An opportunity for in-depth study, research, or additional clinical practicum in speech-language pathology or audiology. The topic or area of study will be initiated by the student and approved by the supervising faculty member. Prerequisite: Senior level status and/or permission of instructor. **(1)**

SPTH 4132 - Independent Study

An opportunity for in-depth study, research, or additional clinical practicum in speech-language pathology or audiology. The topic or area of study will be initiated by the student and approved by the supervising faculty member. Prerequisite: Senior level status and/or permission of instructor. **(2)**

SPTH 4133 - Independent Study

An opportunity for in-depth study, research, or additional clinical practicum in speech-language pathology or audiology. The topic or area of study will be initiated by the student and approved by the supervising faculty member. Prerequisite: Senior level status and/or permission of instructor. **(3)**

SPTH 4320 - Voice Disorders

Etiology, physiology, and pathology associated with the acoustic symptoms of the disorder; evaluation and current methods in voice pathology management. Prerequisites: SPTH 1320 and SPTH 2340 **(3)**

SPTH 4560 - Fluency Disorders

Exploration of stuttering theories, etiology, symptomatology, diagnosis, and treatment. Prerequisite: SPTH 1320 **(3)**

SPTH 4601A - Clinical Practicum in Audiology

Supervised experience in performing hearing screenings, and evaluations. A minimum of 15 clock hours for the first semester and 25 clock hours for the second semester. Prerequisites: SPTH 2340, SPTH 3335, and 3525. **(1, Fa)**

SPTH 4601P - Clinical Practicum in Speech Pathology

Supervised experience working with persons with speech, language, and/or hearing problems; including screenings, evaluations and therapy. A minimum of 25 clock hours per semester. Prerequisites: SPTH 1320, SPTH 2310, SPTH 2340, SPTH 2730, 2920, SPTH 3760, and 4010. Students must have earned grade of B or better in SPTH 3920, SPTH 3760, and 4010 to enroll. **(2, Fa)**

SPTH 4602A - Clinical Practicum in Audiology

Supervised experience in performing hearing screenings, and evaluations. A minimum of 15 clock hours for the first semester and 25 clock hours for the second semester. Prerequisites: SPTH 2340, SPTH 3335, and 3525. **(2, Sp)**

SPTH 4602P - Clinical Practicum in Speech Pathology

Supervised experience working with persons with speech, language, and/or hearing problems; including screenings, evaluations and therapy. A minimum of 25 clock hours per semester. Prerequisites: SPTH 1320, SPTH 2310, SPTH 2340, SPTH 2730, 2920, SPTH 3760, and 4010. Students must have earned grade of B or better in SPTH 3920, SPTH 3760, and 4010 to enroll. **(2, Sp)**

SPTH 4999 - Senior Comprehensives

(0)

Statistics

STAT 2010 - Statistical Methods I

(MATH 1020) Descriptive statistics, probability and statistical inference. Students may not receive credit for both MATH 2010 (STAT 1020) and ECON 2070. Prerequisite: Completion of all developmental mathematics deficiencies. **(3, FaSpSu, EXP)**

STAT 2020 - Statistical Methods II

(MATH 2040) Hypothesis testing of population means, proportions, etc. Contingency tables, goodness-of-fit, analysis of variance, nonparametric statistics. Introduction of computer packages to analyze data. Prerequisite: Grade of "C" or higher in STAT 2010 (or MATH 1020) or ECON 2070. **(3, FaSp, EXP)**

STAT 2150L - Statistics Technology Lab

(MATH 2150L) Problem-solving in statistics using appropriate statistical software. Prerequisite: Grade of "C" or higher in STAT 2010 (MATH 1020) or ECON 2070. **(1, Sp)**

STAT 3010 - Biostatistics

(MATH 3010) Applications of descriptive and inferential statistics to health science disciplines. Introduction of specialized techniques used in biomedical sciences. Prerequisite: Grade of "C" or higher in MATH 1070/MATH 1070H. Corequisite: STAT 3010D/MATH 3010D **(3, FaSpSu, EXP)**

STAT 3010D - Biostatistics Drill

(MATH 3010D) Applications of descriptive and inferential statistics to health science disciplines. Introduction of specialized techniques used in biomedical sciences. Biostatistics Drill meets once per week. Prerequisite: Grade of "C" or higher in MATH 1070/MATH 1070H. Corequisite: STAT 3010/MATH 3010 **(0, FaSpSu, EXP)**

STAT 3700 - Multivariate Data Analysis

(SMKT 3700) Usually offered fall semester. This course will focus on advanced marketing research methods (multivariate data analysis techniques). Students will examine various multivariate techniques and apply them to

managerial marketing situations and research questions. Prerequisites: SMKT 2050, ECON 2070, and ECON 2080 or [MATH 1020 (STAT 2010) and MATH 2040 (STAT 2020)] or permission of instructor. **(3, Fa)**

STAT 4040 - Mathematical Probability and Statistics I

(MATH 4040) Introduction to concepts of probability and random variables. Discrete and continuous distribution with applications. Algebra of expectations. Covariance and correlation in two random variables. Prerequisite: Grade of "C" or better in MATH 2080 and in STAT 2010 (MATH 2010) or equivalent or permission of instructor. **(3, Fa)**

STAT 4045 - Mathematical Probability and Statistics II

(MATH 4045) Purpose and nature of sampling, particularly from normal populations. Chi-square, t, and F distributions. Formulating and testing statistical hypotheses, point and interval estimation. Prerequisite: Grade of "C" or higher in STAT 4040 (or MATH 4040) or permission of instructor. **(3, Sp)**

STAT 4201 - Special Topics

Topics may vary from semester to semester. May be repeated for credit when the topic changes. Prerequisites: Permission of the instructor. **(1)**

STAT 4202 - Special Topics

Topics may vary from semester to semester. May be repeated for credit when the topic changes. Prerequisites: Permission of the instructor. **(2)**

STAT 4203 - Special Topics

Topics may vary from semester to semester. May be repeated for credit when the topic changes. Prerequisites: Permission of the instructor. **(3)**

STAT 4511 - Colloquium

(MATH 4511) Topic determined each semester by faculty. Independent work by students under the guidance of a faculty member to be presented orally and in writing to student majors and faculty. Meets once per week. Prerequisites: A grade of "C" or higher in all MATH or STAT required courses at the 2000-level and junior or senior status. **(1, FaSp)**

STAT 4521 - Colloquium

(MATH 4521) Topic determined each semester by faculty. Independent work by students under the guidance of a faculty member to be presented orally and in writing to student majors and faculty. Meets once per week. Prerequisites: STAT 4511. A grade of "C" or higher in all MATH or STAT required courses at the 2000-level and junior or senior status. **(1, FaSp)**

STAT 4999 - Senior Comprehensives

(0)

Theology

All Theology courses are reading and writing intensive and the successful completion of all developmental reading and English courses is a prerequisite.

Students may satisfy the Theology six-semester hour core curriculum requirement by successfully completing any two Theology courses.

THEO 1100 - The Christian Faith

Introduces the Christian Theological Tradition by presenting the historical, cultural and social contexts for past and contemporary Christian Faith. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3, FaSpSu, EXP)

THEO 1120 - Introduction to Biblical Studies

Introduces the discipline of biblical studies by applying various methodologies used by Bible scholars to the Hebrew and Christian Scriptures. Examines the historical and cultural traditions that influenced the Bible, and the religious beliefs of ancient Israel. Requires careful reading of major portions of the Bible. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3, FaSpSu, EXP)

THEO 1122 - Introduction to Biblical Hebrew

(HBWR 1122) An introductory course for students with little or no previous training in Hebrew. Introduces basic vocabulary and grammatical structure. Theological focus includes reading in the Hebrew language and discussing theophanies, biblical law, descriptions of God, and biblical poetry. Also introduces students to textual criticism. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 1123 - Introduction to Biblical Hebrew

(HBWR 1123) An introductory course for students with little or no previous training in Hebrew. Introduces basic vocabulary and grammatical structure. Theological focus includes reading in the Hebrew language and discussing theophanies, biblical law, descriptions of God, and biblical poetry. Also introduces students to textual criticism. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. THEO 1122/HBWR 1122. (3)

THEO 1124 - Introduction to Biblical Greek

(GREK 1124) This course provides a basic introduction to the Greek language used in writing the New Testament. The student will be instructed in the basic morphology of koine Greek in order to develop translation skills from Greek to English and facilitate readings of New Testament passages and for interpreting various Christological views. The grammar is deductive in approach. This course also introduces students to the study of textual criticism and the textual apparatus of The Greek New Testament. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 1125 - Introduction to Biblical Greek

(GREK 1125) This course provides a basic introduction to the Greek language used in writing the New Testament. The student will be instructed in the basic morphology of koine Greek in order to develop translation skills from Greek to English and facilitate readings of New Testament passages and for interpreting various Christological views. The grammar is deductive in approach. This course also introduces students to the study of textual criticism and the textual apparatus of The Greek New Testament. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. Successful completion of THEO 1124/GREK 1124. (3)

THEO 1170 - Introduction to Theology

Introduces theology by presenting the sources and methods for doing theology and using those preliminary guidelines to approach various types of Christian theology. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3, FaSpSu)

THEO 2001 - The Torah of Israel

Studies the core concepts of the Torah in light of modern biblical scholarship and looks at various traditional ways Jews, Christians, and Muslims have interpreted this block of biblical literature. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3, EXP)

THEO 2002 - Prophets and Prophecy

Examines the phenomenon of prophecy in the ancient Near East, the historical, literary, and cultural situation of the various prophets and their major theological emphases. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3, EXP)

THEO 2003 - Psalms and Wisdom Literature

Explores Hebrew poetic techniques, the various types of psalms and their setting in Israel's life; examines the origins and function of Israel's wisdom traditions. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 2021 - The Synoptic Gospels and Acts

Studies the content of the synoptic Gospels of the New Testament and the Book of Acts as well as their literary, historical, social and theological contexts; compares and contrasts the various portraits of Jesus, their messages for the early Christians, and their relevance for modern readers. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 2022 - Letters of Paul

Examines the various letters in the Christian Scriptures associated with Paul; investigates the social settings and theological themes found in these letters and the contemporary disputes over the proper interpretation of this material. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core

Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 2023 - Apocalyptic Literature and the Book of Revelation

Investigates the historical and cultural situation of apocalyptic literature prior to and including the Book of Revelation; the major theological emphases found in Jewish and Christian apocalypses; critiques various ancient and modern interpretations of the Book of Revelation. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3, EXP)

THEO 2024 - The Gospel and Letters of John

This course offers an introduction to the Gospel of John. Primary focus will be upon the textual narrative and theology of John's Gospel, with detailed examination of key Christological passages. It will also provide an examination of the Gospel's literary structures and techniques, especially its symbolic framework and its theological themes, the relationship of John's Gospel to the Synoptic traditions, and the possible concerns and context of the Johannine community. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite(s): Completion of all required English/Reading developmental course work. (3)

THEO 2100 - Comparative Religion

Examines the relationship of Christianity to one or more of the world's religions. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3, EXP)

THEO 2110 - Historical Survey of the Catholic Church

Presents the history of the Church, including the development of various forms and branches of Christianity. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 2120 - Catholicism

Studies the theology, doctrine, ritual and moral principles specific to the Roman Catholic Church. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 2150 - Theological Perspectives of African American Christianity

Explores the meaning and theological implications of African American Christianity. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3, EXP)

THEO 2220 - Islam: Origins and Historical Impact

(HIST 2220) Examines the origins of Islamic religion and culture, as well as its history and global impact, by employing theological and historical methodologies. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3, EXP)**

THEO 2250 - Religions of the Ancient Near East

(HIST 2250) Examines religion in ancient Egypt, Mesopotamia, Syria, and Israel/Canaan through reading ancient Near Eastern religious texts, viewing religious iconography, and examining religious architecture and cultic implements. The course will explore these ancient societies' answers to such questions as the nature of the divine, the relationship between the divine and humans (including all classes of society), creation, problems of theodicy, and their notions of afterlife. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3, EXP)**

THEO 2410 - Christianity in the Early Period

Explores the history of Christianity in the first five centuries. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3, EXP)**

THEO 2420 - Christianity in the Medieval Period

Explores the history of Christianity from Augustine to the Protestant Reformation. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3)**

THEO 2440 - Christianity in the Modern Period

Explores the history of Christianity from the Protestant Reformation to the present. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3, EXP)**

THEO 2500 - Moral Theology

Presents the Catholic tradition of morality with attention to selected moral issues in contemporary society. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3, EXP)**

THEO 2600 - Women in Religion

Investigates womanist and feminist issues in religion and theology. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework.

THEO 2700 - Religion and Theology in North America

Studies the development of religious and theological issues in North America. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3, EXP)**

THEO 2800 - Perspectives in Contemporary Theology

Examines contemporary national and international perspectives in theology, and the major theologians who represent them. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3)**

THEO 3000 - Sacramental Theology

Investigates the basic principles of sacramental theology in Catholicism and other Christian communities. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3)**

THEO 3010S - Seminar

Seminar on specialized topics in the related fields of theology. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(1)**

THEO 3012S - Seminar: Research and Presentation Methods in Theology

A seminar conducted in conjunction with various full-time faculty members to gain practical experience in using the tools and methods appropriate to various Theological specializations. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(1)**

THEO 3020S - Seminar

Seminar to prepare for comprehensive exams. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(1)**

THEO 3030S - Seminar

Utilizes readings and lectures based on the research of individual faculty members. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3)**

THEO 3060 - Theological Understanding of Jesus Christ

Examines the historical and theological perspectives of Jesus Christ as presented in the Christian scriptures, in early centuries of Christian thought, and in subsequent Christian reflection. All Theology Courses are reading and writing

intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 3080 - Theological Understanding of the Catholic Church

Explores the essential nature of the Catholic Church from a theological perspective. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 3120 - Methods of Biblical Study

Examines the field of biblical studies by concentrating on one or more methodologies, including archaeology, historical criticism, social-scientific methods, and/or literary-based analysis. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 3200 - Theological Foundations of Social Justice

Investigates theological texts that give a basis for justice and its meaning for contemporary society. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 3300 - Religion in Africa

Explores aspects of religious belief and practice in traditional African religion, Christianity, Islam and Independent African churches, as well as African Theologies of liberation and incarnation. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 3370 - History of Jewish Thought

Presents an overview of Jewish historical religious tradition. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3)

THEO 3410 - Theological Perspectives of the Reformation

Explores the historical, cultural and social contexts from which the various expressions of reform movements began. The course will examine the theologies of the Protestant Reformers, the radical Reformers, and the Roman Catholic Counter-Reformation. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. (3, EXP)

THEO 3500 - The Theology of Flannery O'Connor

(ENGL 3500) This course is an intensive study of the theological concepts found in the writings of American fiction writer Flannery O'Connor. In addition, students will consider the works purely as literature, therefore reinforcing skills learned in other literature courses. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3, EXP)**

THEO 3800 - Environmental Issues in Christian Perspective

Explores modern and contemporary environmental issues from a Christian theological perspective. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3, EXP)**

THEO 3850 - Theology and Science

Examines the relationship between theology and science by looking at the historical development of the relationship, how theology relates to the methods and theories of science, and how theology and science have influenced, and continue to influence, one another. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(3)**

THEO 4001 - Directed Readings

Permission of chairperson. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(1, 2, or 3)**

THEO 4002 - Directed Readings

Permission of chairperson. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(1, 2, or 3)**

THEO 4003 - Directed Readings

Permission of chairperson. All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(1, 2, or 3)**

THEO 4999 - Senior Comprehensives

All Theology Courses are reading and writing intensive. Students may satisfy the Theology six-semester hour Core Curriculum requirement by successfully completing any two Theology Courses. Prerequisite: Successful completion of all English/Reading developmental coursework. **(0, FaSp)**

Vocal And Instrumental Ensembles

MUEN 1010S - Symphonic Band

Open to all students of the University community, except music majors. **(2 for non-music majors only)**

MUEN 1010U - University Chorus

Open to all members of the University community, except music majors. No audition necessary, but previous choral experience required. **(2 for non-music majors only)**

MUEN 1020S - Symphonic Band

Open to all students of the University community, except music majors. **(2 for non-music majors only)**

MUEN 1020U - University Chorus

Open to all members of the University community, except music majors. No audition necessary, but previous choral experience required. **(2 for non-music majors only)**

MUEN 1030C - Concert Choir

Membership limited by audition. Not open to music majors. **(2 for non-music majors only)**

MUEN 1040C - Concert Choir

Membership limited by audition. Not open to music majors. **(2 for non-music majors only)**

MUEN 1051J - Jazz Laboratory Band

Study and performance of modern jazz literature. Not open to music majors. **(2 for non-music majors only)**

MUEN 1061J - Jazz Laboratory Band

Study and performance of modern jazz literature. Not open to music majors. **(2 for non-music majors only)**

MUEN 1310U - University Chorus

Open to all members of the University community. No audition necessary, but previous choral experience required. **(1)**

MUEN 1320U - University Chorus

Open to all members of the University community. No audition necessary, but previous choral experience required. **(1)**

MUEN 1330C - Concert Choir

Membership limited by audition. **(1)**

MUEN 1331xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(1)**

MUEN 1332xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (2)

MUEN 1333xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (3)

MUEN 1340C - Concert Choir

Membership limited by audition. (1)

MUEN 1341xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (1)

MUEN 1342xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (2)

MUEN 1343xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (3)

MUEN 1351O - Opera Workshop

Staged productions of operas and operatic scenes. (1)

MUEN 1352O - Opera Workshop

Staged productions of operas and operatic scenes. (2)

MUEN 1353O - Opera Workshop

Staged productions of operas and operatic scenes. (3)

MUEN 1361O - Opera Workshop

Staged productions of operas and operatic scenes. (1)

MUEN 1362O - Opera Workshop

Staged productions of operas and operatic scenes. (2)

MUEN 1363O - Opera Workshop

Staged productions of operas and operatic scenes. (3)

MUEN 1370C - Contemporary Group

Study and performance of a variety of contemporary musical styles. **(2 for non-music majors only)**

MUEN 1370C - Contemporary Group

Study and performance of a variety of contemporary musical styles. **(1)**

MUEN 1380C - Contemporary Group

Study and performance of a variety of contemporary musical styles. **(2 for non-music majors only)**

MUEN 1380C - Contemporary Group

Study and performance of a variety of contemporary musical styles. **(1)**

MUEN 1910S - Symphonic Band

Open to all students of the University community. **(1)**

MUEN 1920S - Symphonic Band

Open to all students of the University community. **(1)**

MUEN 1951J - Jazz Laboratory Band

Study and performance of modern jazz literature. **(1)**

MUEN 1961J - Jazz Laboratory Band

Study and performance of modern jazz literature. **(1)**

MUEN 2010S - Symphonic Band

Open to all students of the University community, except music majors. **(2 for non-music majors only)**

MUEN 2010U - University Chorus

Open to all members of the University community, except music majors. No audition necessary, but previous choral experience required. **(2 for non-music majors only)**

MUEN 2020S - Symphonic Band

Open to all students of the University community, except music majors. **(2 for non-music majors only)**

MUEN 2020U - University Chorus

Open to all members of the University community, except music majors. No audition necessary, but previous choral experience required. **(2 for non-music majors only)**

MUEN 2030C - Concert Choir

Membership limited by audition. Not open to music majors. **(2 for non-music majors only)**

MUEN 2040C - Concert Choir

Membership limited by audition. Not open to music majors. **(2 for non-music majors only)**

MUEN 2051J - Jazz Laboratory Band

Study and performance of modern jazz literature. Not open to music majors. **(2 for non-music majors only)**

MUEN 2061J - Jazz Laboratory Band

Study and performance of modern jazz literature. Not open to music majors. **(2 for non-music majors only)**

MUEN 2310U - University Chorus

Open to all members of the University community. No audition necessary, but previous choral experience required. **(1)**

MUEN 2320U - University Chorus

Open to all members of the University community. No audition necessary, but previous choral experience required. **(1)**

MUEN 2330C - Concert Choir

Membership limited by audition. **(1)**

MUEN 2331xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(1)**

MUEN 2332xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(2)**

MUEN 2333xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(3)**

MUEN 2340C - Concert Choir

Membership limited by audition. **(1)**

MUEN 2341xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (1)

MUEN 2342xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (2)

MUEN 2343xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (3)

MUEN 2351O - Opera Workshop

Staged productions of operas and operatic scenes. (1)

MUEN 2352O - Opera Workshop

Staged productions of operas and operatic scenes. (2)

MUEN 2353O - Opera Workshop

Staged productions of operas and operatic scenes. (3)

MUEN 2361O - Opera Workshop

Staged productions of operas and operatic scenes. (1)

MUEN 2362O - Opera Workshop

Staged productions of operas and operatic scenes. (2)

MUEN 2363O - Opera Workshop

Staged productions of operas and operatic scenes. (3)

MUEN 2370C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (2 for non-music majors only)

MUEN 2370C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (1)

MUEN 2380C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (2 for non-music majors only)

MUEN 2380C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (1)

MUEN 2910S - Symphonic Band

Open to all students of the University community. (1)

MUEN 2920S - Symphonic Band

Open to all students of the University community. (1)

MUEN 2951J - Jazz Laboratory Band

Study and performance of modern jazz literature. (1)

MUEN 2961J - Jazz Laboratory Band

Study and performance of modern jazz literature. (1)

MUEN 3010S - Symphonic Band

Open to all students of the University community, except music majors. (2 for non-music majors only)

MUEN 3010U - University Chorus

Open to all members of the University community, except music majors. No audition necessary, but previous choral experience required. (2 for non-music majors only)

MUEN 3020S - Symphonic Band

Open to all students of the University community, except music majors. (2 for non-music majors only)

MUEN 3020U - University Chorus

Open to all members of the University community, except music majors. No audition necessary, but previous choral experience required. (2 for non-music majors only)

MUEN 3030C - Concert Choir

Membership limited by audition. Not open to music majors. (2 for non-music majors only)

MUEN 3040C - Concert Choir

Membership limited by audition. Not open to music majors. (2 for non-music majors only)

MUEN 3051J - Jazz Laboratory Band

Study and performance of modern jazz literature. Not open to music majors. **(2 for non-music majors only)**

MUEN 3061J - Jazz Laboratory Band

Study and performance of modern jazz literature. Not open to music majors. **(2 for non-music majors only)**

MUEN 3310U - University Chorus

Open to all members of the University community. No audition necessary, but previous choral experience required. **(1)**

MUEN 3320U - University Chorus

Open to all members of the University community. No audition necessary, but previous choral experience required. **(1)**

MUEN 3330C - Concert Choir

Membership limited by audition. **(1)**

MUEN 3331xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(1)**

MUEN 3332xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(2)**

MUEN 3333xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(3)**

MUEN 3340C - Concert Choir

Membership limited by audition. **(1)**

MUEN 3341xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(1)**

MUEN 3342xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(2)**

MUEN 3343xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) **(3)**

MUEN 3351O - Opera Workshop

Staged productions of operas and operatic scenes. (1)

MUEN 3352O - Opera Workshop

Staged productions of operas and operatic scenes. (2)

MUEN 3353O - Opera Workshop

Staged productions of operas and operatic scenes. (3)

MUEN 3361O - Opera Workshop

Staged productions of operas and operatic scenes. (1)

MUEN 3362O - Opera Workshop

Staged productions of operas and operatic scenes. (2)

MUEN 3363O - Opera Workshop

Staged productions of operas and operatic scenes. (3)

MUEN 3370C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (2 for non-music majors only)

MUEN 3370C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (1)

MUEN 3380C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (2 for non-music majors only)

MUEN 3380C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (1)

MUEN 3910S - Symphonic Band

Open to all students of the University community. (1)

MUEN 3920S - Symphonic Band

Open to all students of the University community. (1)

MUEN 3951J - Jazz Laboratory Band

Study and performance of modern jazz literature. (1)

MUEN 3961J - Jazz Laboratory Band

Study and performance of modern jazz literature. (1)

MUEN 4010S - Symphonic Band

Open to all students of the University community, except music majors. (2 for non-music majors only)

MUEN 4010U - University Chorus

Open to all members of the University community, except music majors. No audition necessary, but previous choral experience required. (2 for non-music majors only)

MUEN 4020S - Symphonic Band

Open to all students of the University community, except music majors. (2 for non-music majors only)

MUEN 4020U - University Chorus

Open to all members of the University community, except music majors. No audition necessary, but previous choral experience required. (2 for non-music majors only)

MUEN 4030C - Concert Choir

Membership limited by audition. Not open to music majors. (2 for non-music majors only)

MUEN 4040C - Concert Choir

Membership limited by audition. Not open to music majors. (2 for non-music majors only)

MUEN 4051J - Jazz Laboratory Band

Study and performance of modern jazz literature. Not open to music majors. (2 for non-music majors only)

MUEN 4061J - Jazz Laboratory Band

Study and performance of modern jazz literature. Not open to music majors. (2 for non-music majors only)

MUEN 4310U - University Chorus

Open to all members of the University community. No audition necessary, but previous choral experience required. (1)

MUEN 4320U - University Chorus

Open to all members of the University community. No audition necessary, but previous choral experience required. (1)

MUEN 4330C - Concert Choir

Membership limited by audition. (1)

MUEN 4331xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (1)

MUEN 4332xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (2)

MUEN 4333xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (3)

MUEN 4340C - Concert Choir

Membership limited by audition. (1)

MUEN 4341xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (1)

MUEN 4342xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (2)

MUEN 4343xx - Chamber Ensemble

Study and performance of chamber music in various instrumental combinations. (Course carries instrument suffix.) (3)

MUEN 4351O - Opera Workshop

Staged productions of operas and operatic scenes. (1)

MUEN 4352O - Opera Workshop

Staged productions of operas and operatic scenes. (2)

MUEN 4353O - Opera Workshop

Staged productions of operas and operatic scenes. (3)

MUEN 4361O - Opera Workshop

Staged productions of operas and operatic scenes. (1)

MUEN 4362O - Opera Workshop

Staged productions of operas and operatic scenes. (2)

MUEN 4363O - Opera Workshop

Staged productions of operas and operatic scenes. (3)

MUEN 4370C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (2 for non-music majors only)

MUEN 4370C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (1)

MUEN 4380C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (2 for non-music majors only)

MUEN 4380C - Contemporary Group

Study and performance of a variety of contemporary musical styles. (1)

MUEN 4910S - Symphonic Band

Open to all students of the University community. (1)

MUEN 4920S - Symphonic Band

Open to all students of the University community. (1)

MUEN 4951J - Jazz Laboratory Band

Study and performance of modern jazz literature. (1)

MUEN 4961J - Jazz Laboratory Band

Study and performance of modern jazz literature. (1)

Women's Studies

WMST 1030 - Introduction to Women's Studies

This course is an interdisciplinary, cross-cultural introduction to the study of women. Focusing on intersections of class, race and gender, students will investigate the ramifications of cultural, social, economic, political, psychological

and spiritual forces on women's lives. Students will also explore how structures of domination, power and identity affect, define and shape women. Prerequisite(s): None **(3, EXP)**

WMST 1500 - Women in World History

(HIST 1500) Provides an overview of the history of women in world civilization from roughly 100 A.D to the present, with emphasis on the lived experiences of women in a wide range of different cultural contexts, as well as the construct of gender in society. Prerequisite(s): None **(3, EXP)**.

WMST 2040 - Sociology of Gender

(SOVI 2040) This introduction to the sociological study of gender addresses the social processes of learning gender identities, its role in shaping society and the relationship between gender and power. Topics include theoretical approaches to the study of gender, gender dynamics in various social institutions, and the intersection of gender with other social identities, such as class, race, ethnicity and sexuality. In addition, the course explores the variation in gender identities across social groups, time, place and sexual identity. Prerequisite(s): Any 1000 level sociology course or WMST 1030 and instructor's permission. **(3)**

WMST 2240 - Politics of Gender and Sexuality

(PSCI 2240) This course examines gender and sexuality as political identities. It will address the impact of gender and sexuality on individual political behavior as well as the impact of political movements on these political identities. In addition, the course will address how governments and the political arena define gender and its relationship to sexuality. Prerequisite(s): None **(3, EXP)**

WMST 2600 - Women in Religion

(THEO 2600) Investigates womanist and feminist issues in religion and theology. Prerequisite(s): None **(3)**

WMST 3000 - Special Topics in Women's Studies

This course is designed to develop more fully topics, genres, periods, and texts that are touched upon in the Introduction to Women's Studies (WMST 1030) course. It is taught from an interdisciplinary feminist perspective, which emphasizes approaches to and methodologies in the study of the Humanities, Social and Behavioral Sciences and related disciplines. The course may be taken more than once provided that the content differs from that of a previous Special Topics class. **3**

WMST 3010 - Women in International Contexts

(HIST 3010) A comparative exploration of women's history during the late nineteenth and early twentieth centuries. This course focuses on the similarities and differences between the experiences of women in different parts of the world, with particular emphasis on personal narratives. Prerequisite(s): None **(3, EXP)**

WMST 3022 - Afro-Francophone Women Writers

(FREN 3022, AADS 3022) The course studies novels by women from French-speaking African countries such as Cameroon, Senegal, Ivory Coast, Algeria, and Congo supplemented with films set in Burkina Faso and Mali that deal with women's issues. Historical contexts, feminist movements, and women's roles are considered in order to situate the literature. The class utilizes a book-club discussion format as well as student oral presentations, weekly essays, and a final paper. Prerequisites: FREN 2010-FREN 2020 or permission of instructor and department head. **(3)**

WMST 3035 - Psychology of Gender

(PSYC 3035) Focuses on how gender as a social construct shapes the lives of men and women in contemporary society. Specific issues addressed include ideas and stereotypes about masculinity and femininity; gender differences and similarities in cognitive abilities, personality, and social behavior, gender roles in families; the economic dynamics associated with gender; representations of men and women in the media and culture; physical and mental health implications of gender, and the potential for change in gender relations and gender inequality. Prerequisite: Approval of instructor. (3, EXP)

WMST 3080 - Gender and Communication

(CMST 3080) This course is developed to stimulate understanding of how gender is conceptualized and operationalized in order to socialize individuals into particular kinds of gendered identities. It also seeks to help students understand how the ideological and social construction of gender impacts the ways in which individuals perform gender as well as how those performances are variably perceived by different audiences. (3)

WMST 3125 - Twentieth Century Women Writers

(ENGL 3125) A study of literature and feminist theory by women writers from approximately 1900 to the present. Prerequisite(s): None (3)

WMST 3333 - Women and Media

(MSCM 3333) This course is developed to explore the media treatment and history of women as media makers. It serves as a foundation for critical inquiry as students explore the media created and mediated "body politic" of women of color. The course is an introduction to critical thinking about the unique experiences of women with respect to the construction of the media as it defines gender and the ways that the intersections of gender, race, ethnicity, politics, class, and sexuality shape their lives. (3)

WMST 3390 - African-American Women's History

(HIST 3390) Examines the unique historical experiences of women of African descent in the United States from the colonial era to the present. Focuses on Black women's contributions to American society and the impact of race, class and gender issues on the experiences of African American women. Prerequisite(s): Any 3 credits in History (3)

WMST 3400 - Dimensions in Women's Health

This is an elective course in the study of women's health in the United States. It focuses on factors affecting women's health and the methodological issues in research about women's health across political, economic and socio-cultural lines. The course will review areas such as the Epidemiology of Women's Health, Health Promotion and Morbidity Prevention; Sexual Health across the life span, and the psychological and psychosocial conditions of women's health. Students will learn to evaluate the role of medical personnel in decreasing these problems while optimizing health related quality of life (QOL) issues. Prerequisite(s): BIOL 1030 or BIOL 1230. (3, EXP)

WMST 3990 - Feminist Theory

This course introduces students to the complexities of feminist thought. Calling upon theory from a range of disciplines, the course addresses gender as a social construct and examines how such constructs can create and perpetuate inequality. Prerequisite(s): WMST 1030. (3, EXP)

WMST 4015 - Spanish American Women Writers

(SPAN 4015) The course explores poetry, short stories, and novels by women of the Spanish-speaking countries of Mexico, Central America, South America, and the Caribbean from the Spanish conquest of America to contemporary Spanish America with special attention to the situation of women in different historical contexts and women's movements in Spanish America. Prerequisites: 6 hours of Spanish beyond SPAN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. (3)

WMST 4016 - Women Writers of Spain

(SPAN 4016) The course explores literature and socio-historic contexts of writing by women from the eighth-century Moorish occupation of the Iberian Peninsula to twenty-first-century Spain. Students will read poetry, drama, essays, and novels by Spanish women and learn about women's movements and women's situations in Spain from medieval times to the present. Prerequisites: 6 hours of Spanish beyond SPAN 2020, a rating of Intermediate High on the American Council on the Teaching of Foreign Languages (ACTFL) Oral Proficiency Interview, or permission of the instructor. (3)

WMST 4080 - Race, Class and Gender Inequality

(SOCI 4080) This course is about social inequality. It addresses the causes and effects of crystallized, historical, institutional, procedural, systemic, unequal distribution of desirable but scarce values among ranked population groupings (social strata) with major attention given to this social phenomenon within urban, industrial society. Prerequisite(s): WMST 1030 or any 1000 level sociology course. (3)