



XAVIER UNIVERSITY OF LOUISIANA
CATALOG 2012-2014

<http://www.xula.edu>

PROGRAMS OF STUDY		
College of Arts & Sciences		
Departments	Majors	Degrees
Art	Accounting	B.S.
Biology	Art	B.A.
Business (Division of)	Art Education	B.A.
Chemistry	Biochemistry	B.S.
Communications	Biology	B.A. or B.S.
Computer Science	Biology Education	B.S.
Education (Division of)	Business	B.S.
English	Chemistry	B.S.
History	Chemistry, Pre-Pharmacy	B.S.
Languages	Chemistry, Pre-Professional	B.S.
Mathematics	Chemistry	B.S.
Music	Chemistry Education	B.S.
Philosophy	Communication Studies	B.A.
Physics	Computer Information Systems	B.S.
Political Science	Computer Science	B.S.
Public Health Sciences	Elementary Education	B.A.
Psychology	Engineering, Dual Degree	
Sociology	English	B.A.
Theology	English/English Education	B.A.
	French	B.A.
	History	B.A.
	Language Education	B.A.
	Mass Communication	B.A.
	Mathematics	B.S.
	Mathematics Education	B.S.
	Middle School Education	B.A.
	Music	B.A.
	Music Education	B.M.
	Music Performance	B.M.
	Philosophy	B.A.
	Physics	B.A. or B.S.
	Political Science	B.A.
	Psychology	B.S.
	Public Health Sciences	B.S.
	Social Studies Education	B.A.
	Sociology	B.A.
	Spanish	B.A.
	Speech Pathology	B.S.
	Statistics	B.S.
	Theology	B.A.
College of Pharmacy	Pharmacy	Pharm. D.
Graduate Programs	Educational Leadership	M.A.
	Curriculum and Instruction (Reading Specialist)	M.A.
	Counseling	M.A.
	Elementary Education	M.A.T.
	Theology	Th.M.



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.

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XAVIER UNIVERSITY ACADEMIC CALENDAR

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

FALL SEMESTER–2012

New Faculty Orientation	August 20-21
Faculty Institute	August 22
Registration	August 23-24
Classes Begin	August 27
Last Day to Add or Change a Course or Section	August 29
Labor Day Holiday	September 3
Mass of the Holy Spirit	September 9
Founder's Day Celebration	October 2
Last Day to Remove an "I"	October 5
Contingency Days	October 8-9
Mid-Semester Evaluations Due	October 23
Last Day to Petition a "W" in a Course (Drop a Course)	November 2
Early Registration for Spring Semester	November 5-9
Comprehensive Examinations for Seniors	November 10
Last Day to Officially Withdraw from Xavier	November 16
Thanksgiving Holidays	November 21-23
Last Class Day Before Final Examinations	December 7
Quiet Day	December 8
Final Examinations	December 10-14
Final Grades Due (Noon)	December 17

SPRING SEMESTER–2013

Faculty Institute	January 9
Registration	January 10-11
Classes Begin	January 14
Last Day to Add or Change a Course or Section	January 16
Martin Luther King, Jr. Holiday	January 21
Mardi Gras Holidays	February 11-13
Last Day to Remove "I"	February 22
Mid-Semester Evaluations Due	March 12
Senior Comprehensive Examinations	March 16
Last Day to Petition a "W" in a Course (Drop a Course)	March 22
Easter Holidays (Spring Break)	March 25-29
Early Registration for Fall Semester	April 8-12
Last Day to Officially Withdraw from Xavier	April 19
Last Class Day Before Final Examinations	April 29
Quiet Day/Senior Grades Due (Noon)	April 30
Final Examinations	May 1-6
ALL Final Grades Due (Noon)	May 8
Baccalaureate	May 10
Commencement	May 11

SUMMER SESSION–2013

	Session One Five Weeks	Session Two Five Weeks	Session Three Eight Weeks
Lagniappe Weekend	May 24-25		
Registration	May 27	June 28	June 7
Classes Begin	May 28	July 1	June 10
Last Day to Add or Change a Course or Section	May 29	July 2	June 11
Independence Day Holiday		July 4	July 4
Last Day to Drop a Course	June 19	July 24	July 24
Final Examinations	June 28-29	August 2-3	August 2-3
Final Grades Due (Noon)	July 1	August 5	August 5

XAVIER UNIVERSITY ACADEMIC CALENDAR

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

FALL SEMESTER–2013

New Faculty Orientation	August 19-20
Faculty Institute	August 21
Registration	August 22-23
Classes Begin	August 26
Last Day to Add or Change a Course or Section	August 28
Labor Day -- Holiday	September 2
Mass of the Holy Spirit	September 8
Last Day to Remove an "I"	October 4
Founder's Day Celebration	October 8
Contingency Days	October 14-15
Mid-Semester Evaluations Due	October 22
Last Day to Petition a "W" in a Course (Drop a Course)	November 1
Early Registration for Spring Semester	November 4-8
Comprehensive Examinations for Seniors	November 9
Last Day to Officially Withdraw from Xavier	November 22
Thanksgiving Holidays	November 27-29
Last Class Day Before Final Examinations	December 6
Quiet Day	December 7
Final Examinations	December 9-13
Final Grades Due (Noon)	December 16

SPRING SEMESTER–2014

Faculty Institute	January 8
Registration	January 9-10
Classes Begin	January 13
Last Day to Add or Change a Course or Section	January 15
Martin Luther King, Jr. Holiday	January 20
Last Day to Remove "I"	February 21
Mardi Gras Holidays (Spring Break)	March 3–7
Mid-Semester Evaluations Due	March 18
Comprehensive Examinations for Seniors	March 22
Last Day to Petition a "W" in a Course (Drop a Course)	March 28
Early Registration for Fall Semester	March 31-April 4
Last Day to Officially Withdraw from Xavier	April 16
Easter Holidays	April 17-18
Last Class Day Before Final Examinations	April 28
Quiet Day/Senior Grades Due (Noon)	April 29
Final Examinations	April 30 – May 5
ALL Final Grades Due (Noon)	May 7
Baccalaureate	May 9
Commencement	May 10

SUMMER SESSION–2014

	Session One Five Weeks	Session Two Five Weeks	Session Three Eight Weeks
Lagniappe Weekend	May 23-24		
Registration	May 26	June 27	June 6
Classes Begin	May 27	June 30	June 9
Last Day to Add or Change a Course or Section	May 28	July 1	June 10
Independence Day Holiday		July 4	July 4
Last Day to Drop a Course	June 18	July 23	July 23
Final Examinations	June 27-28	August 1-2	August 1-2
Final Grades Due (Noon)	June 30	August 4	August 4

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 2012-2013 and 2013-2014. 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>

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 their program of study, and the policies and procedures in the student handbook (<http://www.xula.edu/student-handbook>).

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, acknowledging that young people who are already 18 years of age are considered responsible adults. Parents, guardians and others do not have a right to access student records of adult children 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 may sign a FERPA Waiver Form that allows the University to share student data with the individual(s) designated on the Form. The FERPA form is available in the Registrar's Office.



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 105 historically Black colleges and 215 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 from which Xavier evolved ten years later in 1925. 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, today Xavier is governed by an independent, lay/religious Board of Trustees on which the Sisters have representation. Its president, Dr. Norman C. Francis, a 1952 Xavier graduate, is a nationally recognized leader in higher education.

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 73 percent of Xavier's students are of other religious affiliations and 26 percent are not African American.

Xavier currently enrolls an average 3,400 students. Prior to Hurricane Katrina in 2005, the university had experienced a dramatic increase in enrollment to a record 4,100 students. The post-Katrina enrollment trend is definitely moving upward.

More than half of Xavier's students (57 percent) are from Louisiana. The balance comes from some 39 states, Washington, D.C., the U.S. Virgin Islands, and several countries.

Prospective Xavier students can obtain academic support as early as junior high school. Highly popular and successful pre-college programs – each designed to improve the analytical reasoning skills of students – are offered each summer in science, mathematics and the humanities.

Xavier students are nurtured in the type of environment available only at a small college. A full-time faculty of 240 educators, religious and lay, of diverse ethnic and racial origins – 36.7 percent of whom are tenured – provides a comfortable

student/faculty ratio of 15/1. Forty-six faculty members serve as endowed chairs or professors, which provides additional financial support for their research and teaching.

Opportunities exist for students to participate in relevant research under faculty mentors. All students are encouraged to supplement their Xavier experience by serving internships.

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, communications, history and the social sciences, mathematics, and the natural sciences, in addition to more intensive work in their respective majors.

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, communications, political science and computer science. Students interested in majoring in the humanities will find that Xavier has superior programs there as well.

Xavier is recognized as a national leader in the field of science education, and has been featured in such national publications as *USA Today*, *The New York Times*, *The Washington Post*, *The Chronicle of Higher Education*, *Diverse Issues in Higher Education* and *U.S. News & World Report*.

According to the U.S. Department of Education, Xavier continues to rank first nationally in the number of African American students earning undergraduate degrees in both the biological/life sciences and the physical sciences.

Xavier has been especially successful in educating health professionals. In pre-medical education, Xavier is ranked among the top schools in the nation in placing African American students into medical schools. The College of Pharmacy, one of only two pharmacy schools in Louisiana, is among the nation's top producers of African American Doctor of Pharmacy degree recipients.

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 NCATE accredited, 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 alumni – now more than 19,000 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.

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 31 percent of Xavier's students continue their education by attending graduate or professional school.

Xavier is a member of the Gulf Coast Athletic Conference, which is affiliated with the National Association of Intercollegiate Athletics (NAIA). It offers four intercollegiate sports – basketball, cross country, tennis, and volleyball (women only) – with equal

*See inside front cover.

opportunities for both men and women. Tuition and room and board compare quite favorably with that of other private institutions. A variety of academic scholarships, student grants, and loans are available. More than 93 percent of Xavier's undergraduates qualify for need-based as well as other forms of financial aid.

LOCATION

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 sports and recreational outlets too. The Mercedes-Benz Superdome is home to the 2010 NFL Super Bowl Champion Saints while the New Orleans Arena is the home of New Orleans' NBA franchise Hornets. 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.

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 the local musical and theatre groups; they involve themselves in community service projects.

Students who choose Xavier also get New Orleans.

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 the Xavier student.

The campus is a short distance from downtown with its commercial, entertainment and sports offerings. A student can see the Mercedes-Benz Superdome from his or her dormitory window. 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 St. Joseph's Academic and Health Resource Center, University Center, Academic/Science Complex Addition, Library/Resource Center, and two newly renovated residence halls give the impression of a very modern campus. Yet earlier buildings, massive structures of Gothic design, give a feeling of permanence and history.

Expected to be completed in fall 2012 are the University's first free-standing house of worship – the St. Katharine Drexel Chapel – and a 4,500 seat Academic Convocation Center which will be the new home of the Gold Rush and Gold Nuggets basketball teams.

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 new 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 lighted, 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 the Connect-ED[®] communication 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 collects and provides access to information in many forms, instructs students and faculty in effective information use, and promotes learning and cultural development to the Xavier University community.

The Library houses more than 230,000 physical volumes and subscribes to more than 1,400 print periodicals and newspapers. Designated as a Federal Documents Depository in 1991, the Library provides campus and public access to a collection of more than 5,000 federal and Louisiana state publications on a variety of subjects.

In recent years the Library's collecting focus has been increasingly on digital resources. Currently the Library's web portal is a gateway to more than 30,000 electronic journals and nearly 35,000 e-books. Because these electronic publications are available 24 hours a day, every day of the year, library users are no longer solely dependent on physical resources during specific hours of operation for their research needs.

Complementing e-books and e-journals, all Library collections are searchable on XACweb (Xavier Automated Catalog on the Web). The Library's web portal also offers access to electronic databases and indexes, such as ATLA Religion Database, ChemVillage, IEEE Xplore, Mergent Online, NAXOS Music Library and Wilson

Omnifile. These and other electronic services are augmented by new e-resources added each year.

The Access Services Division offers a full range of Reference Desk services throughout the day and evening. "Ask a Reference Librarian," an electronic reference service, allows members of the Xavier University community to ask questions of Xavier's reference librarians without having to visit the Library. Instructional sessions on constructive library usage and more effective research strategies are conducted by librarians and are available to classes by appointment. Through the Interlibrary Loan (ILL) Department, library patrons can borrow books and get photocopies of journal articles held by other libraries.

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. Photo and photocopy services are available for a modest fee.

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

A special library devoted to the study of pharmacy and other health sciences is located on the fourth floor, and is open throughout the day and evening. It contains a substantial collection of health science periodicals and books. In addition, users of the Pharmacy Library have access to the Library's extensive digital resources, including such specialized e-resources as OVID and IDIS. This specialized library is also home to the Lowery-Levi Medical History Collection, which includes rotating displays of antique medical instruments, early pharmaceuticals, and rare medical books and pamphlets.

The Library Resource Center is open until midnight five nights a week. Reference, circulation, pharmacy reference, and microforms 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.

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

ATHLETICS AND RECREATIONAL SPORTS

As part of the overall development of its students, Xavier provides an outstanding athletics program. Xavier has intercollegiate varsity teams in basketball, tennis and cross country 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. The University also offers Campus Recreational Sports programs in intramural or club sports, fitness and informal recreation. These activities vary in skill level to attract and involve students, faculty and staff with differing interests and abilities. The balanced athletic and recreational sports program is an important educational experience and provides excellent training for students in all departments of the university.

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 that enable and empower leadership and life skills through activities such as retreats, conferences and workshops.

SERVICES AND RESOURCES

CAMPUS MINISTRY

Xavier University is a Roman Catholic institution and through the Office of Campus Ministry (OCM) offers religious programs and activities for the entire University community, regardless of religious affiliation. Opportunities are provided for students, faculty and staff to meet with the OCM staff to plan and prepare spiritual activities that will meet the current needs of the Xavier community. These activities fall into several areas which include: spirituality, fellowship, and community outreach. Campus Ministry programs strive to enhance spirituality and foster development of moral values, leadership and service. All activities of a religious nature must be in accord

with the “Policy on Religious Activity” found at <http://www.xula.edu/campus-ministry/policy.php>.

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 pre-professional 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 on-line career exploration resources, the Career Services staff helps students learn more about themselves and the career development process.

CENTER FOR STUDENT LEADERSHIP AND SERVICE

The Center for Student Leadership and Service houses New Student Orientation, Service-learning, XU LEADS (Leadership Education and Developmental Skills) and Volunteer Services. The Center for Student Leadership and Service is designed to promote student leadership and civic engagement by complementing the academic curriculum with practical application of classroom theory and methodology. The Center for Student Leadership and Service contributes directly to the University’s Mission by implementing programs that will prepare students to assume roles of leadership and service in society. The ultimate purpose of the Center is to educate students so that they may become facilitators of social change.

Xavier University’s Offices of Academic Affairs and Student Services collaborate in the planning and implementation of the First Year Experience (FYE), a holistic, year-long series of curricular and co-curricular activities focused on internalization of, and identification with, what it means to be a Xavierite.

The FYE begins with the completion of the application and ends with the beginning of a student’s sophomore year at Xavier. All components of the FYE are based in the unique history, mission and core values of Xavier. Each is designed to enhance the transition of the student from dependence to independence and interdependence. The components emphasize the knowledge, skills, and values that characterize a Xavierite. More details may be found in the FYE Handbook.

New Student Orientation serves to assist the University’s “new” students – entering freshman, transfer and non-traditional students – in maximizing their potential and achieving personal and academic growth. Students are provided with a suitable referral source, a vital support system away from home, and a liaison with 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. The ultimate goal is to instill in new students the importance of taking advantage of all resources available to them and becoming well-rounded students.

COUNSELING AND WELLNESS

All students may obtain 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 stress coping skills, as well as many other areas of need. Study/Life Skills Workshops are presented on a daily basis. Career exploration through the Strong Interest Inventory is also available.

The Counseling and Wellness Center Staff includes professionally trained certified counselors and licensed clinical social workers. Referral services are available when

needed. Emphasis is placed on aiding students and on maintaining a confidential counseling relationship.

Xavier's Wellness Program for students, staff and faculty is coordinated through this office. The Wellness Program encourages 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 a Wellness Awareness Week (fall), a Wellness Awareness Day (spring), a Walking Club, a weight reduction program (The Biggest Loser), and a Recovery Day. Many wellness reading materials are available, which include information on various topics, including: HIV/AIDS, nutrition, stress management, smoking, drug abuse, 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.php>).

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 advise their dean's office of the nature of their disability as soon as they have been admitted to the university.

The Counseling and Wellness Center provides a variety of services for students with a disability (temporary or permanent physical disability). Some of the services available include registration assistance, orientation assistance, accessibility assistance, referral to testing services and coordination of accommodations, such as extended time for testing and a distraction-reduced environment.

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

HEALTH SERVICES

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 3 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 health assessment 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/health_requirements.php.

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 the criteria listed above. The waiver process can be completed online and is available on the Student Health website (<http://www.xula.edu/student-health>). This information is

also available in the health assessment packet. If additional information is needed, contact Student Health Services at 504-520-7396.

Physicians and nurses are on staff to provide limited medical services. Off campus referral services are available with local and state agencies, as well as with private physicians and psychiatrists. Magazines, pamphlets and brochures concerning health issues are available at the Health Center. Discussions related to health care issues are scheduled and announced.

Students who are absent from class due to an injury or illness **MUST** obtain a written statement from the Student Health Services before returning to class. However, students **MUST** have notified Student Health **ON THE DAY OF THE ILLNESS** and obtain the written statement within the week of the occurrence.

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 six facilities for students interested in campus residence. 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, mini computer labs, and telephone jacks that provide on-campus and local telephone service.

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 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 contract for the academic year. The University reserves the right to use residence halls between semesters and during summer breaks. Storage is not available. All inquiries regarding housing should be addressed to the Office of Housing and Residence Life.

UNIVERSITY CENTER

The University Center is a 100,000 square-foot facility that has space to support student programs, offices, student lounges and meetings rooms. Serving as the hub of campus activity, it features offices for student organizations, conference rooms, campus mail service, a game room, campus dining services, a large study area that converts to a showcase lounge in the evenings, 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 Connect-ED[®] 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
- 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

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 Committee on Admissions. 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
TRANSFERS	June 1	December 1
PHARMACY*	December 15	None
GRADUATE PROGRAMS**	July 1	December 1

* College of Pharmacy acceptances are made for fall term only.

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

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.

FRESHMAN APPLICANTS

The following are needed for freshman applicants:

An application for admission. A fee of \$25 (non-refundable) should accompany the application. 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.

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 Committee on Admissions.

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 may be admitted by presenting a high school equivalency certificate in lieu of a complete high school transcript. These certificates may be obtained through a student's State Department of Education.

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.

Recommendation from high school counselor.

XAVIER 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 COMPASS 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 COMPASS 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 COMPASS 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:

- English 0990, Preparatory English,
- Mathematics 0990D, Preparation for College Mathematics,
- Reading 0992I, Intensive Reading and Study Skills, and
- Reading 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/infoadmit.php>.

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" 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 obtain approval from their home institution for transfer credit from Xavier. Approval is dependent on verification that the student is in good academic standing.

Special Non-Degree Seeking Students are those 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 boarding students.

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

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 STUDENTS

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/appinformation.php#readmission>.

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 Department of Languages.

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.php> . 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 via Telecheck. 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 were 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

Tuition	Academic Year
<i>College of Arts and Science</i>	
Full-Time	\$17,700
Part-Time (per semester hour)	775
Overload (per semester hour over 18 hours)	575
<i>College of Pharmacy</i>	
Full-Time	\$26,800
Part-Time (per semester hour)	1,200
Overload (per semester hour over 18 hours)	1,000
Preceptors (per semester hour)	600
<i>Graduate School</i>	
Per semester hour**	\$300
Other Fees	
Application fee (payable once)	\$25
Identification Card (per semester)	10
Student Health Insurance (annual rate-subject to change)	1,200
P4 Clerkship fee (per semester)	550
Yearbook (annual)	25
Housing Fee (each semester)	20
New Student/Freshman Orientation Fee (one semester only)	150
Laundry (each semester)	40
Student Government Association Dues (per semester) FT/PT	75/40
Applied Music fee	
1 Semester Hour	\$75
2 Semester Hours	150
3 Semester Hours or more	225
Student teaching	200
Graduation fee	100
In absentia	125
Lab Fees (per course):	
Arts and Science	\$50
Pharmacy	50
Mass Communication	10
Pharmacy Module Fee (All Pharmacy students)	\$25
Late Registration (payable in cash at registration)	100
Information Technology Fee (per semester)	
Full Time (per semester)	\$200
Part Time (per semester)	100
Course Change (per form)	\$10
Transcript- (first one free)	
Subsequent	\$2
In quantity	
First one	2
Others	1
Missed Installment	\$100
Interest	
1.5% per month on the unpaid balance as of the invoice date	

*Tuition and Fees are for the 2012-2013 academic year and are subject to change.

** See Institute for Black Catholic Studies web site for fees specific to the Institute.

N.S.F. checks (each time returned)	\$30
Campus accommodations	
Room Reservation* (new freshmen and transfer students)	\$100
Housing Deposit (all upperclassmen)	300
Summer Room Reservation Fee (Non-refundable)	55

*non-refundable

Room plus Board (per semester)

St. Michael's /St. Katharine Drexel - Double or Regular	3,800
St. Michael/St. Katharine Drexel – Private Room	4,700
St. Michael – Single Room	4,100
Living/Learning Center	
2 residents, semi-private bath – Double or Regular	4,050
2 residents, semi-private bath – Private Room	4,950
4 resident suite, with bath – Double or Regular	4,150
4 resident suite, with bath – Private Room	5,050
2 residents, private bath – Double or Regular	4,250
2 residents, private bath – Private Room	5,150
1 resident, semi-private bath	4,500
St. Martin de Porres	
2 residents, private bath – Double or Regular	4,150
2 residents, private bath – Private Room	5,050
1 resident, private bath - Single	4,700
Meal Plan Only (rate subject to change)	1,575

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.

<u>If Student Withdraws:</u>	<u>X.U. Policy</u>
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 financial aid.

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 Graduate PLUS Loan, the Federal Direct Graduate PLUS Loan, the Federal Parent Loans (PLUS), 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 using 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 apply for a Personal Identification Number (PIN) at <http://www.pin.ed.gov> 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. **Follow all instructions carefully when completing the forms.** The student will receive an e-mail notification as a result of filing their Financial Aid Application.

How Eligibility for Financial Aid is Determined

The eligibility for financial aid is determined by the Federal Government Central Processing Center using the information provided by the parents and students on the Financial Aid Application. Once a student files the Federal Financial Application 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 e-mailed 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 a "first come, first served" basis and on the availability of funds. In addition, students must meet the Standards for Satisfactory Academic Progress.

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

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 a FERPA form and submit it to the Financial Aid Office. 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 the financial aid website (<http://www.xula.edu/financial-aid/index.php>).

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, re-admit 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 below 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 below 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 end of 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
9 - 42 hours and above	75%	3.0

When SAP is monitored at the end of the Spring semester; the student may continue enrollment during summer at his/her expense.

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

Course withdrawals, remedial 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 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 our 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 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 our 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 four 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 Appeal Committee via email at awoods@xula.edu. The Appeal Committee will review the appeal within two weeks of the deadline for filing all appeals provided all the necessary documents has been submitted; the Student's 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, Continuing Academic Student Success
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

Xavier Academic 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. Students eligible for Board of Trustees and President's Scholarships may be required to submit additional information for consideration for these scholarships. Awards will be determined by a Scholarship

Selection Committee. Complete information will be provided on Xavier's website. The following provides information regarding these scholarship levels.

- 1. Board of Trustees Scholarship:** Recipients of The Board of Trustees Scholarship will receive full tuition, fees, room and board, and an annual book voucher in the amount of \$1000. The criteria for this Scholarship includes a minimum 3.8 high school grade point average, a minimum 28 ACT composite (or correlating SAT combined score), and demonstrated community involvement and leadership potential as evidenced in the admissions application and the scholarship application materials. Students would be required to maintain a minimum 3.3 cumulative grade point average for continued eligibility which is assessed at the end of each academic year. Students failing to maintain the minimum requirements would have the option of attending summer sessions at Xavier in order to retain the scholarship. The award covers eight consecutive semesters and accounts for any institutional adjustments in tuition.
- 2. President's Scholarship:** The criteria for this scholarship includes a minimum 3.8 high school grade point average, a minimum 26 ACT composite (or correlating SAT combined score), and demonstrated community involvement and leadership potential as evidenced in the admissions application and the scholarship application materials. Recipients of The President's Scholarship will receive full tuition, campus accommodations, and an annual \$500 book voucher. Continued eligibility is based on a minimum 3.3 cumulative grade point average and will be assessed at the end of each academic year. The award covers eight consecutive semesters and accounts for any institutional adjustments in tuition.
- 3. St. Katharine Drexel Scholarship:** Valedictorians or salutatorians from any U.S. Catholic high school are eligible to receive this full-tuition scholarship. Continued eligibility is based on a minimum 3.3 cumulative grade point average and will be assessed at the end of each academic year. The award covers eight consecutive semesters and accounts for any institutional adjustments in tuition.
- 4. Norman C. Francis Scholarship:** Valedictorians or salutatorians from public high schools in Orleans and Jefferson parishes are eligible to receive this full-tuition scholarship. Continued eligibility is based on a minimum 3.3 cumulative grade point average and will be assessed at the end of each academic year. The award covers eight consecutive semesters and accounts for any institutional adjustments in tuition.
- 5. University Scholarships:** These scholarships are awarded to students with a minimum ACT score of 23 and a minimum GPA of 3.3. Transfer students would also be eligible for these scholarships according to their high school and collegiate records. These awards cover eight consecutive semesters and continued eligibility is based on a minimum 3.3 cumulative grade point average and will be assessed at the end of each academic year. The award accounts for any institutional adjustments in tuition.
- 6. Departmental Scholarships:** Academic department and divisions will provide scholarships based on their criteria. These scholarships include Art and Music Talent Scholarships. The Talent Scholarships may be renewable annually for three additional years provided the student maintains a satisfactory academic record and continues to demonstrate progress in the development of his/her talent.
- 7. Recognition Scholarships:** Recognition scholarships are awarded to continuing students who did not receive a scholarship upon admission but perform at the highest academic level upon enrolling at Xavier. Eligible

students must earn a minimum cumulative grade point average of 3.5 after two consecutive semesters at Xavier. Awards will range from \$3,000 to \$5,000. Continued eligibility is based on a minimum 3.3 cumulative grade point average and will be assessed at the end of each academic year.

All scholarship packages that cover full tuition will be adjusted for any Arts and Sciences tuition increases. With the exception of the Departmental Scholarship, 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. Additionally, students can attend University summer sessions at their own cost in an effort to raise the GPA to the required minimum. With the exception of the Departmental and Recognition Scholarships, the above scholarships will be awarded for eight (8) consecutive semesters provided the student maintains the continuing eligibility described above.

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.

Scholarship amounts may be subject to adjustment based upon receipt of Federal and state grant aid.

All continuing scholarship recipients will be required to complete an annual FAFSA and satisfy annual service requirements for the University and/or community. 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 the Senior Vice President for Academic Affairs. Enrolled students should contact this office for information regarding various scholarship opportunities and consult the Scholarship Opportunities Bulletin Board and web site once they arrive on campus.

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 the 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 you have eligibility remaining:

- If you receive the *TOPS Opportunity Award*, you 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. You 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 you receive the *TOPS Performance* or the *TOPS Honors Award*, you must earn at least a 3.0 cumulative GPA. You 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
- The W. Randolph Hearst Scholarship
- The William and Camille Cosby 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
- GNOF Ratepayers Scholarship
- Beinecke Memorial Scholarship
- Lettie Pate Whitehead Scholarship

Scholarships for Disadvantaged Students

A federally-funded scholarship program for Pharmacy Students from disadvantaged family backgrounds, this scholarship is awarded through the Financial Aid Office. Students must include Parental Income, regardless of dependency status or age.

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. A federally-funded program for undergraduate students; eligibility ranges from \$200 to \$5,550 per academic year. Students may receive the Pell Grant for 12 semesters.

Federal Supplemental Educational Opportunity Grant (FSEOG). A federally-funded program for undergraduate students; eligibility ranges from \$200 to \$4,000 per academic year.

LOANS (These must be repaid.)

Federal Perkins Loan. This loan is available to students who have demonstrated financial need and who are enrolled for a minimum of six (6) semester hours (half-time enrollment). Eligible students may borrow from \$200 to \$5,500 towards their education. Repayment of this low interest (5%) loan begins nine (9) months after graduation or termination of studies at Xavier.

Federal Direct Loans (i.e., Federal Direct Subsidized, Federal Direct Unsubsidized). The Federal Direct Loan Program enables students to borrow directly from the federal government through Xavier to finance their education. The motto is "One-Stop Shopping for your Loans." A student must be enrolled at least half-time (6 semester hours) to qualify and must have an unmet need. First-year undergraduate students may borrow a maximum of \$3,500 per academic year. Second-year undergraduate students may borrow a maximum of \$4,500 per academic year; and undergraduates who have completed two (2) years of their program of study may borrow a maximum of \$5,500 per academic year. Loan repayment begins six (6) months after the student graduates, withdraws from the University, or drops below half-time enrollment.

Federal Direct Parent Loan for Undergraduate Students (PLUS). The PLUS loan enables the parents to borrow on behalf of a dependent undergraduate student to defray his/ her educational expenses. The interest rate is variable and repayment of the principal and interest begins sixty (60) days after loan proceeds are disbursed fully.

Health Professions Loan Program (HPLP). A Federal Loan program for Pharmacy students only, who qualify (need based) with a low interest rate of 5%. Must be enrolled full time. For more information on this loan program, contact Xavier's Office of Financial Aid.

Loan for Disadvantaged Students. A Federal Loan program for Pharmacy students from a disadvantaged background. Students must file for aid that includes Parental Income, regardless of dependency status or age.

Federal Direct Plus Loan for Graduate and Professional Students. A Federal Direct Plus Loan designed for graduate and professional students. This loan can cover up to 100% of your total cost of education minus other Financial Aid.

WORK STUDY

Federal College Work-Study Program (FWS). This is a federally-funded program that provides jobs for undergraduate and graduate students. These jobs give the students the chance to earn money to help pay for their educational expenses. FWS awards are based on need and the availability of funds.

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 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.

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 chair and then to the Dean's Office for further review.

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 chairperson of the department of the major in which he/she is enrolled, as well as the chairperson 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 or her major department assigned by the department chairperson. 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 departmental chairpersons, **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 departmental chairperson or advisor on or before the date 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 the summer session 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: Departmental chairpersons 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 chair, 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 Academic Support Services in the College of Arts and Sciences and 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 dropped 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/cas>.

ACADEMIC GRIEVANCE PROCEDURES

Students with concerns or grievances are encouraged to settle their concerns first with the instructor, then the chairperson of the department, 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 chair 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 withdraw officially 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 notifies the Registrar's Office of the withdrawal. 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 parents should request official withdrawal through the college dean's office. The dean will then contact the Office of the Registrar for processing of the withdrawal form.

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 from 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. Its members include: five faculty appointed by the Dean of the College representing Natural Sciences, Humanities, Social Sciences, Education, and Business; an Athletic Advisor (required by NAIA regulations); a Student Services representative appointed by the Vice President for Student Services; an Admissions Office representative appointed by the Dean of Admissions; the Associate Dean of the College of Arts and Sciences; the Assistant Dean of the Student Academic Success Office (SASO); the Director of the Counseling and Wellness Center (or designate); the Director of Financial Aid; and the Registrar (a non-voting member).

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 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 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/appinformation.php#readmission>.

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

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.

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 two departmental/divisional programs.

REQUIREMENTS FOR TWO DEGREES

A Xavier student may earn two degrees by successfully completing all requirements of two departmental/divisional 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).

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.

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 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.

REQUEST FOR TRANSCRIPTS

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.



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 students 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 through the resource centers (reading, writing, mathematics, biology, and chemistry); and
6. coordinating a system of monitoring and mentoring new freshman students.

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

- BOOST Camp (Building Optimal Outcomes and Student Training) – Program for Freshman students;
- BLAST Workshop (Building Lifelong Academic Skills Training) – Program for students on Strict Probation;
- Academic Success Workshop Series – Program for All Students;
- Supplemental Instruction for historically difficult courses – Academic assistance program that utilizes peer-led teaching and study sessions;
- Free Academic Support for all students through the Mathematics, Writing, Reading, Biology, and Chemistry Resource Centers; and
- Academic Counseling for Deciding Majors and Strict Probation Students

Deciding Majors

The Student Academic Success Office has developed a system of academic advising and mentoring for Deciding majors that includes academic advising by the SASO Advising Team for courses, career assessment and planning, and academic monitoring. Students are provided an Academic Success Contract to guide their academic achievement throughout the semester. Students are also provided individual counseling in choosing a major and receive exposure to the career options that such majors offer. Majors in this area are classified as either Deciding or Deciding Non-Science. Students who are declared Deciding Non-Science majors by the Academic Standing Committee MUST select a major other than a natural science major. 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 Director of Advising. **After the maximum of three (3) semesters, students who have not been admitted into an academic department ordinarily will be dismissed from the University.**

FIRST YEAR EXPERIENCE

Xavier University's Offices of Academic Affairs and Student Services collaborate in the planning and implementation of the First Year Experience (FYE), a holistic, year-long series of curricular and co-curricular activities focused on internalization of, and identification with, what it means to be a Xavierite.

The FYE begins with the completion of the application and ends with the beginning of a student's sophomore year at Xavier. All components of the FYE are based in the unique history, mission and core values of Xavier. Each is designed to enhance the transition of the student from dependence to independence and interdependence. The components emphasize the knowledge, skills, and values that characterize a Xavierite. More details may be found in the FYE Handbook.

Freshman Seminar

All beginning Freshmen and transfer students with less than 30 hours of transfer credits are required to take a two-semester seminar sequence (FRSM 1000, FRSM 1100) designed as a fundamental component of the FYE and a foundation of their Xavier academic experience. Each is a one credit-hour course that is part of the Essential Core Curriculum. Instructors for the course include faculty and staff members from a variety of disciplines. All Freshman Seminar sections have a common syllabus. In FRSM 1000, there is a common reading; and in FRSM 1100, all students participate in a Service-Learning project. In addition, each course section has a unique theme linked to Xavier's mission that is developed by the Instructor.



Interdisciplinary Minors

African American Studies

The Minor in African American Studies (AFAM) is a focused interdisciplinary program that explores the experiences and traditions of African Americans. The AFAM minor complements programs in the College of Arts and Sciences and other pre-professional and professional programs in the University. Students are introduced to historical origins and cultural foundations of African American society. Emphasis is centered on human organization, institutions, and socioeconomic development. The goal of the minor is to charter new and different directions of critical inquiry about African American contributions in the ongoing process of human development.

Students declaring the AFAM minor are required to meet with the Coordinator of the African American Studies Program to formulate a suitable plan of study.

The Minor in African American Studies consists of eighteen (18) hours. For the minor, students are required to complete twelve (12) hours of specified courses and six (6) hours of courses in a specified concentration. The concentration may be taken from English, history, philosophy, psychology, music or other disciplinary course offerings centered on African American Studies.

Specified courses:

AFAM 2000	Introduction to African American History and Culture
AFAM 2010	Introduction to African American Social Sciences
AFAM 3020	Special Topics in African American Studies
AFAM 3370	African Americans, Africa, and Pan-Africanism

Any student may select one of the above courses to satisfy the University requirement in African American Studies. For the student who minors in AFAM, the remaining courses are required to fulfill the Minor.

A grade of "C" or better must be earned in all courses taken in the minor. It is strongly suggested that each student with a minor in AFAM have knowledge of a language other than English.

Women's Studies

The Women's Studies Minor is offered under the coordination of the Women's Studies Advisor. The interdisciplinary approach of the Women's Studies Minor is designed to assist the student to develop a comprehensive body of knowledge that critically analyzes the gendering process from a multidisciplinary perspective, illuminated via themes drawn from the humanities, languages, and the social sciences. The Minor consists of eighteen (18) credits, six of which are required credits in the courses listed in **Group A** and four (4) are elective credits to be taken from the list shown in **Group B**.

Group A: For a minor in Women's Studies, a student is required to complete the following two courses:

WMST 1030	Introduction to Women's Studies
WMST 3990	Feminist Theory

Group B: For a minor in Women's Studies, **four** elective courses are to be selected from among the following cross-listed courses. **Two courses must be at the 3000 or 4000 level. At least two courses must be outside of the student's major discipline.** For any other course to substitute for one of the courses listed below, prior written approval of the Women's Studies Advisor is required.

COURSE	TITLE	COMMENTS
ENGL 3125 WMST 3125	Twentieth Century Women Writers	Surveys literature and feminist theory by women writers.
FREN 3012 WMST 3012	Afro-Francophone Women Writers	Facilitates cross-cultural conversation in French on the ideas and thoughts of women
HIST 1500 WMST 1500	Women in World History	Provides broad exposure on women across time and space.
HIST 3010 WMST 3010	Women in International Contexts	Comparative study of women in different cultural, economic, social, political contexts.
HIST 3390 WMST 3390	African-American Women's History	Chronicles Black women's contributions to American society.
PSCI 2240 WMST 2240	Politics of Gender and Sexuality	Expands insight into identity politics & global movements.
PSYC 3035 WMST 3035	Psychology of Gender	Reviews gender as social construct; explores ideas & stereotypes on masculinity & femininity PSYC prerequisites apply.
SOCI 2040 WMST 2040	Sociology of Gender	Examines gender as a social construct
SOCI 4080 WMST 4080	Race, Class and Gender Inequality	Analysis of social inequity.
SOCI 4650 WMST 4650	Sociology of Women	Examination of the status of women in global context
SPAN 4015 WMST 4015	Spanish American Women Writers	Surveys literature and theoretical perspectives of Spanish-American women writers
SPAN 4016 WMST 4016	Women Writers of Spain	Surveys literature of Spanish women writers
THEO 2600 WMST 2600	Women in Religion	Investigates womanist and feminist issues in religion

PRE-PROFESSIONAL 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, pre-professional advisors in Pre-Engineering, Pre-Law, Pre-Medicine/Pre-Dentistry, and Pre-Pharmacy 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 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 University of New Orleans. These agreements do not, however, preclude students from choosing and attending other Engineering Schools.

Students in the Dual Degree 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 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 selection 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 Office of the Pre-Law Advisor 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 Pre-law Advisor 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 Pre-Law advisor does, however, suggest specific courses which pre-law students may find helpful. Thus, it is recommended that a student use his/her Core Curriculum requirements, minor, and free electives to take courses from the following list: 1) English 2020, 3275, or 3400, 2) History 3001, 3) Philosophy 2040 or 3260, and 4) Political Science 2100, 3100, 3250 or 3270.

Accelerated Pre-Law Curricula

Xavier students who are interested in attending a law school may shorten by one year the total time required to complete both the bachelor's degree and the law degree by participating in approved 3+1 programs. These programs are currently offered by the Department of Political Science. In a 3+1 plan, the student completes three years at Xavier and spends his or her senior year at an accredited law school. After successfully completing 27-30 semester hours at the law school, the student transfers the law school credit 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 law school.

The accelerated programs do not assure a student's acceptance into law school. Admission to law school is the responsibility of the student. There are several law schools in the United States that allow admission of an exceptional student who has not completed an undergraduate degree. The student who is interested in a career in law should express this intention to and arrange for on-going consultation with the Pre-Law Advisor at his or her first registration at Xavier.

PREMEDICAL PROGRAMS

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, podiatry, public health, and health care administration. 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 18 group workshops for students during the freshman year. In subsequent years the number of 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 common 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 (<http://www.xula.edu/premed>) for students who missed activities or would like a reminder.

PRE-HEALTH PROFESSIONS PROGRAMS

Students interested in preparing to enter a health profession including dentistry, medicine, optometry, osteopathy, podiatry, and veterinary medicine are not required to major in biology or chemistry or in a science. 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 and consult with the University Premedical Advisor at the student's first Xavier registration. Those interested in Pharmacy should contact Xavier University's Chemistry Pre- Pharmacy advisor.

Basic Requirements: All health professions schools require one year of:

- general biology with laboratory,
- general chemistry with laboratory,
- organic chemistry with laboratory,
- general physics with laboratory,
- college mathematics, and
- English composition at the college level.

Students should be aware that the laboratory science requirements may not be satisfied by Advanced Placement from high school; they must be completed at a college. In

addition, they must be completed at least twelve months before the anticipated date of entry into a health professions school so that the student can take the MCAT, DAT, or other required standardized admission exam.

Although calculus may be required for some degrees at Xavier, it is generally not required for admission into health professions school.

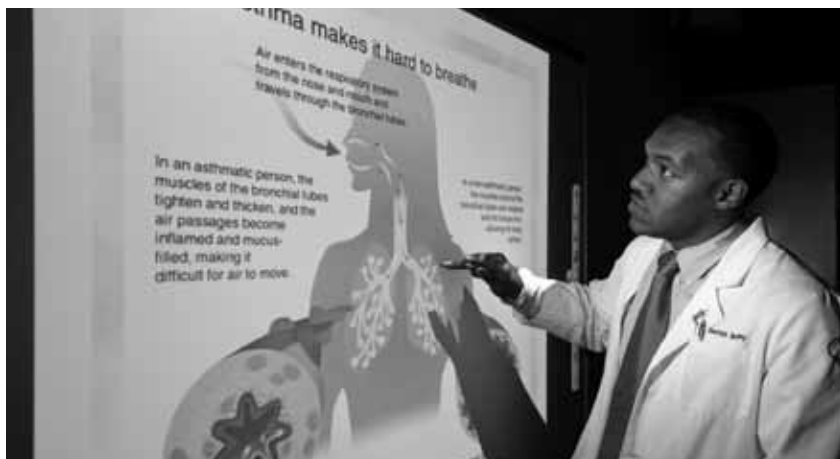
Some health professions schools also require one or more advanced courses in science, one or more courses in the social sciences, or specialized courses such as zoology (for veterinary school) or optics and statistics (for optometry). NOTE: Students interested in applying to medical, dental, and other health professions schools 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 book published 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 medicine or dentistry take at least three of the following advanced courses while at XU:

- Biochemistry,
- Comparative Anatomy with laboratory,
- Embryology with laboratory,
- Histology with laboratory, and
- Physiology.

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 "Pre-professional." 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 or dentistry in departments other than Biology, Chemistry, or Psychology should follow the schedule of courses below. Students in most majors at Xavier can follow the schedule by choosing a chemistry minor (general, organic, 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.



Pre-Medicine/Pre-Dentistry Schedule

FRESHMAN YEAR

Semester Hours

	1 st Semester	2 nd Semester	
Chemistry 1010/1010D/1011L – Chemistry 1020/1020D/1021L	4	4	General Chemistry I General Chemistry II
Mathematics 1030 Mathematics 1020 or 3010/3010D	4	3	Pre-Calculus Statistics or Biostatistics
SOPHOMORE YEAR			
Chemistry 2210/2210D/2230L – Chemistry 2220/2220D/2240L	4	4	Organic Chemistry I Organic Chemistry II
Biology 1230/1230L – Biology 1240/1240L	4	4	General Biology I-II
JUNIOR YEAR			
Physics 2010/2010L – Physics 2020/2021L	4	4	General Physics I General Physics II
Biology 3110	3		Genetics
Chemistry 3130		3	Biochemistry
SENIOR YEAR			
Biology 3162/3162L OR Biology 3350/3350L OR Biology 4111/4111L	4		Introduction to Embryology OR Anatomy and Physiology OR Histology
Biology 4091/4091L		4	Comparative Vertebrate Anatomy

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 28-31 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 book published 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.

Xavier-Tulane and Xavier-Rochester Early Medical Acceptance Programs

Tulane University School of Medicine and the University of Rochester School of Medicine have special programs that allow Xavier students to gain entry into medical school during their junior year of undergraduate work. Students apply for either program during the second semester of their sophomore year and will be notified of their acceptance during the fall term of the junior year. Students accepted into either program will be expected to complete their undergraduate education at Xavier University prior to matriculation and to maintain satisfactory academic and behavioral progress. Students accepted into the Tulane program are required to score at least 27 on the Medical College Admissions Test (MCAT). Those accepted into the Rochester program are not required to take the test. Students in both programs are required to go through the usual application process in a timely fashion and are not obligated to attend the school into which early acceptance was granted. NOTE: Students accepted into the Tulane program may apply to other medical schools without forfeiting their acceptance into Tulane; however, students accepted into the Rochester program will forfeit their acceptance into Rochester if they apply to any other medical schools.

PRE-PHARMACY PROGRAM

The Pre-Pharmacy 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 66 credit hours of the Chemistry Pre-Pharmacy 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 Pre-Pharmacy curriculum while at Xavier.

Students choosing to follow the Chemistry-Pre-Pharmacy 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 or two semesters of English composition,
- one semester of economics,
- one semester of public speaking, and
- 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.

PRE-PHARMACY SCHEDULE

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
CHEM 1010/1010D/1011L-	4	4	General Chemistry I-II
CHEM 1020/1020D/1021L			
BIOL 1230/1230L		4	General Biology I
Communications Studies 1010	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
Free Elective**		3	
MATH 1030	4		Pre-Calculus
PSYC 1010 or SOCI 1010		3	Essential Core
	15	18	

SOPHOMORE YEAR

CHEM 2210/2210D/2230L	4	4	Organic Chemistry I-II
CHEM 2220/2220D/2240L			
BIOL 1240/1240L	4		General Biology II
BIOL 2010		3	Microbiology
ECON 1030	3		Intro. To Economics
MATH 1070	4		Intro. Calculus
Philosophy	3		Essential Core
PHIL 2400		3	Health Ethics
PHYS 2010/2010L		4	General Physics
Theology		3	Essential Core
	18	17	

*Students enrolled in Xavier's Chemistry Pre-Pharmacy Program as freshmen must also earn credit for Freshman Seminar I (FRSM 1000) and Freshman Seminar II (FRSM 1100).

**Free elective credit cannot be science, math, pharmacy, or physical education

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 nine total hours at member institutions of the consortium. Full-time status (minimum of 12 hours) is determined by adding the number of hours of Xavier courses and those taken at member institutions. However, at least six 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.

OFFICE OF GRADUATE PLACEMENT

The primary goals of the Office of Graduate Placement 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.

SuperScholar/EXCEL is an intensive four-week residential summer enrichment program for rising high school seniors who are interested in pursuing college degrees in the arts, humanities, social sciences, education, business and law. Participants learn standardized test strategies and take non-credit courses in quantitative reasoning, critical reading, critical writing, speech/debate, and African American History.

CENTER FOR INTERCULTURAL AND INTERNATIONAL PROGRAMS

The Xavier Center for Intercultural and International Programs 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; and
5. provide assistance to international students.

Students interested in incorporating a study abroad experience 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 (XUCUR) is to facilitate the ongoing process of institutionalizing undergraduate research on Xavier's campus. In order to achieve this goal, XUCUR coordinates and oversees a multitude of research opportunities for undergraduates at Xavier. Information pertaining to on-campus and off-campus research experiences is available through XUCUR for students majoring in all disciplines. Applications for a diverse array of summer research experiences and for selected programs running through the academic year can be acquired from the XUCUR Office. A limited amount of research start-up funding for faculty and travel expenses for faculty and students to attend research conferences are also available. XUCUR directs XULAnEXUS, the university's online research journal. It also sponsors the Festival of Scholars, a conference scheduled each spring for the purpose of exhibiting student research.

XULAnEXUS

XULAnEXUS is a refereed online journal that publishes the scholarship of Xavier University of Louisiana undergraduates. The journal's mission is to strengthen the quality and representation of Xavier undergraduate research through the publication of outstanding work in every academic discipline. XULAnEXUS publishes the outstanding scholarship of students through annual or bi-annual issues available online at: <http://xulanexus.xula.edu>. The journal is divided into three sections: Research Manuscripts, Creative Scholarship, and Scholarly Notes. XULAnEXUS encourages undergraduates in every academic discipline to submit their work to be reviewed by an interdisciplinary editorial board consisting of faculty and students. The online journal supports a wide range of submissions, including traditional research manuscripts, scholarly essays, visual and audio representations of creative scholarship (e.g. photographs of two-dimensional or three-dimensional artistic works; an audio recording of a vocal recital; a video recording of a live performance), and multimedia components embedded within manuscripts (e.g. images or audio files that illustrate written research). The journal is sponsored by the Center for Undergraduate Research and funded in part by the Andrew Mellon Foundation. XULAnEXUS was first published in 2002.

EXCHANGE PROGRAMS

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 Associate Dean of Summer Programs and External Initiatives in the Office of the Dean of the College of Arts and Sciences.

THE XAVIER SPEECH AND HEARING CENTER

The Xavier Speech and Hearing Center, which is operated in conjunction with the speech pathology/audiology 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. The fees charged to others are based on the client's ability to pay.

COOPERATIVE EDUCATION AND INTERNSHIPS

Xavier offers two means for students to obtain pre-professional 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 Career Services Office. Students who wish to participate must obtain approval from their departmental faculty advisor and the Career Services Office.

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 Career Services Office also coordinates formalized summer internships in conjunction with the Business Division and Computer Science Department. If students desire, academic credit may be earned for a paid summer work assignment. Students who wish to participate must obtain approval from their departmental chairpersons and the Career Services Office prior to the experience. Internships are also available through the GradStar Office and other academic departments.

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, Chemistry, Computer Information Systems, Computer Science, English, History, Mathematics, Music Theory, and Theology by satisfying certain departmental 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 Pre-Med 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/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 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 2011H satisfy the core curriculum requirements in English composition, introduction to literature, and world literature (the equivalent of ENGL 1010, 1020, and 2010). Upon receiving a grade of “C” or better in the Freshman Honors English Sequence (ENGL 1023H and 2011H), the student will receive 3 semester hours of credit for ENGL 1010. ENGL 1020 and 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, 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 English 1010 may also qualify for the honors sequence. A student with credit in programs other than AP should consult the chair of English 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 English 1010 or 1020. Students must have taken the essay portion of the exam as well as the objective portion and must meet with the department chair 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 departmental chair.

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 2050 together with a technology lab (MATH 2160L), or the two semesters of seminar (MATH 2511S and MATH 2521S). 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 chair 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 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.

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. A gold medal provided by Eli Lilly and Company is presented to a graduating pharmacy student for superior scholarship and personal achievement. Leadership qualities and professional attitude are also considered.

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 premedical 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 majors in biological science 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;
- achieved at least a 3.3 grade point average in three biological science courses, at least one of which is not an introductory course; and
- obtained the recommendation of their department chair.

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 a scholastic 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 excellences 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. Initiation is conducted in the April.

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;
- An overall GPA of 3.0 or better; and
- Be in the top 35% of his or her class.

Phi Lambda Upsilon National Chemistry Honor Society. The Beta Xi chapter at Xavier is the only 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. 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.

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, achieved a 3.0 cumulative GPA and a 3.4 GPA in Psychology, and actively participated in the Psychology Club for a minimum of one semester. Students who meet these criteria and are interested in membership must submit a letter of intent and participate in an interview.

Rho Chi The object of the Rho Chi Society is the promotion of scholarship, friendship, and the recognition of high attainments in the pharmaceutical sciences. Pharmacy majors with at least a 3.0 average who rank in the upper 20% of their pharmacy classes are eligible for membership. Students must also have completed at least seven semesters of work toward their degree in pharmacy.

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.



College of Arts and Sciences

The College of Arts and Sciences (CAS) consists of 19 Academic Departments and Divisions who 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 are 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."

UNDERGRADUATE DEGREES OFFERED

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

Art	Mass Communication
Art Education	Middle School Education
Biology	Music
Communication Studies	Philosophy
Elementary Education	Physics
English	Political Science
English/English Education	Social Studies Education
French	Sociology
History	Spanish
Language Education	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
Business	Physics
Chemistry	Public Health Sciences
Chemistry Education	Psychology
Statistics	Speech Pathology

REQUIREMENTS FOR THE DEGREE

In the College of Arts and Sciences, a candidate for the degree must complete a minimum of 128 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. 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 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

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 chairperson of the prospective department/division to ascertain whether the chairperson is in favor of the change;
3. Obtain written approval from the current departmental/division chairperson; and
4. Return to the chairperson 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 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 Department/Division and 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 chairperson of the student's major department/division and the chairperson 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 chairperson and the Dean of the College.

THE CORE CURRICULUM

Xavier's core curriculum is the basis of our liberal arts education and supports our 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 core curriculum described here must be fulfilled by all new freshmen and transfer students entering Xavier University in Fall 2010 or later. Currently enrolled students who entered Xavier under a previous catalog (2008-2010 or earlier) will be required to fulfill the core curriculum in effect at the time of their initial enrollment at Xavier. Such a student may, however, elect to fulfill the new core, under the following conditions:

- 1) The student understands that his or her switch to the new core is irrevocable once made.
- 2) The chair of the student's major department/division must agree to the student's choice of the new core, and should counsel the student on the advisability of switching to the new core.
- 3) Both department/division chair and student must sign and date the student's election of the new core, using the current "Change of major form," but writing in "Change of core curriculum to 2010 core" in the current major selection. This form must then be submitted to the Registrar's Office, which will require completion of the new core curriculum in full as part of the graduation requirements for that student.

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 First Year Experience, African American 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 1100 (2)
- AFAM 2000, 2010, 3020, or 3370 (3)
- CMST 1010, 1011H, 1400, 1500, or 2080 (3)
- Any ART course (except ART 2500), CMST 2010, CMST 2400, 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, PSCI 1010, PSCI 1020, PSCI 2040, PSYC 1010, 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, 1210, 2030, 2110, 2120, 2600, and 4140
CMST: 2010
CRWT: 2141 and 2143

Humanities

AFAM: 2060, 3350
CMST: 2180
ENGL: 2010, 2020, 2070, 2080, 3050, 3160, 3170, 3500, and 4030S
FREN: 4025, 4030
HIST: 1050, 1500, 1600, 1800, 1810, 2200, 2250, 2600, 2700, 3010, 3011, 3040, 3220, 3350, 3385, 3610, 3670, 3675, 3700, and 3800
LANG: 4030
PHIL: 2080, 2260, 2270, 2400, 2410, 3250, and 3260
SPAN: 3030, 3031, 4020, 4025, and 4030
THEO: 1100, 1120, 2001, 2002, 2023, 2100, 2150, 2200, 2250, 2410, 2440, 2500, 2700, 3410, 3500, and 3800
WMST: 3990

Natural Sciences

BIOL: 1030, 1030L, 1040, 1040L, 1050, and 2340
CPSC: 1010, 1210, and 2900
ENGR: 1000 and 1100
IPSC: 2010 and 2020
MATH: 1020, 2020, 2040, and 3010/3010D
PHLT: 1001, 1002
PHYS: 1010, 1530, and 3060
SPTH: 2340

STAT: 2010, 2020, and 3010/3010D

Social Sciences

ACCT: 1010, 1020
BSAD: 1010, 3035, 3195, and 3200
CMST: 1500
ECON: 1030
EDUC: 2200 and 3040
ENTR: 1020
FINC: 1070
MGMT: 2060 and 4010S
MSCM: 1100, 1200, 1210, and 3831
PADM: 3363
PHS: 1001
PSCI: 2060, 2100, 2240, 3010, 3110, 3360, 3363, 3400, 3640, 4100, and 4650
PSYC: 1012, 2050, and 3035
SMKT: 2050, 3550, 3600, and 4010S
SOCI: 1010, 1011, 2010, 2042, 2050, 2060, 3042, and 3070

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.



DEPARTMENT OF ART

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/index.php>.

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, 1030, 1040, 1050, 1060, 1090, 2020, 2030, 2070, 2080, 2110, 2120, and 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, 1020, 1030, 1050, 1060, 1090, 2020, 2070, 2080, 2110, 2120, and 3000.

Minor in Art -- 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 1010-1020) and Drawing I (ART 1030) are required. The additional nine hours are to be chosen from:

- Art History (ART 2110, 2120, 2130, 4140)
- Black & White Photography (ART 3011)
- Ceramics (ART 1050, 3110, 3120)
- Color Photography (ART 3022)
- Drawing (ART 1040, 2030, 2040)
- Graphic Design (ART 2020, 4010, 4020)
- Painting (ART 1060, 3050, 3060)
- Printmaking (ART 2080, 3090, 4100)
- Sculpture (ART 2070, 3070, 3080)

Minor in Arts Management – 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 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 | Community Development through the Arts |
| ART 3200 | Arts Trends and Policy |

Business Courses

- | | |
|-----------|--|
| ACCT 1010 | Principles of Accounting I |
| BSAD 2020 | Intro to Entrepreneurship |
| BSAD 3780 | Organization and Operation of a Small Business |

*Art and Business majors can chose 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.

PROGRAM IN ART

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
ART 1010 & 1060	3	3	Design IA & Intro to Painting
ART 1030 & 1040	3	3	Drawing IA & IB
ART 1090	3		Art Appreciation
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
Mathematics		3	Fundamental Core
Natural Science		3	Fundamental Core
Physical Education (activity course)	1		Essential Core
	17	16	

SOPHOMORE YEAR

ART 2020		3	Graphic Design
ART 2030 & 1050	3	3	Drawing IIA & Ceramics
ART 2070 & 2080	3	3	Sculpture & Printmaking
ART 2110 & 2120	3	3	History of Art IA & IB
African American Studies	3		Essential Core
ENGL 2010	3		Intro. to World Literature
Free Elective		3	
Natural Science	3		Essential Core
Theology		3	Essential Core
	18	18	

JUNIOR YEAR

ART 2130		3	Contemporary Art History
ART Elective		3	Art
Expansive Core	3		Expansive Core
Foreign Language	3	3	Fundamental Core
Minor	6	6	
Philosophy	3	3	Essential Core
	15	18	

SENIOR YEAR

ART Electives	3	3	Art
ART 4999		0	Senior Comprehensives
Expansive Core	3		Expansive Core
Free Electives	3		
Minor	3	3	
History and Theology	3	3	Essential Core
Social Science		3	Essential Core
	15	12	

SUMMARY: PROGRAM IN ART

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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*	45
ART 1010 (3), ART 1030 (3), ART 1040 (3), ART 1050 (3), ART 1060 (3), ART 1090 (3), ART 2020 (3), ART 2030 (3), ART 2070 (3), ART 2080 (3), ART 2110 (3), ART 2120 (3), ART 2130 (3), ART electives (9), ART 4999 (0)	
Minor	18
Free Electives	6
Total Hours 129	

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

PROGRAM IN ART EDUCATION

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
ART 1010-1020	3	3	Design IA-IB
ART 1030-1040	3	3	Drawing IA-IB
ART 1090	3		Art Appreciation
EDUC 1000		0	Teacher Prep
Communication Studies		3	Communication
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1010-1020	3	3	Modern Math/Basic Statistics I
Physical Education (activity course)	1		Essential Core
	17	16	

SOPHOMORE YEAR

ART 1050-1060	3	3	Ceramics/Intro. to Painting
ART 2020-2080	3	3	Graphic and Advertising Design/Printmaking
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2200		3	Multicultural Education
EDUC 2025	3		Child Psychology
EDUC 2044	3		Classroom Organ. And Mgmt.
BIOL 1030/1030L		3	General Biology (non-majors)
ENGL 2010	3		World Literature
Foreign Language	3	3	Fundamental Core
	18	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.

ART 2110-2120	3	3	History of Art IA/IB
EDSC 3023	3		Special Methods
EDUC 3005L		0	Praxis PLT
EDUC 4005S		0	Praxis Specialty Area
EDUC 3040	3		Educational Psychology
EDUC 4090		3	Adolescent Psychology
African American Studies		3	Essential Core
History	3		Essential Core
Expansive Core		3	Expansive Core
Philosophy	3		Essential Core
Theology		3	Essential Core
	15	15	

SENIOR YEAR

ART 2070	3		Intro. to Sculpture
ART 3200		3	Art Trends and Policy
ART 4140	3		Art of the African Diaspora
ART 4999		0	Senior Comprehensives
EDSC 4061T		9	Student Teaching
EDSC 4150		3	Teaching Rdg. in Content Area
EDUC 4060S		0	Student Teaching Seminar
BIOL, CHEM, IPSC, or PHYS	3		Expansive Core
Expansive Core (recommended)			
PHIL 3250	3		Philosophy of Science
Theology	3		Essential Core
	15	15	

SUMMARY: PROGRAM IN ART EDUCATION

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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), 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 (3), ART 1020 (3), ART 1030 (3), ART 1040 (3), ART 1050 (3), ART 1060 (3), ART 2020 (3), ART 2070 (3), ART 2080 (3), ART 2110 (3), ART 2120 (3), ART 3200 (3), ART 4140 (3), ART 4999 (0)	
Education	30
EDSC 3023 (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2025 (3), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	
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.

DEPARTMENT OF BIOLOGY

NCF Science Annex 431 — (504) 520-7527 — <http://www.xula.edu/biology>

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 B.S. degree programs in Biology, Biology Pre-Med, and Biology Education and a B.A. degree program in Biology. The Biology programs provide excellent preparation for a number of different career paths and for graduate school or medical school. Students majoring in Biology may, if they wish, designate themselves Pre-Medicine when declaring their major. 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. The B.A. in Biology is designed to serve those biology majors who are interested in combining their study of biology with other disciplines such as pre-law, marketing, social sciences, history, etc. This degree will not prepare students for graduate programs in biology or for medical or dental schools. Students who later may wish to pursue graduate programs in biology or attend professional school will be required to take additional courses in chemistry, physics and mathematics.

Biology Pre-Medicine majors have the option of choosing the accelerated program. This program enables them to seek admission to medical school at the end of their junior year. Courses taken during the first year of professional school may be substituted for those usually taken during the senior year at Xavier. The B.S. degree from Xavier is awarded at the completion of these courses. This accelerated program does not exempt a student from the Core Curriculum or required biology courses.

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 biology 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, Mississippi. Xavier students are eligible to take courses at this institution.

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.
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 Pre-Med (including the 3+1 accelerated track):
BIOL 1210L, 1220L, 1230/1230L, 1240/1240L, 2000/2000L, 2010/2010L, 3110/3110L, 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 courses in the Department 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) 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 and Biology Pre-Med 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/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.

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

B.A. PROGRAM IN BIOLOGY

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
BIOL 1210L-BIOL 1220L	1	1	Foundations of Biology
BIOL 1230/1230L-BIOL 1240/1240L	4	4	General Biology
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
CMST 1010	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
History		3	Essential Core
Physical Education (activity course)		1	Essential Core
	16	17	

SOPHOMORE YEAR

BIOL 2000/2000L	4	Biodiversity
BIOL 2010/2010L	4	General Microbiology
CHEM 2210/2210D	3	Organic Chemistry I
African American Studies	3	Essential Core
ENGL 2010	3	Intro. to World Literature
MATH 1030	4	Pre-Calculus
Minor	3	
Philosophy	3	Essential Core
Social Science	3	Essential Core
Theology	3	Essential Core
	<hr/> 17	16

JUNIOR YEAR

BIOL 3110/3110L	4	Genetics
BIOL Elective*	3	Biology
Expansive Core	3	Expansive Core
Foreign Language	3	Fundamental Core
Minor	3	6
Philosophy	3	Essential Core
Physical Science	3	
Theology	3	Essential Core
	<hr/> 16	18

SENIOR YEAR

BIOL 4210	1	Intro. to Scientific Literature
BIOL Electives*	7	5
BIOL 4999	0	Senior Comprehensives
Expansive Core	3	Expansive Core
Fine Arts	3	3
Free Electives	3	6
Minor	3	3
	<hr/> 17	17

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

SUMMARY: B.A. PROGRAM IN BIOLOGY

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, BIOL 1230), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, BIOL 1240), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	47
BIOL 1210L (1), BIOL 1220L (1), BIOL 1230/1230L (4), BIOL 1240/1240L (4), BIOL 2000/2000L (4), BIOL 2010/2010L (4), BIOL 3110/3110L (4), BIOL 4210 (1), BIOL electives (15), BIOL 4999 (0); CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D (3); MATH 1030 (4); Physical Science (3)	
Minor	18
Free Electives	6
<hr/> Total Hours	131

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

B.S. PROGRAM IN BIOLOGY

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
BIOL 1210L-BIOL 1220L	1	1	Foundations of Biology
BIOL 1230/1230L-BIOL 1240/1240L	4	4	General Biology
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
CMST	3		Communication
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
	16	16	

SOPHOMORE YEAR

BIOL 2000/2000L	4		Biodiversity
BIOL 2010/2010L		4	General Microbiology
CHEM 2210/2210D/2230L- CHEM 2220/2220D/2240L	4	4	Organic Chemistry I-II
ENGL 2010	3		Intro. to World Literature
MATH 1020-1030/1070	3	4	Basic Statistics - Pre-Calculus/ Intro. Calculus
Social Science		3	Essential Core
Philosophy		3	Essential Core
Theology	3		Essential Core
	17	18	

JUNIOR YEAR

BIOL 3110/3110L	4		Genetics
BIOL Elective		7	Biology
CHEM 3130	3		Biochemistry
Philosophy	3		Essential Core
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Theology		3	Essential Core
	14	14	

SENIOR YEAR

BIOL Electives	4	4	Biology
BIOL 4210	1		Intro. to Scientific Literature
BIOL 4999	0		Senior Comprehensives
Foreign Language	3	3	World Language
Fine Arts		3	Essential Core
Physical Education (activity course)	1	0	Essential Core
African American Studies	3		Essential Core
Expansive Core	3	3	Expansive Core
Free Electives	3	3	
	18	16	

SUMMARY: B.S. PROGRAM IN BIOLOGY

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1020), Natural Science (3, BIOL 1230), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, BIOL 1240), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	44
BIOL 1210L (1), BIOL 1220L (1), BIOL 1230/1230L (4), BIOL 1240/1240L (4), BIOL 2000/2000L (4), BIOL 2010/2010L (4), BIOL 3110/3110L (4), BIOL 4210 (1), BIOL electives (15), BIOL 4999 (0); MATH 1020 (3), MATH 1030 or 1070 (4); PHYS 2010/2010L (4); PHYS2020/2020L (4)	
Minor	19
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 4130 (3)	
Free Electives	6
Total Hours	129

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

B.S. PROGRAM IN BIOLOGY PRE-MED

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
BIOL 1210L-BIOL 1220L	1	1	Foundations of Biology
BIOL 1230/1230L-BIOL 1240/1240L	4	4	General Biology
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
CMST	3		Communication
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
History		3	Essential Core
	16	16	

SOPHOMORE YEAR

BIOL 2000/2000L	4		Biodiversity
BIOL 2010/2010L		4	General Microbiology
CHEM 2210/2210D/2230L- CHEM 2220/2220D/2240L	4	4	Organic Chemistry I-II
ENGL 2010	3		Intro. to World Literature
MATH 1020-1030/1070	3	4	Pre-Calculus/Intro. Calculus
Social Science		3	Essential Core
Philosophy		3	Essential Core
Theology	3		Essential Core
	17	18	

JUNIOR YEAR		
BIOL 3110/3110L	4	Genetics
BIOL Elective	7	Biology
CHEM 3130	3	Biochemistry
Philosophy	3	Essential Core
PHYS 2010/2010L-2020/2020L	4	4 General Physics
Theology		3 Essential Core
	<hr/>	
	14	14

SENIOR YEAR		
BIOL Electives	4	4 Biology
BIOL 4210	1	Intro. to Scientific Literature
BIOL 4999	0	Senior Comprehensives
Foreign Language	3	3 World Language
Fine Arts		3 Essential Core
Physical Education (activity course)	1	Essential Core
African American Studies	3	Essential Core
Expansive Core	3	3 Expansive Core
Free Electives	3	3
	<hr/>	
	18	16

SUMMARY: B.S. PROGRAM IN BIOLOGY PRE-MED

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1020), Natural Science (3, BIOL 1230), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, BIOL 1240), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	44
BIOL 1210L (1), BIOL 1220L (1), BIOL 1230/1230L (4), BIOL 1240/1240L (4), BIOL 2000/2000L (4), BIOL 2010/2010L (4), BIOL 3110/3110L (4), BIOL 4210 (1), BIOL Electives (15), BIOL 4999 (0); MATH 1020 (3), MATH 1030 or 1070 (4); PHYS 2010/2010L (4); PHYS 2020/2020L (4)	
Minor	19
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 4130 (3)	
Free Electives	6
<hr/>	
Total Hours	129

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

B.S. PROGRAM IN BIOLOGY
(Accelerated Premedical 3 + 1 Curriculum)

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
BIOL 1210L-BIOL 1220L	1	1	Foundations of Biology
BIOL 1230/1230L-BIOL 1240/1240L	4	4	General Biology
CHEM 1010/1010D/1011L-CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
Physical Education (activity course)	1	1	Essential Core
	<hr/> 17	<hr/> 18	

SOPHOMORE YEAR

BIOL 2000/2000L	4		Biodiversity
BIOL 2010/2010L		4	General Microbiology
CHEM 2210/2210D/2230L-CHEM 2220/2220D/2240L	4	4	Organic Chemistry I-II
CMST 1010		3	Essential Core
ENGL 2010	3		Intro. to World Literature
Philosophy		3	Essential Core
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Theology	3		Essential Core
	<hr/> 18	<hr/> 18	

JUNIOR YEAR

BIOL 3110/3110L	4		Genetics
BIOL 4210	1		Intro. to Scientific Literature
BIOL 4999	0		Senior Comprehensives
African American Studies	3		Essential Core
Expansive Core	3	3	Expansive Core
Fine Arts		3	Essential Core
Foreign Language	3	3	Fundamental Core
Philosophy		3	Essential Core
History	3		Essential Core
Social Science		3	Essential Core
Theology		3	Essential Core
	<hr/> 17	<hr/> 18	

Credits Accepted from Medical School:

Biology Electives	15
Chemistry Electives	4
Free Electives	8
Total	<hr/> 27

SUMMARY: B.S. PROGRAM IN BIOLOGY (3 + 1 Curriculum)

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, BIOL 1230), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, BIOL 1240), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	45
BIOL 1210L (1), BIOL 1220L (1), BIOL 1230/1230L (4), BIOL 1240/1240L (4), BIOL 2000/2000L (4), BIOL 2010/2010L (4), BIOL 3110/3110L (4), BIOL 4210 (1), BIOL 4999 (0), BIOL Transfer (15); MATH 1030 (4), MATH 1070 (4); PHYS2010/2010L (4); PHYS2020/2020L (4)	
Minor	20
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM Transfer (4)	
Free Electives	8
Total Hours	133

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

Program in Engineering

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 Engineering Programs and see the information about Dual Degree Engineering Programs in this catalog.

**B.S. BIOLOGY DUAL DEGREE PROGRAM
IN BIOMEDICAL ENGINEERING**

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
BIOL 1230/1230L-BIOL 1240/1240L	4	4	General Biology I-II w/lab
ENGR 1000-1100	1	2	Intro. to Engineering/Intro. to Engineering Design
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1070-2070	4	4	Intro. Calculus/Calculus II
Physical Education (activity course)	1		Essential Core
	<u>18</u>	<u>18</u>	

SOPHOMORE YEAR

BIOL 2000/2000L	4		Biodiversity w/lab
BIOL 2010/2010L		4	General Microbiology w/lab
African American Studies		3	Essential Core
CMST 1010	3		Communication
MATH 2080-2030	4	3	Calculus III/Elem. Linear Algebra
PHYS 1121-2111	4	4	General Physics I-II
Theology	3	3	Essential Core
	<u>18</u>	<u>17</u>	

JUNIOR YEAR

BIOL 3110/3110L	4	Genetics w/lab
BIOL 4210	1	Intro. To Scientific Literature
BIOL 4999	0	Senior Comprehensives
ENGR 2210	3	Mechanics-Statics
ENGL 2010	3	World Literature
Expansive Core	3	Expansive Core
History	3	Essential Core
MATH 2530	3	Differential Equations
Philosophy	3	Essential Core
PHIL 2040	3	Logic
PHYS 2121	4	General Physics III
Social Science	3	Essential Core
	17	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 1000/1010, ENGL 1020), Mathematics (3, MATH 1070), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), 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 1000-1100 (1-2) (recommended)	43
Major*	
BIOL 1230/1230L (4), BIOL 1240/1240L (4), BIOL 2000/2000L (4), BIOL 2010/2010L (4), BIOL 3110/3110L (4), BIOL 4210 (1), BIOL 4999 (0); CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4); ENGR 1000 (1), ENGR 1100 (2), ENGR 2210 (3), ENGR electives (15); PHYS 1121 (4), PHYS 2111 (4), PHYS 2121 (4)	
Minor*	20
MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2530 (3)	
Total Hours	129

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

B.S. PROGRAM IN BIOLOGY EDUCATION (GRADES 6-12)
(Certification — Biology)

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
BIOL 1230/1230L-BIOL 1240/1240L	4	4	General Biology
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
EDUC 1000***		0	Teacher Prep
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Languages	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
	<hr/>	<hr/>	
	15	18	

SOPHOMORE YEAR

BIOL 2000/2000L	4		Biodiversity
BIOL 2010/2010L		4	General Microbiology
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Introduction to Exceptional Child
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
ENGL 2010	3		World Literature
Fine Arts	3		Essential Core
MATH 1030-1020	4	3	Pre-Calculus/Basic Statistics I
Philosophy		3	Essential Core
Physical Education (activity course)	1		Essential Core
	<hr/>	<hr/>	
	18	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.

BIOL 3110/3110L	4		Genetics
BIOL Elective		4	Biology
BIOL 4210		1	Intro. to Scientific Literature
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Educational Psychology
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
African American Studies		3	Essential Core
Expansive Core	3		Expansive Core
History		3	Essential Core
Philosophy	3		Essential Core
Theology	3	3	Essential Core
	<hr/>	<hr/>	
	16	17	

SENIOR YEAR		
BIOL 4550	3	Adv. Readings in Biology
Biology Electives	5	Biology
EDSC 3023	3	Special Methods
EDSC 3023B	3	Methods of Teaching Biology
EDSC 4061T	9	Student Teaching
EDSC 4150	3	Teaching Rdg. in Content Area
EDUC 4060S	0	Student Teaching Seminar
IPSC or PHYS Expansive Core (recommended)	3	Expansive Core
	14	15

SUMMARY: B.S. PROGRAM IN BIOLOGY EDUCATION (GRADES 6-12)

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1020), Natural Science (3, BIOL 1230), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1010), Philosophy (6), Physical Education (1, activity-based), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Including one IPSC or PHYS Expansive Core course (3) (recommended)*	
Major**	30
(BIOL 1230)/BIOL 1230L (1), BIOL 1240/1240L (4), BIOL 2000/2000L (4), BIOL 2010/2010L (4), BIOL 3110/3110L (4), BIOL 4210 (1), BIOL 4550 (3), BIOL Electives (9)	
Education	30
EDSC 3023 (3), EDSC 3023B (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	
Other Required Courses**	9
(CHEM 1010)/1010D/1011L (1), CHEM 1020/1020D/1021L (4); MATH 1030 (4)	
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.

DIVISION OF BUSINESS

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

Our mission in the Division of Business is to prepare tomorrow's socially responsible business leaders. Consistent with the University's mission we prepare our 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 the 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 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). The 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 Business Division 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.

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 – The minor in accounting consists of the following 18 hours of coursework:

ACCT 1010-1020	6	Principles of Accounting I and II
ACCT 2010-2020	6	Intermediate Accounting I and II
Accounting Electives*	6	
	<u>18</u>	

*The six hours of Accounting electives must be courses at the 3000 or 4000 level.

Minor in Business Administration –The minor in business administration consists of the following 18 hours of coursework:

ACCT 1010	3	Principles of Accounting
MGMT 2060	3	Principles of Management
SMKT 2050	3	Principles of Marketing
ECON 2010 or 2020	3	Prin. of Micro/Macro Economics
Business Electives*	6	
	<u>18</u>	

*Business Electives must be selected from 3000- or 4000-level business courses with proper prerequisites or from ACCT 1020, 2010, 2020, or 2050.

Minor in Financial Economics – The minor in financial economics consists of the following 18 hours of coursework:

ECON 2010-2020	6	Micro/Macro Principles
ECON/FINC 3010	3	Monetary and Fiscal Policy
FINC 3050	3	Corporate Finance
Electives [#]	6	
	<u>18</u>	

[#]Electives must be selected from 3000- or 4000-level finance or economics courses with proper prerequisites.

Minor in Entrepreneurship – The minor in entrepreneurship is designed for any major on campus and consists of the following 18 hours of coursework:

ENTR 1020	3	Intro to Entrepreneurship
ACCT 1010	3	Principles of Accounting
MGMT 2060	3	Principles of Management
SMKT 2050	3	Principles of Marketing
ENTR 3021	3	Financial Management for Entrepreneurs
ENTR 3780	3	Organization & Operation of a Small Business
	<u>18</u>	

Minor in Sales and Marketing – The minor in Sales and Marketing consists of the following 18 hours of coursework:

ACCT 1010	3	Principles of Accounting 1
SMKT 2050	3	Principles of Marketing
SMKT 3090	3	Customer Relationship Management
SMKT 3500	3	Personal Selling
SMKT 3530	3	Sales Force Management
Sales and Marketing Elective*	3	
	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).

COMMON FRESHMAN PROGRAM

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
ACCT 1010-1020*	3	3	Principles of Accounting I & II
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
MATH 1030	4		Pre-Calculus
Natural Science	3		Essential Core
Philosophy		3	Essential Core
Physical Education (activity course)		1	Essential Core
	17	17	

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.

PROGRAM IN ACCOUNTING

SOPHOMORE YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
ACCT 2010-2020	3	3	Intermediate Accounting I & II
BSAD 2011		3	Business Communications
ECON 2010-2020	3	3	Micro/Macro Economics
ECON 2070-2080	3	3	Statistics I & II
MGMT 2060	3		Principles of Management
SMKT 2050		3	Principles of Marketing
ENGL 2010	3		Intro. to World Literature
History		3	Essential Core
	15	18	

JUNIOR YEAR

ACCT 3010	3		Advanced Accounting
ACCT 3070	3		Cost Accounting
ACCT 3090		3	Governmental Accounting
BSAD 3030		3	Business Law
BSAD 3055	3		Quantitative Analysis
BSAD 3195		3	Computer-Based Info. Systems
BSAD 3200	3		International Business
FINC 3050	3		Corporate Finance
Expansive Core		3	Expansive Core
Free Elective	1		
Theology		3	Essential Core
	16	18	

SENIOR YEAR

ACCT 3030		3	Tax Accounting/Auditing
ACCT 3040		3	Tax Accounting/Auditing
ACCT 4000		3	Seminar
ACCT 4040	3		Advanced Tax Accounting
ACCT 4999		0	Senior Comprehensives
BSAD 4000		3	Strategic Management
African American Studies	3		Essential Core
Fine Arts	3		Essential Core
PHIL 2410	3		Business Ethics
Theology	3		Essential Core
	15	12	

SUMMARY: PROGRAM IN ACCOUNTING

Fundamental Core	19
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (4, MATH 1030), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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*	45
ACCT 1010 (3), ACCT 1020 (3), ACCT 2010 (3), ACCT 2020 (3), ACCT 3010 (3), ACCT 3030 (3), ACCT 3040 (3), ACCT 3070 (3), ACCT 3090 (3), ACCT 4000 (3), ACCT 4040 (3), ACCT 4999 (0); ECON 2010 (3), ECON 2020 (3), ECON 2070 (3), ECON 2080 (3); FINC 3050 (3); MATH 1030 (4); MGMT 2060 (3)**; SMKT 2050 (3)**	
Minor	18
BSAD 2011 (3), BSAD 3030 (3), BSAD 3055 (3), BSAD 3195 (3), BSAD 3200 (3), BSAD 4000 (3)	
Free Electives	4
Total Hours	128

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

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

**PROGRAM IN BUSINESS
with concentration in
FINANCE, MANAGEMENT,
OR
SALES AND MARKETING
Concentration Requirements**

FINANCE: ACCT 2010, 2020, ECON/FINC 3010, 3080, and twelve (12) semester hours of approved Finance electives. *A minimum grade of “C” must be earned in FINC 3050.*

MANAGEMENT: MGMT 3120, 3140, 3160, 3170, 3190, 4010S and six (6) semester hours of approved Management electives. *A minimum grade of “C” must be earned in MGMT 2060.*

SALES AND MARKETING: SMKT 3060, 3350, 3500, 3530, 3700, 4000, and (6) semester hours of approved Marketing electives. *A minimum grade of “C” must be earned in SMKT 2050.*

SOPHOMORE YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
ACCT 2050	3		Managerial Accounting
BSAD 2011		3	Business Communications
ECON 2010-2020	3	3	Micro/Macro Economics
ECON 2070-2080	3	3	Statistics I & II
MGMT 2060	3		Principles of Management
SMKT 2050		3	Principles of Marketing
ENGL 2010	3		Intro. to World Literature
History		3	Essential Core
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	15	15	

JUNIOR YEAR

BSAD 3035	3		Legal Aspects of Business
BSAD 3055	3		Quantitative Analysis
BSAD 3195		3	Computer-Based Info. Systems
BSAD 3200	3		International Business
FINC 3050		3	Corporate Finance
Concentration Requirements	6	6	
Expansive Core		3	Expansive Core
Free Elective	1		
Theology		3	Essential Core
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	16	18	

SENIOR YEAR

BSAD 4000		3	Strategic Management
BSAD 4999		0	Senior Comprehensives
Concentration Requirements	6	6	
African American Studies	3		Essential Core
Fine Arts		3	Essential Core
Free Elective	3		
PHIL 2410	3		Business Ethics
Theology		3	Essential Core
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	15	15	

SUMMARY: PROGRAM IN BUSINESS

Fundamental Core	19
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (4, MATH 1030), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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*	45
ACCT 1010 (3), ACCT 1020 (3), ACCT 2050 (3); BSAD 4999 (0); Concentration (24); ECON 2010 (3), ECON 2020 (3), ECON 2070 (3), ECON 2080 (3); FINC 3050 (3); MATH 1030 (4); MGMT 2060 (3)**; SMKT 2050 (3)**	
Minor	18
BSAD 2011 (3), BSAD 3035 (3), BSAD 3055 (3), BSAD 3195 (3), BSAD 3200 (3), BSAD 4000 (3)	
Free Electives	4
Total Hours	128

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

**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.

DEPARTMENT OF CHEMISTRY

NCF Science Annex 333 — (504) 520-5082 — <http://www.xula.edu/chemistry>

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 track, the Dual Degree Chemistry/Chemical Engineering, and the Science Education (Chemistry) program. All of these programs provide the basic grounding in physical, organic, inorganic, analytical, and biochemistry necessary for any 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 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 (PharmD) 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 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. 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.

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 they wish 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 affiliated engineering school in 5 years. Students follow a modified chemistry program for 3 years at Xavier, and then transfer to the engineering school to complete the last 2 years.

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.

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 chairperson. 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 credits must be earned at Xavier.

Minor in Chemistry – Students in other majors who wish to minor in Chemistry must complete General Chemistry (CHEM 1010/1010D/1011L and CHEM 1020/1020D/1021L), Organic Chemistry (CHEM 2210/2210D/2230L and CHEM 2220/2220D/2240L), and at least two additional semester hours of Chemistry courses at the 3000 level or higher.

**PROGRAM IN CHEMISTRY (A.C.S. Certified)
FRESHMAN YEAR**

	Semester Hours		
	1st	2nd	
	Semester	Semester	
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
Social Science		3	Essential Core
	18	18	

SOPHOMORE YEAR

CHEM 2210/2210D/2230L-	4	4	Organic Chemistry I-II
CHEM 2220/2220D/2240L			
MATH 2030		3	Elem. Linear Algebra
MATH 2070-2080	4	4	Calculus II-III
Physical Education (activity course)	1		Essential Core
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Philosophy	3		Essential Core
	<u>16</u>	<u>15</u>	

JUNIOR YEAR

CHEM 3030/3030L		4	Physical Chemistry I
CHEM 3210/3210L	4		Quantitative Analysis
CHEM 4080		0	Introduction to Research
CHEM 3130		3	Introduction to Biochemistry
African American Studies		3	Essential Core
ENGL 2010	3		Intro. to World Literature
Fine Arts		3	Essential Core
History	3		Essential Core
MATH 2530	3		Differential Equations
Philosophy		3	Essential Core
Theology	3		Essential Core
	<u>16</u>	<u>16</u>	

SENIOR YEAR

CHEM 3040/3040L	4		Physical Chemistry II
CHEM 4010	3		Inorganic Chemistry 1
CHEM 4011		3	Inorganic Chemistry 2
CHEM 4083		3	Undergraduate Research
CHEM 4240/4240L	4		Instrumental Methods
CHEM 4310L (capstone)		2	Synthesis Laboratory
CHEM 4999	0		Senior Comprehensives
CHEM Elective		3	Chemistry
Expansive Core	3	3	Expansive Core
Theology	3		Essential Core
	<u>17</u>	<u>14</u>	

SUMMARY: PROGRAM IN CHEMISTRY (A.C.S. Certified)

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	51
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 3030/3030L (4), CHEM 3210/3210L (4), CHEM 3040/3040L (4), CHEM 3130 (3), CHEM 4080 (0), CHEM 4083 (3), CHEM 4010 (3), CHEM 4011 (3), CHEM 4240/4240L (4), CHEM 4310L (2), CHEM 4999 (0), Chemistry Elective (3); PHYS 2010/2010L (4), PHYS 2020/2020L (4)	
Minor*	19
MATH 1030 (4), MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2530 (3)	
<hr/> Total Hours	
	130

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

PROGRAM IN CHEMISTRY

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
CHEM 1010/1010D/1011L-	4	4	General Chemistry I-II
CHEM 1020/1020D/1021L			
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
Physical Education (activity course)	1		Essential Core
	<hr/>	<hr/>	
	16	18	

SOPHOMORE YEAR

CHEM 2210/2210D/2230L-	4	4	Organic Chemistry I-II
CHEM 2220/2220D/2240L			
African American Studies		3	Essential Core
Minor	3	3	
Philosophy	3		Essential Core
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Theology	3	3	Essential Core
	<hr/>	<hr/>	
	17	17	

JUNIOR YEAR

CHEM 3010/3030L or 3030*/3030L	4	Phys. Chem. for Life Sciences or Physical Chemistry I	
CHEM 3210/3210L	4	Quantitative Analysis	
Advanced CHEM Elective ¹		Chemistry	3
ENGL 2010	3	Intro. to World Literature	
History	3	Essential Core	
Minor	3		6
Philosophy		Essential Core	3
Social Science	3	Essential Core	
	16		16

SENIOR YEAR

CHEM 3130/3130L	4	Intro. to Biochemistry	
CHEM 4320L or 4310L (capstone)		Molecular Structure and Organic Synthesis or Synthesis Lab	2
Advanced CHEM Elective ¹	3	Chemistry	
CHEM 4999		Senior Comprehensives	0
Expansive Core	3	Expansive Core	3
Fine Arts		Essential Core	3
Free Electives			7
Minor	3		
	13		15

*Students choosing to take CHEM 3030 must take the prerequisite MATH 2070, and should take CHEM 3040 as one of their Advanced Chemistry Electives.

¹ 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 Medicinal Chemistry, CHEM 4140 Metabolism, CHEM 4150L Genomics & Proteomics Lab, CHEM 4160 Enzymology; Group B: CHEM 4010 Inorganic Chemistry 1, CHEM 4011 Inorganic Chemistry 2, CHEM 4210 Advanced Organic Chemistry, CHEM 4240/4240L Instrumental Analysis).

SUMMARY: PROGRAM IN CHEMISTRY

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	43
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 3010/3030L or CHEM 3030/3030L (4), CHEM 3130/3130L (4), CHEM 3210/3210L (4), CHEM 4310L or 4320L (2), CHEM 4999 (0), Chemistry Electives (6); MATH 1030 (4), MATH 1070 (4); PHYS 2010/2010L (4), PHYS 2020/2020L (4)	
Minor	18
Free Electives	7
	Total Hours 128

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

PROGRAM IN CHEMISTRY (PREPROFESSIONAL)
(For students in Pre-medicine, Pre-dentistry, and Pre-optometry.)
(Pre-veterinary medicine students take this program with minor substitutions.)

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
CHEM 1010/1010D/1011L-	4	4	General Chemistry I-II
CHEM 1020/1020D/1021L			
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
	15	18	

SOPHOMORE YEAR

CHEM 2210/2210D/2230L-	4	4	Organic Chemistry I-II
CHEM 2220/2220D/2240L			
BIOL 1230/1230L-	4	4	General Biology
BIOL 1240/1240L			
African American Studies		3	Essential Core
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Theology	3	3	Essential Core
	15	18	

JUNIOR YEAR

CHEM 3030/3030L		4	Physical Chemistry I
CHEM 3210/3210L	4		Quantitative Analysis
Advanced CHEM Elective		3	Chemistry
BIOL Electives	4	4	Biology
ENGL 2010	3		Intro. to World Literature
History	3		Essential Core
Philosophy		3	Essential Core
Physical Education (activity course)		1	Essential Core
Social Science	3		Essential Core
	17	15	

SENIOR YEAR

CHEM 3130/3130L	4		Introduction to Biochemistry
CHEM 4140		3	Metabolism
CHEM 4320L (capstone)	2		Molecular Structure and Organic Synthesis
CHEM 4999		0	Senior Comprehensives
BIOL Electives*	3	3	Biology
Expansive Core	3		Expansive Core
Fine Arts		3	Essential Core
Free Electives***		3	
Philosophy**	3		Essential Core
	15	15	

*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 3350/3350L (Anatomy and Physiology); BIOL 3160/3160L (Embryology), BIOL 4111/4111L (Histology); BIOL 4091/4091L (Comparative Vertebrate Anatomy).

Group B: BIOL 2010/2010L (Microbiology), BIOL 3070/3070L (Immunology), BIOL 3091/3091L (Cell Biology), BIOL 3110/3110L (Genetics), BIOL 3250 (Microbial Physiology) BIOL 4250/4250L (Molecular Genetics).

**PHIL 2400 is recommended for students planning a career in the health professions.

***MATH 1020 (STAT 2010) is recommended as an elective for students planning a career in the health professions.

SUMMARY: PROGRAM IN CHEMISTRY (PREPROFESSIONAL)

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	43
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 3010/3030L (4), CHEM 3130/3130L (4), CHEM 3210/3210L (4), CHEM 4140 (3), CHEM 4320L (2), CHEM 4999 (0), Chemistry Elective (3); MATH 1030 (4), MATH 1070 (4); PHYS 2010/2010L (4), PHYS 2020/2020L (4)	
Minor	22
BIOL 1230/1230L (4), BIOL 1240/1240L (4), BIOL Electives (14)	
Free Electives	3
Total Hours	128

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

Also, students who take CHEM 4010 (Inorganic Chemistry 1), CHEM 4080/4083 (Undergraduate Research), and MATH 2070 (Calculus II) can have their degree certified by the American Chemical Society.

**ACCELERATED 3 + 1 PROGRAM IN CHEMISTRY
(PREPROFESSIONAL)**

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

	Semester Hours		
	1st	2nd	
	Semester	Semester	
CHEM 1010/1010D/1011L-	4	4	General Chemistry I-II
CHEM 1020/1020D/1021L			
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
Theology	3		Essential Core
	18	18	

SOPHOMORE YEAR

CHEM 2210/2210D/2230L-	4	4	Organic Chemistry I-II
CHEM 2220/2220D/2240L			
BIOL 1230/1230L-	4	4	General Biology
BIOL 1240/1240L			
African American Studies		3	Essential Core
Philosophy		3	Essential Core
Physical Education (activity course)	1		Essential Core
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Theology	3		Essential Core
	16	18	

SUMMER

Expansive Core	6	Expansive Core
Free Electives	3	
Social Science	3	Essential Core
	12	

JUNIOR YEAR

CHEM 3030/3030L	4	Physical Chemistry I	
CHEM 3210/3210L	4	Quantitative Analysis	
CHEM 4320L (capstone)	2	Molecular Structure and Organic Synthesis	
Advanced CHEM Elective		3	Chemistry
CHEM 4999		0	Senior Comprehensives
BIOL Electives*	4	4	Biology
ENGL 2010	3		Intro. to World Literature
Fine Arts		3	Essential Core
History	3		Essential Core
Philosophy**		3	Essential Core
	16	17	

Credits Accepted from Professional School:

Advanced Biology	8	
Biochemistry	7	
Total	15	

*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 3350/3350L (Anatomy and Physiology); BIOL 3160/3160L (Embryology), BIOL 4111/4111L (Histology); BIOL 4091/4091L (Comparative Vertebrate Anatomy).

Group B: BIOL 2010/2010L (Microbiology), BIOL 3070/3070L (Immunology), BIOL 3091/3091L (Cell Biology), BIOL 3110/3110L (Genetics), BIOL 3250 (Microbial Physiology) BIOL 4250/4250L (Molecular Genetics).

**PHIL 2400 is recommended for students planning a career in the health professions.

PROGRAM IN CHEMISTRY (PREPHARMACY)

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
*CHEM 1010/1010D/1011L-	4	4	General Chemistry I-II
*CHEM 1020/1020D/1021L			
*BIOL 1230/1230L		4	General Biology
*Communication Studies 1010		3	Essential Core
*ENGL 1000/1010-1020	3	3	English Composition
*Free Elective ¹		3	
Freshman Seminar	1	1	First Year Experience
*MATH 1030	4		Pre-Calculus
*PSYC 1010 or SOCI 1010	3		Social Science
	<hr/>	<hr/>	
	15	18	

SOPHOMORE YEAR

*CHEM 2210/2210D/2230L-	4	4	Organic Chemistry I-II
*CHEM 2220/2220D/2240L			
*BIOL 1240/1240L	4		General Biology
*BIOL 2010		3	General Microbiology
*ECON 1030	3		Intro. to Economics
*MATH 1070	4		Intro. Calculus
*Philosophy	3		Essential Core
*PHIL 2400		3	Health Ethics
*PHYS 2010/2010L		4	General Physics
*Theology		3	Essential Core
	<hr/>	<hr/>	
	18	17	

JUNIOR YEAR

CHEM 3030/3030L		4	Physical Chemistry for the Life Sciences
CHEM 3210/3210L	4		Quantitative Analysis
Advanced CHEM Elective ²		3	Chemistry
ENGL 2010	3		Intro. to World Literature
Expansive Core		3	Expansive Core
Foreign Language	3	3	Fundamental Core
History	3		Essential Core
Physical Education (activity course)		1	Essential Core
PHYS 2020/2020L	4		General Physics
Theology		3	Essential Core
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	17	17	

SENIOR YEAR

CHEM 3130/3130L	4	Introduction to Biochemistry
Advanced CHEM Elective ²	3	Chemistry
CHEM 4320L (capstone)	2	Molecular Structure and Organic Synthesis
CHEM 4999	0	Senior Comprehensives
African American Studies	3	Essential Core
BIOL Electives	4	Biology
Expansive Core	3	Expansive Core
Fine Arts	3	Essential Core
Free Electives	3	
	14	14

*Courses that must be completed prior to entering the PharmD Program

¹ Cannot be Science, Math, Pharmacy, or PE.

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 Medicinal Chemistry, CHEM 4140 Metabolism, CHEM 4150L Genomics & Proteomics Lab, CHEM 4160 Enzymology; Group B: CHEM 4010 Inorganic Chemistry 1, CHEM 4011 Inorganic Chemistry 2, CHEM 4210 Advanced Organic Chemistry, CHEM 4240/4240L Instrumental Analysis).

SUMMARY: PROGRAM IN CHEMISTRY (PREPHARMACY)

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	43
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 3030/3030L (4), CHEM 3130/3130L (4), CHEM 3210/3210L (4), CHEM 4320L (2), CHEM 4999 (0), Chemistry Electives (6); MATH 1030 (4), MATH 1070 (4); PHYS 2010/2010L (4), PHYS 2020/2020L (4), ECON 1030 (3)	
Minor	18
BIOL 1230/1230L (4), BIOL 1240/1240L (4), BIOL 2010 (3), BIOL Electives (7)	
Free Electives	6
Total Hours	130

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

SUMMARY OF PREREQUISITES FOR DOCTOR OF PHARMACY PROGRAM

Semester Hours		Semester Hours	
Biology	11	Mathematics	8
Chemistry	16	Philosophy	6
Essential Core	3	Physics	4
English	6	Social Sciences	6
Free Electives	3	Theology	3
		Total Semester Hours	66

The **Biochemistry** program prepares students for graduate study and careers in this fast-moving and exciting area of science. This program requires a double concentration in Mathematics and Biology.

PROGRAM IN BIOCHEMISTRY

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
CHEM 1010/1010D/1011L-	4	4	General Chemistry I-II
CHEM 1020/1020D/1021L			
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
Physical Education (activity course)	1		Essential Core
	16	18	

SOPHOMORE YEAR

CHEM 2210/2210D/2230L-	4	4	Organic Chemistry I-II
CHEM 2220/2220D/2240L			
BIOL 1230/1230L-	4	4	General Biology
BIOL 1240/1240L			
History	3		Essential Core
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Theology	3	3	Essential Core
	18	15	

JUNIOR YEAR

CHEM 3030/3030L		4	Physical Chemistry I
CHEM 3210/3210L	4		Quantitative Analysis
CHEM 4080		0	Introduction to Research
CHEM 3130/3130L		4	Introduction to Biochemistry
African American Studies		3	Essential Core
BIOL 2010/2010L	4		General Microbiology
ENGL 2010	3		Intro. to World Literature
Fine Arts		3	Essential Core
MATH 2070	4		Calculus II
Philosophy		3	Essential Core
	15	17	

SENIOR YEAR

CHEM 4083	3	3	Undergraduate Research
CHEM 4140	3		Metabolism
CHEM 4150L (capstone)		3	Genomics and Proteomics Lab
CHEM 4160		3	Enzymology
CHEM/BIOL Elective*	4		Chemistry/Biology
CHEM/BIOL Elective*	3		Chemistry/Biology
CHEM 4999	0		Senior Comprehensives
Expansive Core	3	3	Expansive Core
Philosophy		3	Essential Core
Social Science	3		Essential Core
	16	15	

*The choice of CHEM/BIOL electives must come from the following classes: BIOL 3091/L (Cell Biology), BIOL 3110/L (Genetics), CHEM 4240/L (Instrumental Analysis), CHEM 4010 (Inorganic), CHEM 3040/L (Physical Chemistry II). At least one of these electives must be taken with the corresponding lab. Students who choose to take 18 hours of Biology will earn a minor in Biology.

SUMMARY: PROGRAM IN BIOCHEMISTRY

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	49
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 3030/3030L (4), CHEM 3130/3130L (4), CHEM 3210/3210L (4), CHEM 4080 (0), 4083 (3), CHEM 4140 (3), CHEM 4150L (3), CHEM 4160 (3), Chemistry or Biology Electives (7), CHEM 4999 (0); PHYS 2010/2010L (4), PHYS 2020/2020L (4)	
Double Concentration*	21
BIOL 1230/1230L (4), BIOL 1240/1240L (4), BIOL 2010/2010L (4); MATH 1030 (4), MATH 1070 (4), MATH 2070 (4)	
Total Hours	130

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

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 affiliated engineering school in 5 years. Students follow a modified chemistry program for 3 years at Xavier, and then transfer to the engineering school to complete the last 2 years.

Program in Engineering

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 Engineering Programs and see the information about Dual Degree Engineering Programs in this catalog.

CHEMISTRY DUAL DEGREE PROGRAM IN CHEMICAL ENGINEERING

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L ENGR 1000-1100	4	4	General Chemistry I-II
	1	2	Intro. To Engineering/Intro to Engineering Design
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1070-2070	4	4	Intro. Calculus/Calculus II
PHYS 1121-2111	4	4	General Physics I-II
Physical Education	1		Essential Core
	<hr/>	<hr/>	
	18	18	

SOPHOMORE YEAR

CHEM 2210/2210D/2230L- CHEM 2220/2220D/2240L	4	4	Organic Chemistry I-II
African American Studies		3	Essential Core
Communication Studies	3	0	Communication
ENGL 2010	3		World Literature
Expansive Core		3	Expansive Core
MATH 2080-2030	4	3	Calculus III, Elem. Linear Algebr General Physics III
PHYS 2121	4		
Social Science		3	Essential Core
	<hr/>	<hr/>	
	18	16	

JUNIOR YEAR

CHEM 3030		3	Physical Chemistry I
CHEM 3210/3210L	4		Quantitative Analysis
CHEM 4320L (capstone)		2	Molecular Structure & Organic Synthesis
CHEM 4999	0	0	Senior Comprehensive Exam
ENGR 2210	3		Mechanics-Statics
ENGR 2630		3	Analytical Methods
ENGR 3040		3	Thermodynamics
MATH 2530	3		Differential Equations
Philosophy	3		Essential Core
PHIL 2040		3	Logic
Theology	3	3	Essential Core
	<hr/>	<hr/>	
	16	17	

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 1000/1010, ENGL 1020), Mathematics (3, MATH 1070), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), 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 1000-1100 (1-2) (recommended)	
Major*	55
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 3030 (3), CHEM 3210/3210L (4), CHEM 4320L (2), CHEM 4999 (0); ENGR 1000 (1), ENGR 1100 (2), ENGR 2210 (3), ENGR 2630 (3), ENGR 3040 (3), ENGR electives (15); PHYS 1121 (4), PHYS 2111 (4), PHYS 2121 (4)	
Minor*	15
MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2530 (3)	
Total Hours	130

*Includes hours already counted in core and/or required courses from other disciplines. The department also offers a program in **Science Education (Chemistry)** jointly with the Division of Education. 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 high school level.

**PROGRAM IN CHEMISTRY EDUCATION (GRADES 6-12)
(Certification — Chemistry)**

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
EDUC 1000***		0	Teacher Prep
Communication Studies		3	Communication
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Freshman Seminar	1	1	First Year Experience
History	3		
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
	15	18	

SOPHOMORE YEAR

CHEM 2210/2210D/2230L- CHEM 2220/2220D/2240L	4	4	Organic Chemistry I-II
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
Philosophy	3		Essential Core
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Theology		3	Essential Core
	<hr/>	<hr/>	
	14	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.

CHEM 3010		3	Physical Chemistry for Life Sciences
CHEM 3210/3210L	4		Quantitative Analysis
CHEM 3130		3	Introduction to Biochemistry
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Essential Core
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
ENGL 2010	3		World Literature
Foreign Languages	3	3	World Languages
Philosophy	3		Essential Core
Physical Education (activity course)	1		Essential Core
Theology		3	Essential Core
	<hr/>	<hr/>	
	17	15	

SENIOR YEAR

CHEM 4073*	3		Chem. Literature Research
CHEM 4320L (capstone)	2		Mol. Structure and Organic Synthesis
CHEM 4999		0	Senior Comprehensives
EDSC 3023	3		Special Methods
EDSC 3023C		3	Methods of Teaching Chemistry
EDSC 4061T		9	Student Teaching
EDSC 4150		3	Teaching Rdg. in Content Area
EDUC 4060S		0	Student Teaching Seminar
African American Studies	3		Essential Core
Expansive Core	3		Expansive Core
BIOL or IPSC Expansive Core (recommended)*	3		Expansive Core
	<hr/>	<hr/>	
	17	15	

*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 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), 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)/1010D/1011L (1), CHEM (1020)/1020D/1021L (1), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 3010 (3), CHEM 3210/3210L (4), CHEM 4073 or 4083 (3), CHEM 3130 (3), CHEM 4320L (2), CHEM 4999 (0)	
Education	30
EDSC 3023 (3), EDSC 3023C (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	
Other Required Courses**	13
(MATH 1030) (1), MATH 1070 (4), PHYS 2010/2010L (4), PHYS 2020/2020L (4)	
<hr/>	
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.

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

DEPARTMENT OF COMMUNICATIONS

Xavier South Suite 510 — (504) 520-5087 — <http://www.xula.edu/communications>

Xavier's Department of Communications is a distinguished and expansive part of the university's academic profile that provides opportunities to study in three different areas: Communication Studies, Mass Communication, and Speech Pathology & Audiology. Students receive practical experience in addition to a theoretical foundation. Dedicated and engaged faculty help prepare students for employment in various fields and for success in graduate and professional schools. While each program has its own goals, the Department has established a common mission to:

- a. increase students' proficiency in communication;
- b. increase students' theoretical and practical knowledge of human communication;
- c. assist students in becoming effective and ethical communicators in a diverse, global society;
- d. increase students' problem solving and critical thinking skills; and
- e. prepare students for success in graduate school or in their chosen career paths.

Students can major or minor in Communication Studies, Mass Communication, and Speech Pathology/Audiology. The department houses the university newspaper, the Xavier Herald; the university television production organization, XTV; XRadio Station (Da Stoop); a National Association of Black Journalists (NABJ) Student Chapter; a Public Relations Student Society of America (PRSSA) Student Chapter; the Speech and Hearing Center; Xavier's Chapter of the National Student Speech-Language-Hearing Association, the Speech Lab, and the Communication Studies Club. Finally, service learning and undergraduate research are two important components of students' academic experience in the Department.

The Department also offers CMST 1010, and 1011H (Fundamentals of Public Speaking and Honors), CMST 1400 (Interpersonal Communication), CMST 1500 (Intercultural Communication), and CMST 2080 (Health Communication) which fulfill the essential core requirement in communication. The Speech Lab provides assistance for students who may have difficulty with oral communication skills and either self-refer or have been referred by a faculty member.

Two departmental offerings, CMST 2010 (Performance of Literature) and MSCM 2850 (Appreciation and History of Film), fulfill the Art/Music/Drama/Film (Fine Arts) requirement of the core curriculum.

The Xavier Herald, XTV, X Radio, NABJ and PRSSA are open to participation to all Xavier students. They provide students with opportunities to strengthen leadership, writing and speaking skills outside of the classroom. Practicum classes are available for academic credit for majors and non-majors in all areas.

The Speech and Hearing Clinic provides both evaluations and treatment for all types of communication disorders to students, faculty, staff and local residents.

For degree credit, Department majors must earn a "C" or better in all of their required major courses. The Mass Communication programs also require majors to earn a "C" or better in the English essential core courses and the required courses in Communication Studies. Any student who has to repeat more than two major required courses because of a grade of "D" or "F" will be advised to change his/her major. Mass Communication and Speech Pathology majors are required to pass a comprehensive examination, and Communication Studies majors are required to pass a capstone course. All majors are expected to attend all departmental meetings.

Minor in Mass Communication – This program consists of 18 hours of course work including:

- MSCM 1100 Introduction to Mass Communication
- MSCM 1200 Principles of Visual Media
- MSCM 2500 Writing for Radio/TV, OR
- MSCM 2222 Writing for the Print Media, and
- Nine hours of electives can be chosen from any MSCM courses.

Minor in Speech Pathology/Audiology – This program consists of 19 Semester Hours in Speech Pathology/Audiology of which the following are required:

- SPTH 1320 Introduction to Communication Disorders
- SPTH 2310 Phonetics
- SPTH/BIOL 2340 Anatomy and Physiology of the Speech and Hearing Mechanism
- Nine hours must be taken from any of the other SPTH courses with the exception of the clinical practicum courses. Students with a minor in SP/A are not eligible for the practicum courses.

PROGRAM IN COMMUNICATION STUDIES

Communication Studies is a broad academic area that studies communication in many different contexts, including relationships, culture, and performance. At Xavier our program is committed to the promotion of social justice through its curriculum, research, and community service. We train our students to meet the responsibilities of global citizenship, leadership, and service in both the workplace and graduate school.

Because students in Communication Studies are exposed to and educated in varying areas such as performance, intercultural, interpersonal, and organizational communication, a degree in Communication Studies offers an array of career choices such as: entrepreneur, media analyst, lawyer, non-profits, human resources, arts and entertainment consultant, graduate/professional school, college professor, client relations, and public health educator.

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 addition to satisfying the department's mission, the Communication Studies program:

- 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.

PROGRAM IN COMMUNICATION STUDIES

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
CMST 1000	3		Intro. to Communication Studies
CMST 1010 or 1011H	3		Fund. of Public Speaking or Fund. of Public Speaking Honors
CMST 1400 or 1500 or 2080		3	Interpersonal Communication or Intercultural Communication or Health Communication
ENGL 1000/1010-1020	3	3	English Composition
History	3		Essential Core
Natural Science (with lab)	3		Fundamental Core
Physical Education (activity course)	1		Essential Core
Freshman Seminar	1	1	First Year Experience
MSCM/SPTH elective*		3	Mass Comm. or Speech Path.
Mathematics		3	Fundamental Core
Social Science		3	Essential Core
	17	16	

SOPHOMORE YEAR

CMST 2010	3		Performance of Literature
CMST 2180		3	Intro. to Cultures and Rhetorics
Natural Science	3		Essential Core
ENGL 2010/2011H	3		Intro. to World Literature
Fine Arts	3		Essential Core
Foreign Language	3	3	Fundamental Core
Theology	3	3	Essential Core
Philosophy		3	Essential Core
Minor		3	
	18	15	

JUNIOR YEAR

CMST 3010	3		Intro. To Communication Theory
CMST Elective**	3		Communication Studies
CMST 3020		3	Intro to Comm. Studies Research
CMST 3030		3	Race, Culture, & Communication
CMST 3040		3	Small Group Communication
African American Studies		3	Essential Core
Expansive Core	3	3	Expansive Core
Free Elective	3		
Minor	3	3	
	15	18	

SENIOR YEAR

CMST Elective**	3	3	Communication Studies
CMST 4900	3		Communication Studies Capstone
Philosophy		3	Essential Core
Free Elective	6	3	
Minor	3	6	
	15	15	

*To complete this requirement, students may choose one of the following: MSCM 1200, MSCM 1210, SPTH 1320, SPTH 2310.

**To complete this requirement, students may choose any three of the following: 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, or CMST 4131, 4132, 4133.

SUMMARY: PROGRAM IN COMMUNICATION STUDIES

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3, MSCM/SPTH Elective), 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	
CMST 1000 (3), 1010 or 1011H (3), 1400 or 1500 or 2080 (3), 2010 (3), 2180 (3), 3010 (3), 3020 (3), 3030 (3), 3040 (3), 4900 (3), CMST Elective (9)	39
Minor	18
Free Electives	12
Total Hours	129

PROGRAM IN MASS COMMUNICATION

The mass communication major offers students a wide liberal arts background and a core of communications courses that prepare students for either graduate school or entry-level positions in the media industry. Mass Communication majors follow a curriculum designed to allow students to concentrate in one of three areas of mass communication: print journalism, broadcasting or public relations.

Mission and Learning Outcomes

In addition to satisfying the goals of the core curriculum, the mass communication program is designed to:

1. prepare students for entry-level positions in the media and media-based positions in other areas of employment;
2. prepare students to ultimately move into management and leadership positions in the media;
3. prepare students to pursue advanced degrees in communication fields, and to qualify for entry into certain professional schools;
4. develop students who have the flexibility and adaptability to compete in a changing job market; and
5. develop students who demonstrate responsible, ethical attitudes toward the role of media and toward media professions.

Students primarily interested in broadcasting may prepare video projects in the department's television studio for cablecast over XTV and become members of XRadio. Those who wish to pursue careers in print media can earn valuable experience on the Xavier Herald, the only student newspaper from a Historically Black College that is a member of the Associated Collegiate Press Hall of Fame. Students interested in public relations or a related career can edit, design and write for departmental publications. Students also have the opportunity to complete internships at media outlets such as a radio or television station, newspaper, magazine, or an advertising or public relations agency. Students are expected to compile a portfolio for use in their job search following graduation.

CONCENTRATIONS IN MASS COMMUNICATION

Mass Communication majors take four Mass Communication core courses in the curriculum 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: print, broadcasting or public relations. Students will follow the program for their area of concentration until they complete the major.

PROGRAM IN MASS COMMUNICATION with concentration in BROADCASTING

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
MSCM 1100	3		Intro. to Mass Communication
MSCM 1200		3	Principles of Visual Media
CMST Elective		3	Communication Studies
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
Mathematics		3	Fundamental Core
Natural Science (with lab)	3		Fundamental Core
Communication Studies	3		Essential Core
Physical Education (activity course)	1		Essential Core
Social Science		3	Essential Core
	17	16	

SOPHOMORE YEAR

MSCM 2222	3		Writing for Print Media
MSCM 2500		3	Writing for Radio/TV
ENGL 2010	3		Intro. to World Literature
Fine Arts	3		Essential Core
Foreign Language	3	3	Fundamental Core
Minor		3	
Natural Science	3		Essential Core
Philosophy		3	Essential Core
Theology	3	3	Essential Core
	18	15	

JUNIOR YEAR

CMST 3040	3		Small Group Communication
MSCM 2530 or 2950		3	Fund. of Audio Prod./Radio and TV Announcing
MSCM 3190	3		Fundamentals of TV Production
MSCM 3210		3	TV News Gathering & Reporting
MSCM 3600	3		Intro. to Mass Comm. Research
African American Studies		3	Essential Core
Expansive Core	3	3	Expansive Core
Free Elective		3	
Minor	3	3	
	15	18	

SENIOR YEAR

MSCM 3500	3		Media Criticism
MSCM 4010 or 4020		3	Producing TV Newscasts/TV Program Production
MSCM 4430		3	Media Law and Ethics
MSCM Elective*		3	Mass Communication
MSCM 4410 or Practicum**	3		Mass Communication
MSCM 4999		0	Senior Comprehensives
Free Elective	3		
Minor	3	6	
Philosophy	3		Essential Core
	15	15	

*To complete this requirement, students may choose one of the following: MSCM 2580, MSCM 3101, MSCM 3650, MSCM 3831, MSCM 4131, 4132, 4133, MSCM 4400, or MSCM 4520.

**To complete this requirement, students may choose one of the following: Internship (MSCM 4410), 3 semester hours of P.R. Practicum (MSCM 2007, 3007, 4007), 3 semester hours of Newspaper Practicum (MSCM 2008, 3008, 4008), or 3 semester hours of Broadcast Practicum (MSCM 2009, 3009, 4009).

**SUMMARY: PROGRAM IN MASS COMMUNICATION
with concentration in
BROADCASTING**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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	45
MSCM 1100 (3), MSCM 1200 (3), MSCM 2222 (3), MSCM 2500 (3), MSCM 2530 or 2950 (3), MSCM 3190 (3), MSCM 3210 (3), MSCM 3500 (3), MSCM 3600 (3), MSCM 4010 or 4020 (3), MSCM 4430 (3), MSCM Elective (3), MSCM 4410 or Practicum (3), MSCM 4999 (0); CMST 3040 (3), CMST Elective (3)	
Minor	18
Free Electives	6
Total Hours	129

PROGRAM IN MASS COMMUNICATION
with concentration in
PRINT

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
MSCM 1100	3		Intro. to Mass Communication
MSCM 1200		3	Principles of Visual Media
CMST Elective		3	Communication Studies
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
Mathematics		3	Fundamental Core
Natural Science (with lab)	3		Fundamental/Essential Core
Communication Studies	3		Essential Core
Physical Education (activity course)	1		Essential Core
Social Science		3	Essential Core
	<hr/>	<hr/>	
	17	16	

SOPHOMORE YEAR

MSCM 2222	3		Writing for Print Media
MSCM 2500		3	Writing for Radio/TV
ENGL 2010	3		Intro. to World Literature
Fine Arts	3		Essential Core
Foreign Language	3	3	Fundamental Core
Minor		3	
Natural Science	3		Essential Core
Philosophy		3	Essential Core
Theology	3	3	Essential Core
	<hr/>	<hr/>	
	18	15	

JUNIOR YEAR

CMST 3040	3		Small Group Communication
MSCM 3150	3		News Editing
MSCM 3211 or 3400		3	Editorial Practicum/Desktop Publishing
MSCM 3250		3	News Reporting
MSCM 3600	3		Intro. to Mass Comm. Research
African American Studies		3	Essential Core
Expansive Core	3	3	Expansive Core
Free Elective		3	
Minor	3	3	
	<hr/>	<hr/>	
	15	18	

SENIOR YEAR

MSCM 3500	3		Media Criticism
MSCM 4000		3	Feature Writing
MSCM 4430		3	Media Law and Ethics
MSCM Elective*		3	Mass Communication
MSCM 4410 or Practicum**	3		Mass Communication
MSCM 4999		0	Senior Comprehensives
Free Elective	3		
Minor	3	6	
Philosophy	3		Essential Core
	<hr/>	<hr/>	
	15	15	

*To complete this requirement, students may choose one of the following: MSCM 2580, MSCM 3101, MSCM 3650, MSCM 3831, MSCM 4131, 4132, 4133, MSCM 4400, or MSCM 4520.

**To complete this requirement, students may choose one of the following: Internship (MSCM 4410), 3 semester hours of P.R. Practicum (MSCM 2007, 3007, 4007), 3 semester hours of Newspaper Practicum (MSCM 2008, 3008, 4008), or 3 semester hours of Broadcast Practicum (MSCM 2009, 3009, 4009).

**SUMMARY: PROGRAM IN MASS COMMUNICATION
with concentration in
PRINT**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), CMST 1010 or 1011H), 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	45
MSCM 1100 (3), MSCM 1200 (3), MSCM 2222 (3), MSCM 2500 (3), MSCM 3150 (3), MSCM 3211 or 3400 (3), MSCM 3250 (3), MSCM 3500 (3), MSCM 3600 (3), MSCM 4000 (3), MSCM 4430 (3), MSCM Elective (3), MSCM 4410 or Practicum (3), MSCM 4999 (0); CMST 3040 (3), CMST Elective (3)	
Minor	18
Free Electives	6
Total Hours	129

**PROGRAM IN MASS COMMUNICATION
with concentration in
PUBLIC RELATIONS**

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
MSCM 1100	3		Intro. to Mass Communication
MSCM 1200		3	Principles of Visual Media
CMST Elective		3	Communication Studies
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
Mathematics		3	Fundamental Core
Natural Science (with lab)	3		Fundamental Core
Communication Studies	3		Essential Core
Physical Education (activity course)	1		Essential Core
Social Science		3	Essential Core
	17	16	

SOPHOMORE YEAR

MSCM 2222	3	Writing for Print Media
MSCM 2500	3	Writing for Radio/TV
ENGL 2010	3	Intro. to World Literature
Fine Arts	3	Essential Core
Foreign Language	3	3 Fundamental Core
Minor		3
Natural Science	3	Essential Core
Philosophy		3 Essential Core
Theology	3	3 Essential Core
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	18	15

JUNIOR YEAR

MSCM 2030	3	Principles of Public Relations
MSCM 3060		3 Writing for Public Relations
MSCM 3150 or 3400		3 News Editing or Desktop Publishing
MSCM 3600	3	Intro. to Mass Comm. Research
CMST 3040	3	Small Group Communication
African American Studies		3 Essential Core
Expansive Core	3	3 Expansive Core
Free Elective		3
Minor	3	3
	<hr/>	
	15	18

SENIOR YEAR

MSCM 3500	3	Media Criticism
MSCM 4060		3 Public Relations Campaigns
MSCM 4430		3 Media Law and Ethics
MSCM Elective*		3 Mass Communication
MSCM 4410 or Practicum**	3	Mass Communication
MSCM 4999		0 Senior Comprehensives
Free Elective	3	
Minor	3	6
Philosophy	3	Essential Core
	<hr/>	
	15	15

*To complete this requirement, students may choose one of the following: MSCM 2580, MSCM 3650, MSCM 3831, MSCM 4131, 4132, 4133, MSCM 4400, or MSCM 4520.

**To complete this requirement, students may choose one of the following: Internship (MSCM 4410), 3 semester hours of P.R. Practicum (MSCM 2007, 3007, 4007), 3 semester hours of Newspaper Practicum (MSCM 2008, 3008, 4008), or 3 semester hours of Broadcast Practicum (MSCM 2009, 3009, 4009).

**SUMMARY: PROGRAM IN MASS COMMUNICATION
with concentration in
PUBLIC RELATIONS**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3, CMST 1010 or 1011H), 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	45
MSCM 1100 (3), MSCM 1200 (3), MSCM 2222 (3), MSCM 2500 (3), MSCM 2030 (3), MSCM 3060 (3), MSCM 3150 or 3400 (3), MSCM 3500 (3), MSCM 3600 (3), MSCM 4060 (3), MSCM 4430 (3), MSCM Elective (3), MSCM 4410 or Practicum (3), MSCM 4999 (0); CMST 3040 (3), CMST Elective (3)	
Minor	18
Free Electives	6
Total Hours	
	129

PROGRAM IN SPEECH PATHOLOGY

Speech pathology is the study of human communication – its normal development, its disorders, and strategies for prevention. The speech-language pathologist, by evaluating the speech and language of children and adults, determines whether communication problems exist and decides the best method of treatment. Audiology is the study of normal and defective hearing. The audiologist strives to prevent hearing loss, aids in diagnosing problems, and recommends habilitation and rehabilitation techniques that range from the use of hearing aids to lip reading and/or manual communication.

Mission and 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.

Xavier University offers a Bachelor of Science degree in Speech Pathology/Audiology. Students should be aware that a Master's degree is required for certification by the American Speech-Language-Hearing Association and for licensure in most states.

PROGRAM IN SPEECH PATHOLOGY

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
BIOL 1030/1030L or 1040/1040L	3		General Biology
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
Mathematics	3		Fundamental Core
MATH 1020		3	Basic Statistics I
Natural Science		3	Essential Core
	<hr/>	<hr/>	
	16	16	

SOPHOMORE YEAR

SPTH 1320	3		Intro. to Communication Disorders
SPTH 2310		3	Phonetics
SPTH 2340	4		Anatomy and Physiology of Speech and Hearing Mechanism
SPTH 2500		3	Speech and Hearing Science
SPTH 2730		3	Normal Language Development
African American Studies	3		Essential Core
ENGL 2010	3		Intro. to World Literature
Fine Arts		3	Essential Core
Minor	3		
Philosophy		3	Essential Core
Theology		3	Essential Core
	<hr/>	<hr/>	
	16	18	

JUNIOR YEAR

SPTH 2760		3	Methods and Materials
SPTH 2920	3		Articulation Disorders
SPTH 3335	3		Audiology
SPTH 3535		3	Hearing Testing
SPTH 4010	3		Language Disorders
Free Elective	3		
Minor	3	3	
Philosophy	3		Essential Core
Physical Education (activity course)		1	Essential Core
Social Science		3	Essential Core
Theology		3	Essential Core
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	18	16	

SENIOR YEAR

SPTH 3340	3	Aural Rehabilitation
SPTH 3560		3 Fluency Disorders
SPTH 4320		3 Voice Disorders
SPTH 4601P	2	Clinical Practicum in Speech Path.
SPTH 4601A	1	Clinical Practicum in Audiology
SPTH 4602P or 4602A		2 Clinical Practicum in Speech Path. or Audiology
SPTH 4999		0 Senior Comprehensives
Expansive Core	3	3 Expansive Core
Minor	6	3
	15	14

SUMMARY: PROGRAM IN SPEECH PATHOLOGY

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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*	48
SPTH 1320 (3), SPTH 2310 (3), SPTH 2340 (4), SPTH 2500 (3), SPTH 2730 (3), SPTH 2760 (3), SPTH 2920 (3), SPTH 3335 (3), SPTH 3340 (3), SPTH 3535 (3), SPTH 3560 (3), SPTH 4010 (3), SPTH 4320 (3), SPTH 4601P (2), SPTH 4601A (1), SPTH 4602P or 4602A (2), SPTH 4999 (0); MATH 1020 (3)	18
Minor	
Free Electives	3
Total Hours	129

DEPARTMENT OF COMPUTER SCIENCE

NCF Science Annex 533 — (504) 520-7456 — <http://www.xula.edu/cpsc>

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 problems and develop good solutions using creative problem-solving skills. Students have opportunities to study application development, business, data mining, graphics, robotics, networks, 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 the Concentration in Computer Engineering. All majors require the same introductory programming sequence then diverge and the computer science majors take more mathematics course, the computer information systems majors take more business courses, and the 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 the solution of 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.

Our 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. We sustain a liberal education so students are willing to fulfill their responsibilities to be ethical service-oriented professionals with a broad understanding of computing. Our faculty and students contribute to computing through active research and professional service as we keep abreast of emerging technologies.

Our 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 128 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 in Computer Science

To earn a Bachelor of Science Degree in Computer Science, a student must earn a total of 128 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 in Computer Information Systems

To earn a Bachelor of Science Degree in Computer Information Systems, a student must earn a total of 128 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).

B.S. Computer Science with a Concentration in Computer Engineering

Xavier also has a Dual-Degree Engineering Program that has a Computer Engineering concentration. This 3+2 program requires students to complete the core Computer Science and Engineering courses then transfer to an engineering school to complete their engineering degree requirements. Upon completion of the degree requirements, students will earn a B.S. in Computer Science from Xavier and a bachelor’s degree in Computer Engineering from their engineering school.

Minor in Computer Science

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, CPSC 1720, CPSC 2120, CPSC 2730, CPSC 2740, and three hours in any 3000 or 4000-level CPSC course.

Concentration in Computer Science

To earn a Concentration in Computer Science, a student must earn a total of 12 hours with a grade of “C” or better in CPSC 1710, CPSC 1720, CPSC 2120, and CPSC 2730.

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 will earn 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 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.

B.S. PROGRAM IN COMPUTER SCIENCE

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
CPSC 1710 – CPSC 1720	3	3	Computer Science I-II
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts	3		Essential Core
FRSM 1000 – FRSM 1100	1	1	First Year Experience
History	3		Essential Core
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
Physical Education (activity course)		1	Essential Core
	<hr/>	<hr/>	
	17	15	

SOPHOMORE YEAR

CPSC 2730	3	Data Structures
CPSC 2120 – CPSC 2740		6 Comp Org/Arch, Software Dev
ENGL 2010	3	World Literature
Language I-II (same)	3	3 Fundamental Core
MATH 2030		3 Elementary Linear Algebra
MATH 2550	3	Discrete Structure for Comp Sci
PHIL 2040	3	Philosophy Logic
Social Science	3	Essential Core
Theology I		3 Essential Core
Expansive I		3 Expansive Core
	18	18

JUNIOR YEAR

CPSC 3140 –CPSC 3060	3	3 Operating Systems, Algorithms
CPSC 3710	3	Databases
African American Studies		3 Essential Core
MATH 1020–MATH 2000 or above	3	2 Required – (2) if MATH Minor
Philosophy II		3 Essential Core
Theology II		3 Essential Core
Natural Science with Lab		3 Fundamental Core
Free Electives	3	3 Free
	15	17

SENIOR YEAR

CPSC Elective	3	Major
CPSC 3000-level or above Elective		3 Major
CPSC 4800 – CPSC 4805	1	2 Capstone Project I-II
CPSC 4999 – CPSC 4999P		0 Senior Comprehensives
Expansive Core II	3	Expansive Core
Free Electives	10	6 Free
	17	11

SUMMARY: B.S. PROGRAM IN COMPUTER SCIENCE

Fundamental Core	18
English Composition (6, ENGL 1000/1010 and ENGL 1020), Language (6 of same), Mathematics (4*, MATH 1030), and Natural Science with Lab (3)	
Essential Core	36
African American Studies (3), Communication Studies (3), Fine Arts (3), First Year Experience (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
1710 (3), 1720 (3), 2120 (3), 2730 (3), 2740 (3), 3060 (3), 3140 (3), 3710 (3), 3000-level or above elective (3), Elective (3), 4800 (1), 4805 (2), 4999 (0), 4999P (0)	
Required Minor Courses (IF MATH Minor)	18
1030 (4*), 1070 (4*), 1020 (3), 2030 (3), 2550 (3), 2000-level or above MATH Electives (2)	
Free Electives	17
Total Hours	128

*Some of these course hours are credited to the Fundamental Core, some to the Essential Core, and others to the Minor.

**To complete the Computer Science Degree, dual degree engineering students must satisfy these additional 12 hours.

B.S. PROGRAM IN COMPUTER INFORMATION SYSTEMS

FRESHMAN YEAR

	Semester 1 st	Semester 2 nd	
CPSC 1710 – CPSC 1720	3	3	Computer Science I-II
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts	3		Essential Core
FRSM 1000 – FRSM 1100	1	1	First Year Experience
History	3		Essential Core
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
Physical Education (activity course)		1	Essential Core
	17	15	

SOPHOMORE YEAR

CPSC 2730	3		Data Structures
CPSC 2120 – CPSC 2740		6	Comp Org/Arch, Software Dev
ACCT 1010 – ACCT 1020	3	3	Minor
ENGL 2010	3		World Literature
Language I-II (same)	3	3	Fundamental Core
MATH 2550	3		Discrete Structures for Comp Sci
PHIL 2040 – Theology I	3	3	Essential Core
Social Science		3	Essential Core
	18	18	

JUNIOR YEAR

CPSC 1800 – CPSC 2005	3	3	Fund ^l of IS, Adv Software Appls
CPSC 3140	3		Operating Systems
CPSC 3710	3		Databases
African American Studies		3	
ECON 2010 – ECON 2020	3	3	Minor
MATH 1020		3	Basic Statistics I
PHIL 2410 – Natural Science with Lab	3	3	Business Ethics – Natural Science with Lab
Expansive I		3	Expansive Core
	15	18	

SENIOR YEAR

CPSC Elective	3		Major
CPSC 4800 – CPSC 4805	1	2	Capstone Project I-II
CPSC 4999 – CPSC 4999P		0	Senior Comprehensives
BSAD 3035 – FINC 3050	3	3	Legal Aspects Business, Corp Finance
SMKT 2050 – MGMT 2060	3	3	Principles Marketing, Management
Theology II		3	Essential Core
Expansive II	3		Expansive Core
Free Electives		3	Free
	13	14	

SUMMARY: B.S. PROGRAM IN COMPUTER INFORMATION SYSTEMS

Fundamental Core	18
English Composition (6, ENGL 1000/1010 and ENGL 1020), Language (6 of same), Mathematics (4*, MATH 1030), and Natural Science with Lab (3)	
Essential Core	36
African American Studies (3), Communication Studies (3), Fine Arts (3), First Year Experience (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
1710 (3), 1720 (3), 1800 (3), 2005 (3), 2120 (3), 2730 (3), 2740 (3), 3140 (3), 3710 (3), Elective (3), 4800 (1), 4805 (2), 4999 (0), 4999P (0)	
Required Mathematics (MATH) Minor Courses	8
1020 (3), 1030 (4*), 1070 (4*), 2550 (3)	
Required Business Minor Courses	24
ACCT 1010 (3), ACCT 1020 (3), BSAD 3035 (3), ECON 2010 (3), ECON 2020 (3), FINC 3050 (3), MGMT 2060 (3), SMKT 2050 (3)	
Free Electives	3
Total Hours	128

*Some of these course hours are credited to the Fundamental Core, some to the Essential Core, and others to the Minor.

**To complete the Computer Science Degree, dual degree engineering students must satisfy these additional 12 hours.

B.S. COMPUTER SCIENCE WITH DUAL DEGREE IN COMPUTER ENGINEERING

FRESHMAN YEAR			
Semester Hours			
1st 2nd			
Semester	Semester	Semester	
CPSC 1710 – CPSC 1720	3	3	Computer Science I-II
ENGR 1000 – ENGR 1100	1	2	Intro to Engineering – Engineering Design
ENGL 1000/1010-1020	3	3	English Composition
FRSM 1000 – FRSM 1100	1	1	First Year Experience
MATH 1070-2070	4	4	Intro. Calculus – Calculus II
PHYS 1121 – PHYS 2111	4	4	General Physics I - II
Physical Education	1		Essential Core
	<hr/>	<hr/>	
	17	17	
SOPHOMORE YEAR			
CPSC 2120		3	Computer Org & Arch
CPSC 2730 – CPSC 2740	3	3	Data Structures – Software Dev
African American Studies	3		Essential Core
Communication Studies		3	Essential Core
Expansive I		3	Expansive Core
MATH 2080 – MATH 2030	4	3	Calculus III – Elem Linear Algebra
PHYS 2121	4		General Physics III
Theology I	3	3	Essential Core
	<hr/>	<hr/>	
	17	18	

JUNIOR YEAR

CPSC 3140 –CPSC 3060	3	3	Operating Systems, Algorithms
ENGL 2010	3		Intro to World Literature
Social Science - Fine Arts		6	Essential Core
Language I – II (same)	3	3	Fundamental Core
History	3		Essential Core
MATH 2550 – MATH 2530	3	3	Discrete Math – Differential Eqns
Philosophy I – PHIL 2040	3	3	Essential Core - Logic
CPSC 3999		0	Essential Core
	18	18	

TAKEN AT ENGINEERING SCHOOL

Capstone Course		0	Capstone
Senior Comprehensive Examination		0	
ENGR Electives	12	11	Electives
	12	11	

SUMMARY: B.S. COMPUTER SCIENCE WITH DDEP

Fundamental Core	18
English Composition (6, ENGL 1000/1010 and ENGL 1020), Language (6 of same), Mathematics (4*, MATH 1070), and Natural Science with Lab (4*, PHYS 1121)	
Essential Core	36
African American Studies (3), Communication Studies (3), Fine Arts (3), First Year Experience (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 1000-1100	
Required Computer Science (CPSC) Courses	21
1710 (3), 1720 (3), 2120 (3), 2730 (3), 2740 (3), 3060 (3), 3140 (3), 3999	
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
1070 (4*), 2030 (3), 2070 (4), 2080 (4), 2530 (3)	
Required Physics (PHYS) Courses	
1121 (4*), 2111 (4), 2121 (4)	12
Total Hours	128

*Some of these course hours are credited to the Fundamental Core, some to the Essential Core, and others to the Minor.

DIVISION OF EDUCATION

Library 503 — (504) 520-7536 — <http://www.xula.edu/education>

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 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 is the development of reflective professionals who are collaborative change agents toward a more just and humane society.

The Division 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 concepts: spirituality, diversity, professionalism, inquiry, competence, and technology. 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 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.

Curricula and Educational Outcomes – The Division of Education 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 areas, 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 the 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.

Minor in Education – 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.

EDUCATION MINOR (18 semester hours)

9 semester hours

EDUC 2040	Introduction to Exceptional Children
EDUC 2044	Classroom Management
EDUC 2025	Child Psychology

Select 9 semester hours

EDEL 3020	Methods of Teaching in Elementary School
EDUC 2200	Multicultural Education
EDUC 3040	Educational Psychology
EDUC 4030	Educational Measurement and Evaluation
EDUC 4090	Adolescent Psychology

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

Admission to the University or registration with the Division as a major does not constitute acceptance into the Teacher Education Program.

Admission requirements include submission of:

1. High school transcript that includes completion of:

English	4 units
Mathematics	2 units (including Algebra)
Science	1 unit
Social Science	1 unit
Language or Other Academic Areas-	8 units
Total -	16 units
2. Scores from the Scholastic Achievement Test (SAT) or American College Testing Program (ACT).
3. Recommendation from high school counselor.

Transfer Students

- (a) Students who transfer from other departments within the university must have a minimum cumulative GPA of 2.3 and must have a grade of “C” or better in each course.
- (b) Students 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 credits. The transfer applicant must be in good standing with the institution and eligible to return to it. Transfer credits are transferable with grades of “C” or better. Candidates must earn at least 25% of course credit in-residence at Xavier with eighteen hours in the major with a grade of “C” or better in each course to earn a degree.

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

Eligibility Requirements for Student Teaching

1. Formal acceptance into the Teacher Education Program;
2. Earn all grades of “C” and 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. 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 Office.

PROGRAM IN ART EDUCATION

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 section in this catalog for requirements to be formally admitted into Xavier’s Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
ART 1010-1020	3	3	Design IA-IB
ART 1030-1040	3	3	Drawing IA-IB
ART 1090	3		Art Appreciation
EDUC 1000		0	Teacher Prep
Communication Studies		3	Communication
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1010-1020	3	3	Modern Math/Basic Statistics I
Physical Education (activity course)	1		Essential Core
	<u>17</u>	<u>16</u>	

SOPHOMORE YEAR

ART 1050-1060	3	3	Ceramics/Intro. to Painting
ART 2020-2080	3	3	Graphic and Advertising Design/Printmaking
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2200		3	Multicultural Education
EDUC 2025	3		Child Psychology
EDUC 2044	3		Classroom Organ. And Mgmt.
BIOL 1030/1030L		3	General Biology (non-majors)
ENGL 2010	3		World Literature
Foreign Language	3	3	Fundamental Core
	18	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.

ART 2110-2120	3	3	History of Art IA/IB
EDSC 3023	3		Special Methods
EDUC 3005L		0	Praxis PLT
EDUC 4005S		0	Praxis Specialty Area
EDUC 3040	3		Educational Psychology
EDUC 4090		3	Adolescent Psychology
African American Studies		3	Essential Core
History	3		Essential Core
Expansive Core		3	Expansive Core
Philosophy	3		Essential Core
Theology		3	Essential Core
	15	15	

SENIOR YEAR

ART 2070	3		Intro. to Sculpture
ART 3200		3	Art Trends and Policy
ART 4140	3		Art of the African Diaspora
ART 4999		0	Senior Comprehensives
EDSC 4061T		9	Student Teaching
EDSC 4150		3	Teaching Rdg. in Content Area
EDUC 4060S		0	Student Teaching Seminar
BIOL, CHEM, IPSC, or PHYS	3		Expansive Core
Expansive Core (recommended)			
PHIL 3250	3		Philosophy of Science
Theology	3		Essential Core
	15	15	

SUMMARY: PROGRAM IN ART EDUCATION

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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), 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 (3), ART 1020 (3), ART 1030 (3), ART 1040 (3), ART 1050 (3), ART 1060 (3), ART 2020 (3), ART 2070 (3), ART 2080 (3), ART 2110 (3), ART 2120 (3), ART 3200 (3), ART 4140 (3), ART 4999 (0)	
Education	30
EDSC 3023 (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2025 (3), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	
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.

B.S. PROGRAM IN BIOLOGY EDUCATION (GRADES 6-12)

(Certification — Biology)

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
BIOL 1230/1230L-BIOL 1240/1240L	4	4	General Biology
CHEM 1010/1010D/1011L-CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
EDUC 1000***		0	Teacher Prep
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Languages	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
	15	18	

SOPHOMORE YEAR

BIOL 2000/2000L	4		Biodiversity
BIOL 2010/2010L		4	General Microbiology
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Introduction to Exceptional Child
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
ENGL 2010	3		World Literature
Fine Arts	3		Essential Core
MATH 1030-1020	4	3	Pre-Calculus/Basic Statistics I
Philosophy		3	Essential Core
Physical Education (activity course)	1		Essential Core
	18	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.

BIOL 3110/3110L	4		Genetics
BIOL Elective		4	Biology
BIOL 4210		1	Intro. to Scientific Literature
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Educational Psychology
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
African American Studies		3	Essential Core
Expansive Core	3		Expansive Core
History		3	Essential Core
Philosophy	3		Essential Core
Theology	3	3	Essential Core
	16	17	

SENIOR YEAR

BIOL 4550	3		Adv. Readings in Biology
Biology Electives		5	Biology
EDSC 3023	3		Special Methods
EDSC 3023B		3	Methods of Teaching Biology
EDSC 4061T		9	Student Teaching
EDSC 4150		3	Teaching Rdg. in Content Area
EDUC 4060S		0	Student Teaching Seminar
IPSC or PHYS Expansive Core (recommended)	3		Expansive Core
	14	15	

SUMMARY: B.S. PROGRAM IN BIOLOGY EDUCATION (GRADES 6-12)

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1020), Natural Science (3, BIOL 1230), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1010), Philosophy (6), Physical Education (1, activity-based), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Including one IPSC or PHYS Expansive Core course (3) (recommended)*	
Major**	30
(BIOL 1230)/BIOL 1230L (1), BIOL 1240/1240L (4), BIOL 2000/2000L (4), BIOL 2010/2010L (4), BIOL 3110/3110L (4), BIOL 4210 (1), BIOL 4550 (3), BIOL Electives (9)	
Education	30
EDSC 3023 (3), EDSC 3023B (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	
Other Required Courses**	9
(CHEM 1010)/1010D/1011L (1), CHEM 1020/1020D/1021L (4); MATH 1030 (4)	
<hr/> 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.

PROGRAM IN CHEMISTRY EDUCATION (GRADES 6-12) (Certification — Chemistry)

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
CHEM 1010/1010D/1011L-	4	4	General Chemistry I-II
CHEM 1020/1020D/1021L			
EDUC 1000***		0	Teacher Prep
Communication Studies		3	Communication
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Freshman Seminar	1	1	First Year Experience
History	3		
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
	15	18	

SOPHOMORE YEAR

CHEM 2210/2210D/2230L-	4	4	Organic Chemistry I-II
CHEM 2220/2220D/2240L			
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
Philosophy	3		Essential Core
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Theology		3	Essential Core
	14	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.

CHEM 3010		3	Physical Chemistry for Life Sciences
CHEM 3210/3210L	4		Quantitative Analysis
CHEM 3130		3	Introduction to Biochemistry
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Essential Core
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
ENGL 2010	3		World Literature
Foreign Languages	3	3	World Languages
Philosophy	3		Essential Core
Physical Education (activity course)	1		Essential Core
Theology		3	Essential Core
	17	15	

SENIOR YEAR

CHEM 4073*	3		Chem. Literature Research
CHEM 4320L (capstone)	2		Mol. Structure and Organic Synthesis
CHEM 4999		0	Senior Comprehensives
EDSC 3023	3		Special Methods
EDSC 3023C		3	Methods of Teaching Chemistry
EDSC 4061T		9	Student Teaching
EDSC 4150		3	Teaching Rdg. in Content Area
EDUC 4060S		0	Student Teaching Seminar
African American Studies	3		Essential Core
Expansive Core	3		Expansive Core
BIOL or IPSC Expansive Core (recommended)*	3		Expansive Core
	17	15	

*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 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), 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)/1010D/1011L (1), CHEM (1020)/1020D/1021L (1), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 3010 (3), CHEM 3210/3210L (4), CHEM 4073 or 4083 (3), CHEM 3130 (3), CHEM 4320L (2), CHEM 4999 (0)	
Education	30
EDSC 3023 (3), EDSC 3023C (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	
Other Required Courses**	13
(MATH 1030) (1), MATH 1070 (4), PHYS 2010/2010L (4), PHYS 2020/2020L (4)	
<hr/> 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.

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

PROGRAM IN ELEMENTARY EDUCATION (GRADES 1-5)

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
EDUC 1000***		0	Teacher Prep
BIOL 1030/1030L	3		General Biology (non-majors)
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
GEOG 1010		3	World Geography
Freshman Seminar	1	1	First Year Experience
HIST 1030 or 1040	3		World Civilizations
IPSC 2010		4	Integrated Physical Science
MATH 1010-1015	3	3	Prin. of Modern Math./College Alg
Physical Education (activity course)	1		Essential Core
PSCI 1020		3	American Government
	<hr/>	<hr/>	
	17	17	

SOPHOMORE YEAR

EDUC 2005R	0		Praxis PPST Reading
EDUC 2005W	0		Praxis PPST Writing
EDUC 2005M	0		Praxis PPST Math
EDUC 2025	3		Child Psychology
EDUC 2030		3	Children's Literature
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
African American Studies	3		Essential Core
ART 2090 or MUME 2013		3	Art Essentials for Teachers or Elem. Classroom Music
ENGL 2010	3		Intro. to World Literature
Foreign Language	3		Fundamental Core
MATH 2015-2025	3	3	Geometry/Finite Math.
	18	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.

EDEL 3020	3		Methods of Tchg. Elem. School
EDEL 3050A-B	3	3	Meth. & Materials in the Tchg. of Rdg.
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Essential Core
EDUC 3060A-B	3	3	Strat. & Tech. in Elem. School Math
EDUC 4005S		0	Praxis Specialty Area
Expansive Core		3	Expansive Core
HIST 3040		3	History of Louisiana
IPSC 2020		3	Earth Science
PHED 2015	3		Elem. School Physical Education
Philosophy		3	Essential Core
Theology	3		Essential Core
	18	18	

SENIOR YEAR

EDEL 3071-3081	3	3	Curriculum Applications I/II
EDUC 4030	3		Educational Measurement & Eval.
EDUC 4060A		9	Student Teaching
EDUC 4060S		0	Student Teaching Seminar
EDUC 4113R		3	Clinical Procedures in Remedial Rdg.
EDUC 4999		0	Senior Comprehensives
ENGL Expansive Core (recommended)	3		Expansive Core
IPSC 4010	3		Advanced Earth Science
PHIL 3250	3		Philosophy of Science
Theology	3		Essential Core
	18	15	

SUMMARY: PROGRAM IN ELEMENTARY EDUCATION (GRADES 1-5)**18****Fundamental Core**

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

Essential Core**36**

First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3, ART 2090 or MUME 2013), History (3, HIST 1030 or 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 (3), EDEL 3050A (3), EDEL 3050B (3), EDEL 3071 (3), EDEL 3081 (3); EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2025 (3), EDUC 2030 (3), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 3060A (3), EDUC 3060B (3), EDUC 4005S (0), EDUC 4030 (3), EDUC 4060A (9), EDUC 4060S (0), EDUC 4113R (3), EDUC 4999 (0)

Other Required Courses****25**

GEOG 1010 (3); HIST 3040 (3); IPSC 2010 (4), IPSC 2020 (3), IPSC 4010 (3), MATH 2015 (3), MATH 2025 (3); PHED 2015 (3)

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.

**PROGRAM IN ENGLISH/ENGLISH EDUCATION
(GRADES 6-12)**

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
ENGL 1000/1010-1020	3	3	English Composition
EDUC 1000		0	Teacher Prep
BIOL 1030/1030L	3		General Biology (non-majors)
Communication Studies	3		Essential Core
Fine Arts		3	Essential Core
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
History		3	Essential Core
MATH 1010-1020	3	3	Modern Math/Basic Statistics I
Physical Education (activity course)	1		Essential Core
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	17	16	

SOPHOMORE YEAR

ENGL 2010-2020	3	3	Intro. to World Literature I – II
ENGL 2070-2080	3	3	Survey of British Literature I – II
ENGL 2200	3		Modern English Grammars
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
African American Studies		3	Essential Core
Philosophy	3		Essential Core
Social Science		3	Essential Core
Theology	3		Essential Core
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	18	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.

ENGL 3040 or 3050	3		Shakespeare
ENGL 3160-3170	3	3	Survey of American Literature I-II
ENGL 3310	3		Rhetoric, Comp & Tehng.of Writing
ENGL 3320		3	Critical Approaches to Teaching Lit.
ENGL Electives*	3	3	English
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Essential Core
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
Expansive Core		3	Expansive Core
	15	15	

*Six total hours must be chosen from two of the following groups: (1) ENGL 3185, 3280, 3290; (2) ENGL 3010, 3021, 3070; (3) ENGL 3210, 3221, 3270.

SENIOR YEAR

ENGL 3135	3		Language: History and Theory
ENGL 4010S, 4020S, 4030S, 4040S 4050S, or 4060S	3	3	Seminar
ENGL Elective	3		English
ENGL 4999		0	Senior Comprehensives
EDSC 4061T		9	Student Teaching
EDUC 4060S		0	Student Teaching Seminar
BIOL, CHEM, IPSC, or PHYS Expansive Core (recommended)	3		Expansive Core
PHIL 3250	3		Essential Core
	15	12	

**SUMMARY: PROGRAM IN ENGLISH/ENGLISH EDUCATION
(GRADES 6-12)**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*	
Major**	45
ENGL 2020 (3), ENGL 2070 (3), ENGL 2080 (3), ENGL 2200 (3), ENGL 3040 or 3050 (3), ENGL 3135 (3), ENGL 3160 (3), ENGL 3170 (3), ENGL 3310 (3), ENGL 3320 (3); ENGL 3185 or 3280 or 3290 (group 1) OR ENGL 3010 or 3021 or 3070 (group 2) OR ENGL 3210 or 3221 or 3270 (group 3) (6 total hours from 2 of the preceding groups); ENGL elective (3), ENGL 4000-level seminars (6), ENGL 4999 (0)	
Education	21
EDSC 4061T (9), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	
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.

**PROGRAM IN FOREIGN LANGUAGE EDUCATION (GRADES K-12)
(FRENCH OR SPANISH EDUCATION)**

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
FREN or SPAN 1010-1020; 1020-2010; or 2010-2020	3	3	Elementary or Intermed. Fren./Span.
EDUC 1000***		0	Teacher Prep
BIOL 1030/1030L	3		General Biology (non-majors)
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Freshman Seminar	1	1	First Year Experience
MATH 1010-1020	3	3	Modern Math/Basic Statistics I
History		3	Essential Core
Physical Education (activity course)	1		Essential Core
	<hr/> 17	<hr/> 16	

SOPHOMORE YEAR

FREN or SPAN 2010-2020; 3001-3002; or 2020 and 3000-level course	3	3	Intermediate Fren./Span.; Gram. & Comp.; or Intermed. Fren./Span. II & 3000-level course
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2025	3		Child Psychology
EDUC 2040		3	Introduction to Exceptional Child
EDUC 2044	3		Classroom Management
EDUC 2200		3	Multicultural Education
African American Studies		3	Essential Core
ENGL 2010-2020	3	3	Intro. to World Literature
Free Elective	2		
Theology	3		Essential Core
	17	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.

THE FOLLOWING JUNIOR YEAR CURRICULUM IS **REQUIRED** FOR ALL FRENCH EDUCATION MAJORS. SPANISH EDUCATION MAJORS MAY ALSO OPT FOR THIS JUNIOR YEAR CURRICULUM.

FREN or SPAN (see advisor)	12		Study Abroad
FREN or SPAN 4050 or 4051		3	Internship or Special Topics
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Essential Core
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
Expansive Core		3	Expansive Core
Philosophy		3	Essential Core
Theology		3	Essential Core
	15	15	

THE FOLLOWING JUNIOR YEAR CURRICULUM IS FOR SPANISH EDUCATION MAJORS WHO **DO NOT** ELECT THE STUDY ABROAD OPTION ABOVE.

SPAN 3001 and 3002 or SPAN Elective	3	3	Gram. & Comp. or Spanish Elective
SPAN 3011 and 3012 or SPAN Elective	3	3	Adv. Conversation or Spanish Elective
SPAN 4051 or 4052		3	Special Topics
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Educational Psychology
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
Expansive Core		3	Expansive Core
Philosophy	3		Essential Core
Theology	3		Essential Core
	15	15	

SENIOR YEAR		
FREN or SPAN 4033/4043 or 4051/4052	3	Directed Readings or Special Topics
FREN or SPAN 4080	3	Language Tchng. Methodology
FREN or SPAN Elective	3	French or Spanish
FREN or SPAN 4999	0	Senior Comprehensives
EDSC 3023	3	Special Methods
EDSC 4061T	9	Student Teaching
EDSC 4150	3	Teaching Reading in the Content Area
EDUC 4060S	0	Student Teaching Seminar
BIOL, CHEM, IPSC, or PHYS Expansive Core (recommended)	3	Expansive Core
PHIL 3250	3	Philosophy of Science
	<hr style="width: 100%; border: 0.5px solid black; margin-bottom: 5px;"/> 18	12

**SUMMARY: PROGRAM IN FOREIGN LANGUAGE EDUCATION
(GRADES K-12)**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6, FREN or SPAN 1010-1020)	
Essential Core	36
First Year Experience (2), African American 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), 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/SPAN 1010-1020/1020-2010/2010-2020 (6), FREN/SPAN 2010-2020/3010-3020/2020-3000-level (6); (Study Abroad option) FREN/SPAN (12) and FREN/SPAN 4050 or 4051 (3) OR (Study at Xavier option) SPAN 3001-3002 or Elective (6) and SPAN 3011-3012 or Elective (6) and SPAN 4051 or 4052 (3); FREN or SPAN 4033/4043 or 4051/4052 (3), FREN/SPAN 4080 (3), FREN or SPAN Elective (3), FREN/SPAN 4999 (0)	
Education	30
EDSC 3023 (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2025 (3), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4060S (0), EDUC 4090 (3)	
Other Required Courses**	
ENGL 2020 (3)	3
Free Electives	2
<hr style="border: 1px solid black;"/>	
Total Hours	125

*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.

PROGRAM IN MATH EDUCATION (GRADES 6-12)

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester 1 st	Semester 2 nd	
MATH 1070-2070 or 1070HN-2070HN	4	4	Intro. Calculus/Calculus II or Honors Calculus I/Honors Calculus II
EDUC 1000***	0		Teacher Prep
Communication Studies	3		Essential Core
CPSC 1710		3	Computer Science I
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
PHIL 2040		3	Logic
Physical Education (activity course)		1	Essential Core
STAT 2010		3	Statistical Methods I
	14	18	

SOPHOMORE YEAR

MATH 2030		3	Linear Algebra
MATH 2080	4		Calculus III
MATH 2550-2560	3	3	Discrete Structures I & II
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Intro. to Exceptional Children
EDUC 2044		3	Classroom Management
EDUC 2200		3	Multicultural Education
ENGL 2010	3		Essential Core
Foreign Language	3	3	Fundamental Core
Natural Science (with lab) (BIOL recommended)	3		Fundamental Core
	16	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.

MATH 2160L		1	Mathematics Technology Lab
MATH 4010	3		Modern Geometry
MATH 4030		3	History of Mathematics
MATH 4095/4095D	3		Abstract Algebra
EDSC 3023-3023M	3	3	Special Methods/Methods of Teaching Mathematics
EDUC 3005L		0	Praxis II
EDUC 3040	3		Essential Core
EDUC 4090		3	Adolescent Psychology
African American Studies		3	Essential Core
Fine Arts	3		Essential Core
Theology	3	3	Essential Core
	18	16	

SENIOR YEAR

MATH 4999	0	Senior Comprehensives
EDSC 4061T	9	Student Teaching
EDSC 4150	3	Teaching Reading in the Content Area
EDUC 4005S	0	Praxis Specialty Area
EDUC 4060S	0	Student Teaching Seminar
ECON 1030	3	Intro. to Economics
PHIL 3250	3	Philosophy of Science
CHEM, IPSC, or PHYS Expansive Core (recommended)	3	Expansive Core
Expansive Core	3	Expansive Core
Free Electives	4	
	16	12

SUMMARY: PROGRAM IN MATH EDUCATION (GRADES 6-12)

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1070), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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) (1), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2160L (1), MATH 2550 (3), MATH 2560 (3), MATH 4010 (3), MATH 4030 (3), MATH 4095/4095D (3), MATH 4999 (0); STAT 2010 (3)	
Education	33
EDSC 3023 (3), EDSC 3023M (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005R (0), EDUC 2005W (0), EDUC 2005M (0), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	
Free Electives	4
	Total Hours 128

*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.

PROGRAM IN MIDDLE SCHOOL EDUCATION
Math and Science Focus Areas
(GRADES 4-8)

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
EDUC 1000***		0	Teacher Prep
BIOL 1030/1030L	3		General Biology (non-majors)
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
GEOG 1010		3	World Geography
Freshman Seminar	1	1	First Year Experience
HIST 1030 or 1040	3		World Civilizations
IPSC 2010		4	Integrated Physical Science
MATH 1010-1015	3	3	Prin. Of Modern Math./College Alg.
Physical Education (activity course)	1		Essential Core
PSCI 1020		3	American Government
	17	17	

SOPHOMORE YEAR

EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
African American Studies	3		Essential Core
ART 2090 or MUME 2013		3	Art Essentials for Teachers or Elem. Classroom Music
CHEM 1500	3		Environmental Chemistry
ENGL 2010	3		Intro. to World Literature
Foreign Language	3	3	Fundamental Core
IPSC 2020		3	Earth Science
MATH 2015-2025	3	3	Geometry/Finite Math.
	18	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.

EDEL 3050A-B	3	3	Meth. & Materials in the Tchg. of Rdg.
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Essential Core
EDUC 3200	3		Middle School Teaching Strategies
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
CPSC and ENGL Expansive Core (recommended)	3	3	Expansive Core
HIST 3040		3	History of Louisiana
Philosophy	3		Essential Core
STAT 1020	3		Statistical Methods
STAT 2150L		1	Statistics Technology Lab
Theology		3	Essential Core
	18	16	

SENIOR YEAR			
EDEL 3071-3081	3	3	Curriculum Applications I-II
EDSC 4061T		9	Student Teaching
EDUC 4030	3		Educational Measurement & Eval.
EDUC 4060S		0	Student Teaching Seminar
EDUC 4999		0	Senior Comprehensives
IPSC 4010	3		Advanced Earth Science
PHIL 3250	3		Philosophy of Science
Theology	3		Essential Core
	15	12	

SUMMARY: PROGRAM IN MIDDLE SCHOOL EDUCATION (GRADES 4-8)

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010, Natural Science (3, BIOL 1030/1030L), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3, ART 2090 or MUME 2013), History (3, HIST 1030 or 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 (3), EDEL 3050B (3), EDEL 3071 (3), EDEL 3081 (3); EDSC 4061T (9), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 3200 (3), EDUC 4005S (0), EDUC 4030 (3), EDUC 4060S (0), EDUC 4090 (3), EDUC 4999 (0)	
Other Required Courses**	29
CHEM 1500 (3), GEOG 1010 (3), HIST 3040 (3); IPSC 2010 (4), IPSC 2020 (3), IPSC 4010 (3), MATH 2015 (3), MATH 2025 (3); STAT 1020 (3), STAT 2150L (1)	
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.

**PROGRAM IN MUSIC EDUCATION
INSTRUMENTAL OR VOCAL SUPERVISION**

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
MUAP Applied	2	2	Major Applied Study
MUAP Applied Piano	1	1	
MUEN 1310U-1320U or 1910S-1920S	1	1	Ensemble: University Chorus or Symphonic Band
MURE 1070A-1070B	0	0	Recital Class
MUSH 1050-1070	3	3	Intro. to Music History & Lit. I-II
MUST 1030/1030L-1040/1040L	4	4	Music Theory I-II
EDUC 1000		0	Teacher Prep
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1010-1020		3	Modern Math/Basic Statistics I
	15	18	

SOPHOMORE YEAR

MUAP Applied	2	2	Major Applied Study
MUAP Applied Piano	1	0	Secondary Piano
MUEN 2310U-2320U or 2910S-2920S	1	1	Ensemble: University Chorus or Symphonic Band
MURE 2070A-2070B	0	0	Recital Class
MUSM 2010-2020	1	1	Fdns. in Functional Musicianship I-II
MUST 2030/2030L-2040/2040L	4	4	Music Theory III-IV
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
ENGL 2010	3		World Literature
Philosophy		3	Essential Core
Physical Education (activity course)		1	Essential Core
	15	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.

MUAP Applied	2	1	Major Applied Study
MUEN 3331CG, 3351O or 3331B, 3331W, 3331CE	1	1	Ensemble: Cont. Grp., Op. Wk. or Br. Ens., WW Ens., Cha Ens.
MUME 3021		3	Methods of Teaching Music K-12
MURE 3070A-3070B	0	0	Recital Class
MUSM 2180-3180	2	2	Elementary/Advanced Conducting
MUSM 3010-4010	1	1	Fdns. in Functional Musicianship III-IV
MUST 3090		2	Orchestration
EDSC 3023	3		Special Methods
EDUC 3005L		0	Praxis PLT
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
EDUC 2025	3		Child Psychology
African American Studies	3		Essential Core
History	3		Essential Core
Theology		3	Essential Core
	18	16	

SENIOR YEAR

CMST 1010	3		Fundamentals of Public Speaking
PHIL 3250	3		Philosophy of Science
PHYS 1530	3		How Things Work
MURE 4070A-4070B	0	0	Recital Class
Theology	3	3	Essential Core
MUME 4061T		9	Student Teaching
EDSC 4150		3	Teaching Rdg. in Content Area
EDUC 3040	3		Educational Psychology
MUME 4060S		0	Student Teaching Seminar
BIOL 1030/1030	3		Fundamental Core
Social Science	0	3	Essential Core
	18	18	

**SUMMARY: PROGRAM IN MUSIC EDUCATION
INSTRUMENTAL OR VOCAL SUPERVISION**

Fundamental Core	12
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L),	
Essential Core	30
First Year Experience (2), African American Studies (3), Communication (3), History (3), Natural Science (3, MATH 1020), Philosophy (6, including PHIL 3250), Physical Education (1, activity course), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*	
Major**	70
MUAP Major Applied Study (11), MUAP Applied Piano (3), MUEN 1310U-1320U or 1910S-1920S (2), MUEN 2310U-2320U or 2910S-2920S (2), MUEN 3310U-3320U or 3910S-3920S (2), MUME 2044 (3), MUME 3021 (3), MUME 3023, MURE 1070A-1070B (0), MURE 2070A-2070B (0), MURE 3070A-3070B (0), MURE 4070A-4070B (0), MUSH 1050 (3), MUSH 1070 (3), MUSM 2010-2020 (2), MUSM 2180 (2), MUSM 3010 (1), MUSM 3180 (2), MUSM 4010 (1), MUST 1030/1030L (4), MUST 1040/1040L (4), MUST 2030/2030L (4), MUST 2040/2040L (4), MUST 3090 (2); MUME 4061T (9)	
Education	18
EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2025 (3), EDUC 2200 (3), EDUC 2040 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0); EDUC 4060S (0), EDUC 4090 (3)	
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.

**PROGRAM IN SOCIAL STUDIES EDUCATION
(GRADES 6-12)**

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
HIST 1030-1040 (or 1031H-1041H)	3	3	World Civilizations
EDUC 1000		0	Teacher Prep
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
MATH 1010-1020	3	3	Modern Math/Basic Statistics I
Physical Education (activity course)		1	Essential Core
	<hr/>	<hr/>	
	16	17	

SOPHOMORE YEAR

HIST 2010-2020	3	3	U.S. History
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Intro. to Exceptional Children
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
BIOL 1030/1030L	3		General Biology (non-majors)
ECON 2010-2020	3	3	Micro Economics/Macro Economics
ENGL 2010	3		Intro. to World Literature
GEOG 1010		3	World Geography
PSCI 1020		3	American Government
	15	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.

HIST 2600		3	Africa and the World
HIST 3350-3360	3	3	African American History I-II
HIST 4415S		3	Seminar in Historical Research
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Educational Psychology
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
African American Studies	3		Essential Core
Expansive Core	3		Expansive Core
Philosophy		3	Essential Core
PSCI 3010	3		Comparative Politics
Theology	3		Essential Core
	18	15	

SENIOR YEAR

HIST 3040	3		History of Louisiana
EDSC 3023S		3	Methods of Tchng. Hist. & Soc. Stud.
EDSC 4061T		9	Student Teaching
EDSC 4150		3	Teaching Rdg. in Content Area
EDUC 4060S		0	Student Teaching Seminar
EDUC 4999	0		Senior Comprehensives
BIOL, CHEM, IPSC, or PHYS	3		Expansive Core
Expansive Core (recommended)			
GEOG 3010	3		Regional Geography
PHIL 3250	3		Philosophy of Science
Theology	3		Essential Core
	15	15	

**SUMMARY: PROGRAM IN SOCIAL STUDIES EDUCATION
(GRADES 6-12)**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3, HIST 1030/1031H), 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 1040/1041H (3), HIST 2010 (3), HIST 2020 (3), HIST 2600 (3), HIST 3040 (3), HIST 3350 (3), HIST 3360 (3), HIST 4415S (3); ECON 2010 (3), ECON 2020 (3); GEOG 1010 (3), GEOG 3010 (3); PSCI 3010 (3)	
Education	30
EDSC 3023S (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3), EDUC 4999 (0)	
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.

DEPARTMENT OF ENGLISH

Admin Annex 204 — (504) 520-5158 — <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 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 1000/1010-1020 and 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 1010/1000-1020 (or 1023H), 2010 (or 2011H), 2070, 2080, 3160, 3170, 3400, one AFAM literature course (3185, 3280, or 3290), one world literature course beyond 2010 (2020, 3175, or 3275), one English literature course pre-1800 (3010, 3021, or 3070), one English literature course post-1800 (3210, 3221, or 3270), one advanced language/composition course (2200, 3135, or 3150), one English elective, and two 4000-level English seminars.

Minor in English – Students electing English as a minor must earn 18 hours of English beyond English 1000/1010-1020. ENGL 2010 (2011H) and 2020 are required and count toward the 18 hours of the minor.

Honors in English – ENGL 1023H and 2011H satisfy the core curriculum requirements in English composition, introduction to literature, and world literature (the equivalent of ENGL 1010, 1020, and 2010). Upon receiving a grade of "C" or better in the Freshman Honors English Sequence (ENGL 1023H and 2011H), the student will receive 3 semester hours of credit for ENGL 1010. ENGL 1020 and 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, 2011H, and an additional 3 semester hours at 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 English 1010 may also qualify for the honors sequence. A student with credit in other than AP programs should consult the chair of English 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 minorng 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 English 1010 or 1020. Students must have taken the essay portion of the exam as well as the objective portion and must meet with the department chair for advising no later than the last day of registration to determine from which course(s) they may be exempt.

MINOR IN CREATIVE WRITING

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 them for careers 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:

CRWT 1050	Introduction to Creative Writing
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At least two of the following:

CRWT 2050	Poetry Workshop
CRWT 2060	Fiction Workshop
CRWT 2070	Creative Nonfiction
CRWT 2080	Dramatic Writing

At least one of the following:

CRWT 3060	Special Topics
CRWT 4050	Writing Seminar
CRWT 4060	Creative Thesis

CRWT/ENGL 2141, 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.

PROGRAM IN ENGLISH

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
ENGL 1000/1010-1020	3	3	English Composition
Communication Studies	3		Essential Core
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
History	3		World Civilizations
Mathematics	3		Fundamental Core
Philosophy		3	Essential Core
Physical Education (activity course)	1		Essential Core
Social Science		3	Essential Core
Theology		3	Essential
	17	16	

SOPHOMORE YEAR

ENGL 2010	3		Intro. to World Literature I
ENGL 2070-2080	3	3	Survey of British Literature
ENGL 2020 or Free Elective or Minor*		3	Intro. to World Literature II/Free Elective/Minor
ENGL 2200 or Free Elective or Minor**		3	Modern English Grammars/Free Elective/Minor
African American Studies	3		Essential Core
Fine Arts		3	Essential Core
Natural Science (with lab)	3	3	Fundamental Core
Philosophy	3		Essential Core
	15	15	

*Students may take ENGL 2020 in the sophomore year or in the senior year take either 3175 or 3275.

**Students may take ENGL 2200 in the sophomore year or in the junior year they may take either 3135 or 3150.

JUNIOR YEAR

ENGL 3160-3170	3	3	Survey of American Literature
ENGL 3010 or 3021 or 3070	3		Pre-1800 English Literature
ENGL 3210 or 3221 or 3270		3	Post-1800 English Literature
ENGL 3185 or 3280 or 3290		3	African American Literature
ENGL 3135 or 3150 or Free Elective or Minor***	3		Language/Adv. Writing/Free Elective/Minor
Expansive Core	3		Expansive Core
Free Electives	3	3	
Minor	3		
Theology		3	Essential Core
	18	15	

***If a student has taken ENGL 2200, 3135 or 3150 need not be taken.

SENIOR YEAR

ENGL 3400		3	Literary Criticism and Theory
ENGL 3175 or 3275 or Free Elective or Minor***	3		World Literature or Free Elective/Minor
ENGL 4010S, 4020S, 4030S, 4040S, 4050S, or 4060S	3	3	Seminar
ENGL Elective	3		English
ENGL 4999		0	Senior Comprehensives
Expansive Core	3		Expansive Core
Free Electives or Minor	5	9	
	17	15	

****If a student has taken ENGL 2020, 3175 or 3275 need not be taken.

SUMMARY: PROGRAM IN ENGLISH

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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 2010/2011H (3), ENGL 2070 (3), ENGL 2080 (3), ENGL 3160 (3), ENGL 3170 (3), ENGL 3400 (3), ENGL 2020 or 3175 or 3275 (3), ENGL 2200 or 3135 or 3150 (3), ENGL 3010 or 3021 or 3070 (3), ENGL 3185 or 3280 or 3290 (3), ENGL 3210 or 3221 or 3270 (3), ENGL elective (3), ENGL 4000-level seminars (6), ENGL 4999 (0)	
Minor	18
Free Electives	11
Total Hours	128

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

**PROGRAM IN ENGLISH/ENGLISH EDUCATION
(GRADES 6-12)**

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
ENGL 1000/1010-1020	3	3	English Composition
EDUC 1000		0	Teacher Prep
BIOL 1030/1030L	3		General Biology (non-majors)
Communication Studies	3		Essential Core
Fine Arts		3	Essential Core
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
History		3	Essential Core
MATH 1010-1020	3	3	Modern Math/Basic Statistics I
Physical Education (activity course)	1		Essential Core
	17	16	

SOPHOMORE YEAR

ENGL 2010-2020	3	3	Intro. to World Literature I – II
ENGL 2070-2080	3	3	Survey of British Literature I – II
ENGL 2200	3		Modern English Grammars
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
African American Studies		3	Essential Core
Philosophy	3		Essential Core
Social Science		3	Essential Core
Theology	3		Essential Core
	18	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.

ENGL 3040 or 3050	3		Shakespeare
ENGL 3160-3170	3	3	Survey of American Literature I-II
ENGL 3310	3		Rhetoric, Comp & Tchng.of Writing
ENGL 3320		3	Critical Approaches to Teaching Lit.
ENGL Electives*	3	3	English
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Essential Core
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
Expansive Core		3	Expansive Core
	15	15	

*Six total hours must be chosen from two of the following groups: (1) ENGL 3185, 3280, 3290; (2) ENGL 3010, 3021, 3070; (3) ENGL 3210, 3221, 3270.

SENIOR YEAR

ENGL 3135	3		Language: History and Theory
ENGL 4010S, 4020S, 4030S, 4040S, 4050S, or 4060S	3	3	Seminar
ENGL Elective	3		English
ENGL 4999		0	Senior Comprehensives
EDSC 4061T		9	Student Teaching
EDUC 4060S		0	Student Teaching Seminar
BIOL, CHEM, IPSC, or PHYS	3		Expansive Core
Expansive Core (recommended)			
PHIL 3250	3		Essential Core
	15	12	

**SUMMARY: PROGRAM IN ENGLISH/ENGLISH EDUCATION
(GRADES 6-12)**

Fundamental Core	English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6)	18
Essential Core	First Year Experience (2), African American 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), Theology (6), World Literature (3, ENGL 2010)	36
Expansive Core	Including one BIOL, CHEM, IPSC, or PHYS Expansive Core course (3) (recommended)*	6
Major**	ENGL 2020 (3), ENGL 2070 (3), ENGL 2080 (3), ENGL 2200 (3), ENGL 3040 or 3050 (3), ENGL 3135 (3), ENGL 3160 (3), ENGL 3170 (3), ENGL 3310 (3), ENGL 3320 (3); ENGL 3185 or 3280 or 3290 (group 1) OR ENGL 3010 or 3021 or 3070 (group 2) OR ENGL 3210 or 3221 or 3270 (group 3) (6 total hours from 2 of the preceding groups); ENGL elective (3), ENGL 4000-level seminars (6), ENGL 4999 (0)	45
Education	EDSC 4061T (9), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	21
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.

DEPARTMENT OF HISTORY

Administration Building 212 — (504) 520-7581 — <http://www.xula.edu/history>

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.

Major in History – Students who major in history must earn 36 hours in history. Of these 36 hours, the following are required: HIST 2010, 2020, 2415, and 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. At least one of these courses must be at the 4000 level. 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.

Minor in History – 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.

Major in Social Studies Education – Students who major in Social Studies Education must earn 27 hours in history. The following are required: HIST1030 or 1031H, 1040 or 1041H, 2010, 2020, 2600, 3040, 3350, 3360, and 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.

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 departmental chair.

PROGRAM IN HISTORY

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
HIST 1000-level or higher	3	3	History
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
Mathematics	3		Fundamental Core
Physical Education (activity course)		1	Essential Core
Social Science		3	Essential Core
	16	17	

SOPHOMORE YEAR

HIST 1000-level or higher		3	History
HIST 2010-2020	3	3	U.S. History
HIST 2415	3		Intro. to Historical Research & Writing
ENGL 2010-Literature	3	3	Intro. to World Literature I and ENGL Literature
Minor	3	3	
Natural Science (with lab)	3	3	Fundamental/Essential Core
Philosophy		3	Essential Core
	15	18	

JUNIOR YEAR

HIST 3000- or 4000-level*	3	6	History
African American Studies	3		Essential Core
Expansive Core	3	3	Expansive Core
Free Electives		3	
Minor	3		
Philosophy	3		Essential Core
Theology	3	3	Essential Core
	18	15	

SENIOR YEAR

HIST 3000- or 4000-level*	3	3	History
HIST 4415S	3		Seminar in Historical Research
HIST 4999		0	Senior Comprehensives
Free Electives	3	8	
Minor	6	3	
	15	14	

*See summary table below for distribution requirements for these courses.

SUMMARY: PROGRAM IN HISTORY

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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*	36
HIST 1000-level or higher (9)*, HIST 2010 (3), HIST 2020 (3), HIST 2415 (3), 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 (3), HIST 4999 (0); ENGL Literature (3)	
Free Electives	14
Minor	18
	Total Hours 128

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

**At least one 4000-level course is required among these four regionally identified offerings.

**PROGRAM IN SOCIAL STUDIES EDUCATION
(GRADES 6-12)**

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
HIST 1030-1040 (or 1031H-1041H)	3	3	World Civilizations
EDUC 1000		0	Teacher Prep
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
MATH 1010-1020	3	3	Modern Math/Basic Statistics I
Physical Education (activity course)		1	Essential Core
	<hr/>	<hr/>	
	16	17	

SOPHOMORE YEAR

HIST 2010-2020	3	3	U.S. History
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Intro. to Exceptional Children
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
BIOL 1030/1030L	3		General Biology (non-majors)
ECON 2010-2020	3	3	Micro Economics/Macro Economics
ENGL 2010	3		Intro. to World Literature
GEOG 1010		3	World Geography
PSCI 1020		3	American Government
	<hr/>	<hr/>	
	15	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.

HIST 2600		3	Africa and the World
HIST 3350-3360	3	3	African American History I-II
HIST 4415S		3	Seminar in Historical Research
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Educational Psychology
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
African American Studies	3		Essential Core
Expansive Core	3		Expansive Core
Philosophy		3	Essential Core
PSCI 3010	3		Comparative Politics
Theology	3		Essential Core
	<hr/>	<hr/>	
	18	15	

SENIOR YEAR

HIST 3040	3	History of Louisiana
EDSC 3023S	3	Methods of Tchng. Hist. & Soc. Stud.
EDSC 4061T	9	Student Teaching
EDSC 4150	3	Teaching Rdg. in Content Area
EDUC 4060S	0	Student Teaching Seminar
EDUC 4999	0	Senior Comprehensives
BIOL, CHEM, IPSC, or PHYS Expansive Core (recommended)	3	Expansive Core
GEOG 3010	3	Regional Geography
PHIL 3250	3	Philosophy of Science
Theology	3	Essential Core
	15	15

**SUMMARY: PROGRAM IN SOCIAL STUDIES EDUCATION
(GRADES 6-12)**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3, HIST 1030/1031H), 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 1040/1041H (3), HIST 2010 (3), HIST 2020 (3), HIST 2600 (3), HIST 3040 (3), HIST 3350 (3), HIST 3360 (3), HIST 4415S (3); ECON 2010 (3), ECON 2020 (3); GEOG 1010 (3), GEOG 3010 (3); PSCI 3010 (3)	
Education	30
EDSC 3023S (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3), EDUC 4999 (0)	
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.

LANGUAGES DEPARTMENT

Library 549 — (504) 520-7495 — <http://www.xula.edu/languages>

DEPARTMENT OF LANGUAGES MISSION STATEMENT

Taking as our most fundamental principle the creation of a more just and humane society, the Department of Languages exemplifies a pluralistic teaching and learning environment through the example of our diversity. We infuse our courses with a multicultural, multiethnic content, committing ourselves to counter 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 our own departmental diversity, our varied research interests, and our 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. We engage in the ongoing enhancement of our curricula and dedicate our efforts to making all our courses 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 French and Spanish and stresses their importance as bases for communication 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.

Our 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 French or Spanish courses in high school will take an online Department Placement Test. The Language placement process is found on the University website at:

http://www.xula.edu/cas/documents/lang_placement_pro.pdf.

In addition, the Language Placement Policy is located online at:

http://www.xula.edu/cas/documents/lang_placement.pdf.

THE PLACEMENT TEST MUST BE COMPLETED BEFORE THE STUDENT'S ARRIVAL AT THE UNIVERSITY. Placement will be contingent upon the **student's test score.**

Transfer students with previous language study at the 1020 level or above documented on the transcript will receive credit for 1010 in that language.

MAJORS AND MINORS

The Department of Languages offers majors and minors in French and Spanish, with additional study available in Mandarin, Japanese, Latin, and American Sign Language. 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 of Teachers of Foreign Languages (ACTFL).

Eighteen hours of major courses and 12 hours of minor courses must be completed at Xavier unless the student obtains permission from the department chair 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 attend all departmental meetings and 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. Minors are required to complete 18 hours of courses in one language, six hours of which must be at the 3000 level or above and should include a course on literature. 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.

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.

PROGRAM IN FRENCH OR SPANISH

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
FREN or SPAN 1010-1020 or 1090 or 2010-2020	3	3	Elem. or Intermed. Fren. or Span.
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
Mathematics	3	3	Fundamental Core/Mathematics
History	3		Essential Core
Physical Education (activity course)		1	Essential Core
Social Science		3	Essential Core
Theology		3	Essential Core
	16	17	

SOPHOMORE YEAR

FREN or SPAN 1090, 2010-2020, 3001-3002, or 3011-3012	3	3	Intermediate Fren. or Span.; Adv. Gram. & Comp.; or Adv. Conversation
African American Studies	3		Essential Core
ENGL 2010-2020 or other	3	3	Intro. to World Literature and 2020 or other ENGL course
Fine Arts		3	Essential Core
Minor	3	3	
Natural Science (with lab)	3	3	Fundamental/Essential Core
Philosophy		3	Essential Core
Theology	3		Essential Core
	18	18	

JUNIOR YEAR, With Study Abroad

FREN or SPAN (see advisor)	12		Study Abroad
Expansive Core		3	Expansive Core
Free Electives	4	6	
Minor		6	
Philosophy		3	Essential Core
	16	18	

JUNIOR YEAR, Without Study Abroad

FREN or SPAN 3001-3002 and/or 3011-3012 or Literature Elective	3	3	Adv. Gram. & Comp.; or Adv. Conversation
FREN or SPAN Literature Elective:	3	3	Lang. Literature Electives
Expansive Core	3		Expansive Core
Free Electives	6	4	
Minor	3	3	
Philosophy		3	Essential Core
	<hr/>	<hr/>	
	18	16	

SENIOR YEAR

FREN or SPAN 4050 or Literature Elective		3	Internship or Lang. Literature Elective
FREN or SPAN 4053 or Literature Elective	3		Literary Criticism
FREN or SPAN Literature Elective:	3	3	Lang. Literature Electives
FREN or SPAN 4999		0	Senior Comprehensives
Expansive Core	3		Expansive Core
Free Electives		4	
Minor	3	3	
	<hr/>	<hr/>	
	12	13	

SUMMARY: PROGRAM IN FRENCH OR SPANISH

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6, FREN or SPAN 1010-1020 or other)	
Essential Core	36
First Year Experience (2), African American 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/SPAN 1010-1020/1090 (6), FREN/SPAN 2010-2020 or 3001-3002 or 3011-3012 (6); (Study Abroad option:) FREN/SPAN (12) OR (Study at Xavier option:) FREN/SPAN 3001-3002 and/or FREN/SPAN 3011-3012 (6) and/or FREN/SPAN Literature Electives (6); FREN/SPAN 4050 or FREN/SPAN Literature Elective (3), FREN/SPAN 4053 or Elective (3), FREN/SPAN Literature Electives (6), FREN/SPAN 4999 (0); Department Requirements: ENGL 2020 or other ENGL course (3); MATH Elective (3)	
Minor	18
Free Electives	14
<hr/>	
Total Hours	128

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

**PROGRAM IN FOREIGN LANGUAGE EDUCATION (GRADES K-12)
(FRENCH OR SPANISH EDUCATION)**

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
FREN or SPAN 1010-1020; 1090, 1020-2010; or 2010-2020	3	3	Elementary or Intermed. Fren./Span.
EDUC 1000***		0	Teacher Prep
BIOL 1030/1030L	3		General Biology (non-majors)
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Freshman Seminar	1	1	First Year Experience
MATH 1010-1020	3	3	Modern Math/Basic Statistics I
History		3	Essential Core
Physical Education (activity course)	1		Essential Core
	<hr/> 17	<hr/> 16	

SOPHOMORE YEAR

FREN or SPAN 1090, 2010-2020; 3001-3002; or 2020 and 3000-level course	3	3	Intermediate Fren./Span.; Gram. & Comp.; or Intermed. Fren./Span. II & 3000-level course
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2025	3		Child Psychology
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2044	3		Classroom Management
EDUC 2200		3	Multicultural Education
African American Studies		3	Essential Core
ENGL 2010-2020	3	3	Intro. to World Literature
Free Elective	2		
Theology	3		Essential Core
	<hr/> 17	<hr/> 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.

THE FOLLOWING JUNIOR YEAR CURRICULUM IS **REQUIRED** FOR ALL FRENCH EDUCATION MAJORS. SPANISH EDUCATION MAJORS MAY ALSO OPT FOR THIS JUNIOR YEAR CURRICULUM.

FREN or SPAN (see advisor)	12		Study Abroad
FREN or SPAN 4050 or 4051		3	Internship or Special Topics
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Essential Core
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
Expansive Core		3	Expansive Core
Philosophy		3	Essential Core
Theology		3	Essential Core
	15	15	

THE FOLLOWING JUNIOR YEAR CURRICULUM IS FOR SPANISH EDUCATION MAJORS WHO **DO NOT** ELECT THE STUDY ABROAD OPTION ABOVE.

SPAN 3001 and 3002 or SPAN Elective	3	3	Gram. & Comp. or Spanish Elective
SPAN 3011 and 3012 or SPAN Elective	3	3	Adv. Conversation or Spanish Elective
SPAN 4051 or 4052		3	Special Topics
EDUC 3005L		0	Praxis PLT
EDUC 3040	3		Educational Psychology
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
Expansive Core		3	Expansive Core
Philosophy	3		Essential Core
Theology	3		Essential Core
	15	15	

SENIOR YEAR

FREN or SPAN 4033/4043 or 4051/4052	3		Directed Readings or Special Topics
FREN or SPAN 4080	3		Language Tchng. Methodology
FREN or SPAN Elective	3		French or Spanish
FREN or SPAN 4999	0		Senior Comprehensives
EDSC 3023	3		Special Methods
EDSC 4061T		9	Student Teaching
EDSC 4150		3	Teaching Reading in the Content Area
EDUC 4060S		0	Student Teaching Seminar
BIOL, CHEM, IPSC, or PHYS	3		Expansive Core
Expansive Core (recommended)			
PHIL 3250	3		Philosophy of Science
	18	12	

**SUMMARY: PROGRAM IN FOREIGN LANGUAGE EDUCATION
(GRADES K-12)**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6, FREN or SPAN 1010-1020 or other)	
Essential Core	36
First Year Experience (2), African American 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), 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/SPAN 1010-1020/1090 (6)/ or 2010-2020 (6), FREN/SPAN 2010-2020/3010-3020/2020-3000-level (6); (Study Abroad option) FREN/SPAN (12) and FREN/SPAN 4050, 4051, or Language Elective (3) OR (Study at Xavier option) SPAN 3001-3002 or Elective (6) and SPAN 3011-3012 or Elective (6); FREN or SPAN 4033/4043 or 4051/4052 (3) or Language Elective, FREN/SPAN 4080 (3), FREN or SPAN Elective (3), FREN/SPAN 4999 (0)	
Education	30
EDSC 3023 (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2025 (3), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4060S (0), EDUC 4090 (3)	
Other Required Courses**	
ENGL 2020 (3)	3
Free Electives	2
Total Hours	125

*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.

DEPARTMENT OF MATHEMATICS

Admin 317B — (504) 520-7461 — <http://www.xula.edu/math>

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, or sociology uniquely fits one for a number of career choices as well as for graduate school. A Mathematics major takes 42 semester hours of mathematics, 3 hours of statistics and 3 hours of computer science.

The Mathematics Education degree fulfills all the requirements for a state teaching certificate besides giving 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 31 semester hours of mathematics, 33 semester hours of education, 3 semester hours of statistics and 3 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.

Minor in Mathematics – The minor in mathematics consists of eighteen (18) semester hours of mathematics of which at least 8 must be at the 2000-level or above. The calculus sequence (MATH 1070-2070-2080) is strongly recommended as part of the minor program. Students planning to minor in mathematics should be advised by the mathematics chairperson or someone he or she designates as well as by their primary academic advisor.

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 10 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 this 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.

PROGRAM IN MATHEMATICS

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
MATH 1070-2070 or 1070HN-2070HN	4	4	Intro. Calculus/Calculus II or Honors Calculus I/Honors Calc II
STAT 2010		3	Expansive Core (recommended)
CPSC 1710		3	Computer Science I
Communication Studies	3		Essential Core
ENGL 1010 (or 1000)-1020	3	3	Fundamental Core
Freshmen Seminar	1	1	First Year Experience
PHIL 2040		3	Essential Core
Physical Education	1		Essential Core
Social Science	3		Essential Core
	15	17	

SOPHOMORE YEAR

MATH 2080	4		Calculus III
MATH 2030		3	Linear Algebra
MATH 2530		3	Differential Equations
MATH 2550-2560	3	3	Discrete Structures I & II
ENGL 2010	3		Essential Core
World Language	3	3	Fundamental Core
Minor*	3	3	
	16	15	

JUNIOR YEAR

MATH 2150L or 2160L		1	Math/Stat Technology Lab
MATH 4050-4060	3	3	Real Analysis I & II
Mathematics Elective**		3	
African American Studies		3	Essential Core
Fine Arts	3		Essential Core
History	3		Essential Core
Natural Science		3	Fundamental Core
Philosophy	3		Recommended: Bus. Ethics or Philosophy of Science
Minor*	3	3	
	15	16	

SENIOR YEAR

MATH 4095/4095D		3/0	Abstract Algebra/Drill
MATH 4511-4521	1	1	Colloquium
MATH 4999		0	Senior Comprehensives
Mathematics Elective**	3	3	
Expansive Core	3		Non-Science elective
Theology	3	3	Essential Core
Minor*	3	3	
Free Electives	4	4	
	17	17	

*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, 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.

**Mathematics elective must be mathematics or statistics course(s) at the 2000-level or above.

SUMMARY: PROGRAM IN MATHEMATICS

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1070), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, MATH 2070), 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 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2150L or 2160L (1), MATH 2530 (3), MATH 2550 (3), MATH 2560 (3), MATH 4050 (3), MATH 4060 (3), MATH 4095/4095D (3), MATH 4511 (1), MATH 4521 (1), MATH Electives (6), MATH 4999 (0); CPSC 1710 (3); STAT 2010**(3)	
Minor	18
Free Electives	11
<hr/>	
Total Hours	128

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

**STAT 2010 may be used to partially fulfill the Expansive Core requirement.

PROGRAM IN STATISTICS

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester		
STAT 2010		3	Statistical Methods I
MATH 1070-2070 or 1070HN-2070HN	4	4	Intro. Calculus/ Calculus II or Honors Calculus I/Honors Calc II
CPSC 1710		3	Computer Science I
Communication Studies	3		Essential Core
ENGL 1010 (or 1000)-1020	3	3	Fundamental Core.
Freshmen Seminar	1	1	First Year Experience
History	3		Essential Core
PHIL 2040		3	Essential Core
	14	17	

SOPHOMORE YEAR

STAT 2020		3	Statistical Methods II
MATH 2080	4		Calculus III
MATH 2030		3	Linear Algebra
MATH 2530		3	Differential Equations
MATH 2550-2560	3	3	Discrete Structures I & II
ENGL 2010	3		Essential Core
World Language	3	3	Fundamental Core
Physical Education	1		Essential Core
Theology	3	3	Essential Core
	17	18	

JUNIOR YEAR

STAT 2150L		1	Statistics Technology Lab
MATH 1070-2070 or 1070HN-2070HN	4	4	Intro. Calculus/ Calculus II or Honors Calculus
STAT 3010/3010D	3		Biostatistics & Drill
STAT 4040-4045	3	3	Mathematical Statistics I & II
STAT 4511-4521	1	1	Senior Colloquium
MATH 3040	3		Numerical Analysis
African America Studies		3	Essential Core
BIOL 1030/1030L – 1040/1040L	3	3	Fundamental Core
Expansive Core		3	Non-science elective
PHIL 2400		3	Essential Core
Free Electives	5	1	
	18	18	

SENIOR YEAR

STAT 4999		0	Senior Comprehensives
Fine Arts	3		Essential Core
Social Science		3	Essential Core
LSUHSC: BIOS 6221-6222	3	3	Biostatistical Methods I & II
LSUHSC: BIOS 6223-6224	3	3	Probability and Math. Stat. I & II
LSUHSC: BIOS 6264		3	Clinical Trials and Sequential Meth.
LSUHSC: EPID 6210	3		Principles of Epidemiology
LSUHSC: INT 220	1		Ethics in Biomedical Sciences
LSUHSC: INT 260		1	Responsible Conduct of Research
	13	13	

SUMMARY: PROGRAM IN STATISTICS

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1070), Natural Science (3, BIOL 1030), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, MATH 2070), 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
BIOL 1040** (3) and non-science elective	
Major*	42
MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2530 (3), MATH 2550 (3), MATH 2560 (3), MATH 3040 (3); STAT 2010 (3), STAT 2020 (3), STAT 2150L (1), STAT 3010 (3), STAT 4040 (3), STAT 4045 (3), STAT 4511 (1), STAT 4521 (1), STAT 4999 (0); BIOL 1030/1030L (3); BIOL 1040/1040L** (3); CPSC 1710 (3)	
LSUHSC Fourth-Year	20
Free Electives	6
Total Hours	128

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

**BIOL 1040/1040L may be used to partially fulfill the Expansive Core requirement.

SUMMARY OF M.S. PROGRAM AT LSUHSC

Biostatistical Methods and Theory	29
Biostatistics Seminar	2
Epidemiology	3
Ethics	2
Related Electives	2
Thesis Research	6
Total Semester Hours	44

PROGRAM IN MATH EDUCATION (GRADES 6-12)

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
MATH 1070-2070 or 1070HN-2070HN	4	4	Intro. Calculus/Calculus II or Honors Calculus I/Honors Calculus II
EDUC 1000	0		Teacher Prep
Communication Studies	3		Essential Core
CPSC 1710		3	Computer Science I
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
PHIL 2040		3	Logic
Physical Education (activity course)		1	Essential Core
STAT 2010		3	Statistical Methods I
	14	18	

SOPHOMORE YEAR

MATH 2030		3	Linear Algebra
MATH 2080	4		Calculus III
MATH 2550-2560	3	3	Discrete Structures I & II
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2040		3	Introduction to Exceptional Children
EDUC 2044		3	Classroom Management
EDUC 2200		3	Multicultural Education
ENGL 2010	3		Essential Core
Foreign Language	3	3	Fundamental Core
Natural Science (with lab) (BIOL recommended)	3		Fundamental Core
	16	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.

MATH 2160L		1	Mathematics Technology Lab
MATH 4010	3		Modern Geometry
MATH 4030		3	History of Mathematics
MATH 4095/4095D	3	0	Abstract Algebra
EDSC 3023-3023M	3	3	Special Methods/Methods of Teaching Mathematics
EDUC 3005L		0	Praxis II
EDUC 3040	3		Educational Psychology
EDUC 4090		3	Adolescent Psychology
African American Studies		3	Essential Core
Fine Arts	3		Essential Core
Theology	3	3	Essential Core
	18	16	

SENIOR YEAR

MATH 4999		0	Senior Comprehensives
EDSC 4061T		9	Student Teaching
EDSC 4150		3	Teaching Reading in the Content Area
EDUC 4005S		0	Praxis Specialty Area
EDUC 4060S		0	Student Teaching Seminar
ECON 1030	3		Intro. to Economics
PHIL 3250	3		Philosophy of Science
CHEM, IPSC, or PHYS Expansive Core (recommended)	3		Expansive Core
Expansive Core	3		Expansive Core
Free Electives	4		
	16	12	

**SUMMARY: PROGRAM IN MATH EDUCATION
(GRADES 6-12)**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1070), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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) (1), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2160L (1), MATH 2550 (3), MATH 2560 (3), MATH 4010 (3), MATH 4030 (3), MATH 4095/4095D (3), MATH 4999 (0); CPSC 1710 (3); STAT 2010 (3)	
Education	33
EDSC 3023 (3), EDSC 3023M (3), EDSC 4061T (9), EDSC 4150 (3), EDUC 1000 (0), EDUC 2005R (0), EDUC 2005W (0), EDUC 2005M (0), EDUC 2040 (3), EDUC 2044 (3), EDUC 2200 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0), EDUC 4060S (0), EDUC 4090 (3)	
Free Electives	4
Total Hours	128

*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.

DEPARTMENT OF MUSIC

Music Building Room 109 — (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 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 (See Education 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 chairperson 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 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 *3 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 careers.

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:
10. **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 to either give a Senior Recital or 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 chair. Approval for the final presentation will be given by the chair after consultation with the supervising faculty member.

1. 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 each semester.
3. The University Chorus and the Symphonic Band are the primary 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 chair 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 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.

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.

Minor in Music

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:

MUST 1030 and 1030L	4 semester hours
MUSH 1050 and 1070	6 semester hours
Major Applied Study*	2 semester hours
Ensemble Membership**	2 semester hours

*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.

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

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 chair 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.

PROGRAM IN MUSIC EDUCATION INSTRUMENTAL OR VOCAL SUPERVISION

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 section in this catalog for requirements to be formally admitted into Xavier's Teacher Education Program.

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
MUAP Applied	2	2	Major Applied Study
MUAP Applied Piano	1	1	
MUEN 1310U-1320U or 1910S-1920S	1	1	Ensemble: University Chorus or Symphonic Band
MURE 1070A-1070B	0	0	Recital Class
MUSH 1050-1070	3	3	Intro. to Music History & Lit. I-II
MUST 1030/1030L-1040/1040L	4	4	Music Theory I-II
EDUC 1000		0	Teacher Prep
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1010-1020		3	Modern Math/Basic Statistics I
	15	18	

SOPHOMORE YEAR

MUAP Applied	2	2	Major Applied Study
MUAP Applied Piano	1	0	Secondary Piano
MUEN 2310U-2320U or 2910S-2920S	1	1	Ensemble: University Chorus or Symphonic Band
MURE 2070A-2070B	0	0	Recital Class
MUSM 2010-2020	1	1	Fdns. in Functional Musicianship I II
MUST 2030/2030L-2040/2040L	4	4	Music Theory III-IV
EDUC 2040		3	Intro. to Exceptional Child
EDUC 2005R		0	Praxis PPST Reading
EDUC 2005W		0	Praxis PPST Writing
EDUC 2005M		0	Praxis PPST Math
EDUC 2044	3		Classroom Organ. and Mgmt.
EDUC 2200		3	Multicultural Education
ENGL 2010	3		World Literature
Philosophy		3	Essential Core
Physical Education (activity course)		1	Essential Core
	15	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.

MUAP Applied	2	1	Major Applied Study
MUEN 3331CG, 3351O or 3331B, 3331W, 3331CE	1	1	Ensemble: Cont. Grp., Op. Wk. or Br. Ens., WW Ens., Cha Ens.
MUME 3021		3	Methods of Teaching Music K-12
MURE 3070A-3070B	0	0	Recital Class
MUSM 2180-3180	2	2	Elementary/Advanced Conducting
MUSM 3010-4010	1	1	Fdns. in Functional Musicianship III-IV
MUST 3090		2	Orchestration
EDSC 3023	3		Special Methods
EDUC 3005L		0	Praxis PLT
EDUC 4005S		0	Praxis Specialty Area
EDUC 4090		3	Adolescent Psychology
EDUC 2025	3		Child Psychology
African American Studies	3		Essential Core
History	3		Essential Core
Theology		3	Essential Core
	18	16	

SENIOR YEAR

CMST 1010	3		Fundamentals of Public Speaking
PHIL 3250	3		Philosophy of Science
PHYS 1530	3		How Things Work
MURE 4070A-4070B	0	0	Recital Class
Theology	3	3	Essential Core
MUME 4061T		9	Student Teaching
EDSC 4150		3	Teaching Rdg. in Content Area
EDUC 3040	3		Educational Psychology
MUME 4060S		0	Student Teaching Seminar
BIOL 1030/1030	3		Fundamental Core
Social Science	0	3	Essential Core
	18	18	

**SUMMARY: PROGRAM IN MUSIC EDUCATION
INSTRUMENTAL OR VOCAL SUPERVISION**

Fundamental Core		18
	English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010), Natural Science (3, BIOL 1030/1030L), World Language (6)	
Essential Core		36
	First Year Experience (2), African American 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**		70
	MUAP Major Applied Study (11), MUAP Applied Piano (3), MUEN 1310U-1320U or 1910S-1920S (2), MUEN 2310U-2320U or 2910S-2920S (2), MUEN 3310U-3320U or 3910S-3920S (2), MUEN 4310U-4320U or 4910S-4920S (2), MUME 3021 (3), MURE 1070A-1070B (0), MURE 2070A-2070B (0), MURE 3070A-3070B (0), MURE 4070A-4070B (0), MUSH 1070 (3), MUSM 2010-2020 (2), MUSM 2180 (2), MUSM 3010 (1), MUSM 3180 (2), MUSM 4010 (1), MUST 1030/1030L (4), MUST 1040/1040L (4), MUST 2030/2030L (4), MUST 2040/2040L (4), MUST 3090 (2); MUME 4061T (9)	
Education		18
	EDSC 4150 (3), EDUC 1000 (0), EDUC 2005 R/W/M (0, Praxis), EDUC 2025 (3), EDUC 2200 (3), EDUC 2044 (3), EDUC 3005L (0), EDUC 3040 (3), EDUC 4005S (0); EDUC 4060S (0), EDUC 4090 (3)	
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.

PROGRAM IN MUSIC LIBERAL ARTS (B.A.)

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
MUAP Applied	2	2	Major Applied Study
MUEN Ensemble	1	1	Ensemble: Vocal/Instrumental Req
MURE 1070A-1070B	0	0	Recital Class
MUSH 1050		3	Intro. to Music History & Lit. I
MUST 1030/1030L-1040/1040L	4	4	Music Theory I-II
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
Mathematics	3		Fundamental Core
Physical Education (activity course)		1	Essential Core
	14	15	

SOPHOMORE YEAR

MUAP Applied	2	2	Major Applied Study
MUEN Ensemble	1	1	Ensemble: Vocal/Instrumental Req
MURE 2070A-2070B	0	0	Recital Class
MUSH 1070	3		Intro. To Music History & Lit. II
MUSM 2180	2		Elementary Conducting
MUST 2030/2030L-2040/2040L	4	4	Music Theory III-IV
African American Studies		3	Essential Core
Communication Studies	3		Essential Core
History		3	Essential Core
Natural Science (with lab)	3	3	Fundamental/Essential Core
	18	16	

JUNIOR YEAR

MUAP Applied	2	2	Major Applied Study
MUEN Ensemble	1	1	Ensemble: Vocal/Instrumental Req
MURE 3070A-3070B	0	0	Recital Class
MUSH 2050 or 3050	3		Music History I or III
MUSM 4010		1	Fdns. Functional Musicianship IV
MUST 3090		2	Orchestration
ENGL 2010	3		Intro. To World Literature
Expansive Core	3	3	Expansive Core
Minor		6	
Philosophy	3		Essential Core
Social Science	3		Essential Core
Theology		3	Essential Core
	18	18	

SENIOR YEAR

MUAP Applied	2	2	Piano, Voice, or Instrument
MUEN Ensemble	1	1	Ensemble: Vocal/Instrument Req
MURE 4070A-4070B	0	0	Recital Class
MUSH 2060 or 3060		3	Music History II or IV
MUSM 4999		0	Senior Comprehensives
MUST 3030	2		Counterpoint
MUST 3111		2	Composition I
MUST 4030	2		Analytical Techniques I
Minor	6	6	
Philosophy	3		
Theology		3	Essential Core
	16	17	

SUMMARY: PROGRAM IN MUSIC LIBERAL ARTS (B.A.)

Fundamental Core	12
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1010 or 1020), Natural Science (3)	
Essential Core	36
First Year Experience (2), African American 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-1070B (0), MURE 2070A-2070B (0), MURE 3070A-3070B (0), MURE 4070A-4070B (0), MUSH 1050 (3), MUSH 1070 (3), MUSH 2050 or 3050 (3), MUSH 2060 or 3060 (3), MUSM 2180 (2), MUSM 4010 (1), MUSM 4999 (0), MUST 1030/1030L (4), MUST 1040/1040L (4), MUST 2030/2030L (4), MUST 2040/2040L (4), MUST 3030 (2), MUST 3090 (2), MUST 3111 (2), MUST 4030 (2)	
Minor	18
Total Hours	132

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

**PROGRAM IN MUSIC PERFORMANCE
INSTRUMENTAL (MAJOR APPLIED)**

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
MUAP 1632-1642	2	2	Applied Major Instrument
MUAP 1531P-1541P	1	1	Applied Piano (Secondary)
MUEN 1910S-1920S	1	1	Ensemble: Symphonic Band
MURE 1070A-1070B	0	0	Recital Class
MUSH 1050		3	Intro. To Music History & Lit. I
MUST 1030/1030L-1040/1040L	4	4	Music Theory I-II
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
Mathematics	3		Fundamental Core
	<hr/>	<hr/>	
	15	15	

SOPHOMORE YEAR

MUAP 2632-2642	2	2	Applied Major Instrument
MUAP 2531P-2541P	1	1	Applied Piano (Secondary)
MUEN 2910S-2920S	1	1	Ensemble: Symphonic Band
MURE 2070A-2070B	0	0	Recital Class
MUSH 1070	3		Intro. To Music History & Lit. II
MUSM 2180-3180	2	2	Elementary/Advanced Conducting
MUST 2030/2030L-2040/2040L	4	4	Music Theory III-IV
African American Studies		3	Essential Core
Communication Studies	3		Essential Core
History		3	Essential Core
Physical Education (activity course)	1		Essential Core
	<hr/>	<hr/>	
	17	16	

JUNIOR YEAR

MUAP 3733-3743	3	3	Applied Major Instrument
MUEN 3910S-3920S	1	1	Ensemble: Symphonic Band
MURE 3000		0	Junior Recital
MURE 3070A-3070B	0	0	Recital Class
MUSH 2050 or 2060 or 3050 or 3060		3	Music History I/II/III/IV
MUSM 4010		1	Fdns. In Functional Musicianship IV
MUSM 4250-4260	2	2	Applied Maj. Instr.Ped. & Lit. I-II
MUST 3030	2		Counterpoint
MUST 3090		2	Orchestration
ENGL 2010	3		Intro. To World Literature
Natural Science (with lab)	3	3	Fundamental/Essential Core
Philosophy	3		Essential Core
Theology		3	Essential Core
	<hr/>	<hr/>	
	17	18	

SENIOR YEAR

MUAP 4834-4844	4	4	Applied Major Instrument
MUEN 4910S-4920S	1	1	Ensemble: Symphonic Band
MURE 4000		0	Senior Recital
MURE 4070A-4070B	0	0	Recital Class
MUST 3111		2	Composition I
MUST 4030-4040	2	2	Analytical Techniques I-II
Expansive Core	3	3	Expansive Core
Philosophy	3		Essential Core
Social Science	3		Essential Core
Theology		3	Essential Core
	<hr/>	<hr/>	
	16	15	

**SUMMARY: PROGRAM IN MUSIC PERFORMANCE
INSTRUMENTAL (MAJOR APPLIED)**

Fundamental Core	12
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3)	
Essential Core	36
First Year Experience (2), African American 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 1531P (1), MUAP 1541P (1), MUAP 1632 (2), MUAP 1642 (2), MUAP 2531P (1), MUAP 2541P (1), MUAP 2632 (2), MUAP 2642 (2), MUAP 3733 (3), MUAP 3743 (3), MUAP 4834 (4), MUAP 4844 (4)	
Music (Ensemble)	8
MUEN 1910S (1), MUEN 1920S (1), MUEN 2910S (1), MUEN 2920S (1), MUEN 3910S (1), MUEN 3920S (1), MUEN 4910S (1), MUEN 4920S (1)	
Music (History)*	6
MUSH 1050 (3), MUSH 1070 (3), MUSH 2050 or 2060 or 3050 or 3060 (3)	
Music (Musicianship)	35
MURE 1070A-1070B (0), MURE 2070A-2070B (0), MURE 3000 (0), MURE 3070A-3070B (0), MURE 4000 (0) MURE 4070A-4070B (0); MUSM 2180 (2), MUSM 3180 (2), MUSM 4010 (1), MUSM 4250 (2), MUSM 4260 (2); MUST 1030/1030L (4), MUST 1040/1040L (4), MUST 2030/2030L (4), MUST 2040/2040L (4), MUST 3030 (2), MUST 3090 (2), MUST 3111 (2), MUST 4030 (2), MUST 4040 (2)	
Total Hours	129

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

PROGRAM IN MUSIC PERFORMANCE - PIANO

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
MUAP 1733P-1743P	3	3	Applied Piano
MUEN 1310U-1320U	1	1	Ensemble: University Chorus
MURE 1070A-1070B	0	0	Recital Class
MUSH 1050		3	Intro. To Music History & Lit. I
MUST 1030/1030L-1040/1040L	4	4	Music Theory I-II
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
Mathematics	3		Fundamental Core
	15	15	

SOPHOMORE YEAR

MUAP 2733P-2743P	3	3	Applied Piano
MUEN 2310U-2320U	1	1	Ensemble: University Chorus
MURE 2070A-2070B	0	0	Recital Class
MUSH 1070	3		Intro. To Music History & Lit. II
MUSM 2180-3180	2	2	Elementary/Advanced Conducting
MUST 2030/2030L-2040/2040L	4	4	Music Theory III-IV
African American Studies		3	Essential Core
Communication Studies	3		Essential Core
History		3	Essential Core
Physical Education (activity course)	1		Essential Core
	17	16	

JUNIOR YEAR

MUAP 3733P-3743P	3	3	Applied Piano
MUEN Elective	1	1	Ensemble Elective
MURE 3000		0	Junior Recital
MURE 3070A-3070B	0	0	Recital Class
MUSH 2050 or 2060 or 3050 or 3060		3	Music History I/II/III/IV
MUSM 4010		1	Fdns. In Functional Musicianship IV
MUSM 4270-4280	2	2	Applied Maj. Instr.Ped. & Lit. I-II
MUST 3030	2		Counterpoint
MUST 3090		2	Orchestration
ENGL 2010	3		Intro. To World Literature
Natural Science (with lab)	3	3	Fundamental/Essential Core
Philosophy	3		Essential Core
Theology		3	Essential Core
	17	18	

SENIOR YEAR

MUAP 4834P-4844P	4	4	Applied Piano
MUEN Elective	1	1	Ensemble Elective
MURE 4000		0	Senior Recital
MURE 4070A-4070B	0	0	Recital Class
MUST 3111		2	Composition I
MUST 4030-4040	2	2	Analytical Techniques I-II
Expansive Core	3	3	Expansive Core
Philosophy	3		Essential Core
Social Science	3		Essential Core
Theology		3	Essential Core
	16	15	

SUMMARY: PROGRAM IN MUSIC PERFORMANCE - PIANO

Fundamental Core	12
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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 1733P (3), MUAP 1743P (3), MUAP 2733P (3), MUAP 2743P (3), MUAP 3733P (3), MUAP 3743P (3), MUAP 4834P (4), MUAP 4844P (4)	
Music (Ensemble)	8
MUEN 1310U (1), MUEN 1320U (1), MUEN 2310U (1), MUEN 2320U (1), MUEN Electives (4)	
Music (History)*	6
MUSH 1050 (3), MUSH 1070 (3), MUSH 2050 or 2060 or 3050 or 3060 (3)	
Music (Musicianship)	35
MURE 1070A-1070B (0), MURE 2070A-2070B (0), MURE 3000 (0), MURE 3070A-3070B (0), MURE 4000 (0) MURE 4070A-4070B (0); MUSM 2180 (2), MUSM 3180 (2), MUSM 4010 (1), MUSM 4250 (2), MUSM 4260 (2); MUST 1030/1030L (4), MUST 1040/1040L (4), MUST 2030/2030L (4), MUST 2040/2040L (4), MUST 3030 (2), MUST 3090 (2), MUST 3111 (2), MUST 4030 (2), MUST 4040 (2)	
Total Hours	129

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

**PROGRAM IN MUSIC PERFORMANCE
VOICE (MAJOR APPLIED)**

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester Semester		
MUAP 1632V-1642V	2	2	Applied Voice
MUAP 1531P-1541P	1	1	Applied Piano (Secondary)
MUEN 1310U-1320U	1	1	Ensemble: University Chorus
MURE 1070A-1070B	0	0	Recital Class
MUSH 1050		3	Intro. To Music History & Lit. I
MUST 1030/1030L-1040/1040L	4	4	Music Theory I-II
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
Mathematics	3		Fundamental Core
	<hr/>	<hr/>	
	15	15	

SOPHOMORE YEAR

MUAP 2632V-2642V	2	2	Applied Voice
MUAP 2531P-2541P	1	1	Applied Piano (Secondary)
MUEN 2310U-2320U	1	1	Ensemble: University Chorus
MURE 2070A-2070B	0	0	Recital Class
MUSH 1070	3		Intro. To Music History & Lit. II
MUST 2030/2030L-2040/2040L	4	4	Music Theory III-IV
Communication Studies		3	Essential Core
FREN, GERM, or SPAN*	3	3	Foreign Language (2 nd Year)
History		3	Essential Core
Physical Education (activity course)	1		Essential Core
PSYC 1010	3		Introductory Psychology
	18	17	

*Must be in same language as that studied in 1st year.

JUNIOR YEAR

MUAP 3733V-3743V	3	3	Applied Voice
MUEN 3310U-3320U	1	1	Ensemble: University Chorus
MURE 3000		0	Junior Recital
MURE 3070A-3070B	0	0	Recital Class
MUSH 2050 or 2060 or 3050 or 3060		3	Music History I/II/III/IV
MUSM 1200 or 2200 or 3200	1		Italian/French/German Diction
MUSM 2180-3180	2	2	Elementary/Advanced Conducting
MUSM 4010		1	Fdns. In Functional Musicianship IV
MUST 3030	2		Counterpoint
ENGL 2010	3		Intro. To World Literature
Natural Science (with lab)	3	3	Fundamental/Essential Core
Philosophy	3		Essential Core
Theology		3	Essential Core
	18	16	

SENIOR YEAR

MUAP 4733V-4844V	3	4	Applied Voice
MUEN 4301U-4320U	1	1	Ensemble: University Chorus
MURE 4000		0	Senior Recital
MURE 4070A-4070B	0	0	Recital Class
MUSM 4210-4220	2	2	Vocal Pedagogy & Literature I-II
MUST 3111		2	Composition I
MUST 4030-4040	2	2	Analytical Techniques I-II
African American Studies	3		Essential Core
Expansive Core	3	3	Expansive Core
Philosophy	3		Essential Core
Theology		3	Essential Core
	17	17	

**SUMMARY: PROGRAM IN MUSIC PERFORMANCE
VOICE (MAJOR APPLIED)**

Fundamental Core	12
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3)	
Essential Core	36
First Year Experience (2), African American 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 1531P (1), MUAP 1541P (1), MUAP 1632V (2), MUAP 1642V (2), MUAP 2531P (1), MUAP 2541P (1), MUAP 2632V (2), MUAP 2642V (2), MUAP 3733V (3), MUAP 3743V (3), MUAP 4733V (3), MUAP 4844V (4)	
Music (Ensemble)	8
MUEN 1310U (1), MUEN 1320U (1), MUEN 2310U (1), MUEN 2320U (1), MUEN 3310U (1), MUEN 3320U (1), MUEN 4310U (1), MUEN 4320U (1)	
Music (History)*	6
MUSH 1050 (3), MUSH 1070 (3), MUSH 2050 or 2060 or 3050 or 3060 (3)	
Music (Musicianship)	34
MURE 1070A-1070B (0), MURE 2070A-2070B (0), MURE 3000 (0), MURE 3070A-3070B (0), MURE 4000 (0) MURE 4070A-4070B (0); MUSM 1200 or 2200 or 3200 (1), MUSM 2180 (2), MUSM 3180 (2), MUSM 4010 (1), MUSM 4210 (2), MUSM 4220 (2); MUST 1030/1030L (4), MUST 1040/1040L (4), MUST 2030/2030L (4), MUST 2040/2040L (4), MUST 3030 (2), MUST 3111 (2), MUST 4030 (2), MUST 4040 (2)	
Other Required Courses	6
FREN, GERM, or SPAN (2 nd year in addition to Fundamental Core requirement)	
Total Hours	133

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

DEPARTMENT OF PHILOSOPHY

Library 531 — (504) 520-7479 — <http://www.xula.edu/philosophy>

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 minor, or a combination of related courses.

Major in Philosophy - The requirements for a major in philosophy are: three courses in the history of philosophy (2011, 2021, and 2031), one course in logic (2040), one course in ethics (2045, 2400, or 2410), a course in directed readings (philosophical author or topic of students' choice in consultation with the instructor), and five other 3-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 (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 (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 23 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 23 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.

Minor in Philosophy – The requirements for a minor in philosophy are: three courses in the history of philosophy (2011, 2021, 2031), one course in logic (2040), one course in ethics (2045, 2400, or 2410), and one 3-hour course in philosophy.

PROGRAM IN PHILOSOPHY

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PHIL Elective	3		Essential Core
PHIL Elective		3	Essential Core
Communication (CMST 1010 recommended)		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
History (HIST 1030 recommended)		3	Essential Core
Mathematics (MATH 1020 recommended)	3		Fundamental Core
Physical Education (activity course)	1		Essential Core
	14	16	

SOPHOMORE YEAR

PHIL 2011-2021	3	3	Ancient & Medieval/Modern Phil.
PHIL 2040		3	Logic
ENGL 2010	3		Intro. to World Literature
Fine Arts		3	Essential Core
Free Elective (HIST course recommended)		3	Free Elective
Minor	3	3	
Natural Science (with lab)	3		Fundamental Core
Social Science	3		Essential Core
Theology	3		Essential Core
	18	15	

JUNIOR YEAR

PHIL 2031		3	19 th & 20 th Century Philosophy
PHIL 2045 or 2400 or 2410	3		Ethics: General Principles/Health Ethics/Business Ethics
PHIL Elective	3		Philosophy
African American Studies		3	Essential Core
Free Electives (inclusion of ENGL 2020 recommended)	6	3	
Expansive Core		3	Expansive Core
Minor	3	3	
Natural Science	3		Essential Core
	18	15	

SENIOR YEAR

PHIL 4003		3	Directed Reading
PHIL Electives	6		Philosophy
PHIL 4999	0		Senior Comprehensives
Expansive Core		3	Expansive Core
Free Electives	5	6	
Minor	3	3	
Theology	3		Essential Core
	17	15	

SUMMARY: PROGRAM IN PHILOSOPHY

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1020 recommended), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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 (15), PHIL 2011 (3), PHIL 2021 (3), PHIL 2031 (3), PHIL 2040 (3), PHIL 2045 or 2400 or 2410 (3), PHIL 4003 (3), PHIL 4999 (0)	
Minor	18
Free Electives	23
(ENGL 2020 and an extra HIST course are recommended)	
Total Hours	128

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

DEPARTMENT OF PHYSICS

NCF Science Annex 233 — (504) 520-7643 — <http://www.xula.edu/physics>

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 at the B.S. level. 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:

PHYSICS: 1121, 2111, 2121, 2630, 3010, 3011, 3020, 3030, 3040, 3050, 3210, 3310L, 3320L, 3510S, 4050, 4200, 4210, 4530, 4540. Physics 3210 may be replaced with a Special Topics course in Classical Mechanics, when offered.

MATHEMATICS: 1030, 1070, 2030, 2070, 2080, 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:

PHYSICS: 1121, 2111, 2121, 3030, 3210, 3310L, 3510S, 3520S. Physics 3210 may be replaced with a Special Topics course in Classical Mechanics, when offered.

MATHEMATICS: 1030, 1070, 2030, 2070, 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.

Minor in Physics: 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 (Physics 1121, 2111, and 2121) and 6 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 2010/2010L and 2020/2020L) and 10 hours of upper level courses from the following: 3030 (Optics), 3040 (Thermodynamics), 3050 (Modern Physics), 3310L, 3320L, 3310 3510 or 3520 (Seminar), and 3060 (Medical Physics) and 4530/4540 (please note that Physics 4530 requires the permission of the instructor). Other upper level courses may be possible with permission of the chair and the instructor and the proper prerequisites.

B.A. PROGRAM IN PHYSICS

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PHYS 1121		4	General Physics
Communication Studies	3		Essential Core
CPSC Elective	3		(CPSC 1710 recommended)
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
Physical Education (activity course)		1	Essential Core
	17	16	

SOPHOMORE YEAR

PHYS 2111-2121	4	4	General Physics
African American Studies		3	Essential Core
Free Elective	3		
Fine Arts		3	Essential Core
History	3		Essential Core
MATH 2030	3		Elem. Linear Algebra
MATH 2070-2080	4	4	Calculus II-III
Social Science		3	Essential Core
	17	17	

JUNIOR YEAR

PHYS 3030	3		Optics
PHYS 3000-level Elective		3	Physics
PHYS 3510S-3520S	1	1	Physics and Engineering Seminar
CHEM 1010/1010D/1011L-	4	4	General Chemistry I-II
CHEM 1020/1020D/1021L			
ENGL 2010	3		Intro. to World Literature
Expansive Core	3		Expansive Core
Free Electives	3	2	
Philosophy		3	Essential Core
Theology		3	Essential Core
	17	16	

SENIOR YEAR

PHYS 3210		3	Mechanics-Statics
PHYS 3310L or 3320L		1	Advanced Physics Laboratory
PHYS 4999		0	Senior Comprehensives
Expansive Core	3		Expansive Core
Free Electives	9	10	
Philosophy	3		Essential Core
Theology	3		Essential Core
	18	14	

*The B.A. Program in physics contains twenty-seven (27) 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.

SUMMARY: B.A. PROGRAM IN PHYSICS

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, PHYS 1121), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, PHYS 2111), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	29
PHYS 1121 (4), PHYS 2111 (4), PHYS 2121 (4), PHYS 3030 (3), PHYS 3210 (3), PHYS 3310L or 3320L (1), PHYS 3510S (1), PHYS 3520S (1), PHYS 3000-level or higher elective (3), PHYS 4999 (0); CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4); CPSC Elective (CPSC 1710 recommended) (3)	
Minor*	16
MATH 1030 (4), MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4)	
Free Electives	27
Total Hours	132

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

B.S. PROGRAM IN PHYSICS

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PHYS 1121		4	General Physics
Communication Studies	3		Essential Core
CPSC Elective	3		(CPSC 1710 recommended)
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
MATH 1030-1070	4	4	Pre-Calculus/Intro. Calculus
Social Science		3	Essential Core
	17	18	

SOPHOMORE YEAR

PHYS 2111-2121	4	4	General Physics
PHYS 2630		3	Analytical Methods
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
ENGL 2010	3		Intro. to World Literature
MATH 2030	3		Elem. Linear Algebra
MATH 2070-2080	4	4	Calculus II-III
MATH 2530		3	Differential Equations
	18	18	

JUNIOR YEAR

PHYS 3010-3011	3	3	Electricity & Magnetism I and II
PHYS 3020		3	Mechanics-Dynamics
PHYS 3030-3040	3	3	Optics/Thermodynamics
PHYS 3210	3		Mechanics-Statics
PHYS 3310L-3320L	1	1	Advanced Physics Laboratory
PHYS 3510S or 3520S		1	Physics and Engineering Seminar
PHYS 4530	3		Special Topics
Foreign Language	3	3	Fundamental Core
Free Elective		3	
Physical Education (activity course)		1	Essential Core
	16	18	

SENIOR YEAR

PHYS 3050-4050	3	3	Modern/Quantum Physics
PHYS 4200-4210	1	2	Physics Projects
PHYS 4540	3		Special Topics
PHYS 4999		0	Senior Comprehensives
African American Studies		3	Essential Core
Expansive Core	3	3	Expansive Core
Philosophy	3	3	Essential Core
Theology	3	3	Essential Core
	16	17	

SUMMARY: B.S. PROGRAM IN PHYSICS

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, PHYS 1121), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, PHYS 2111), Philosophy (6), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core	6
Major*	56
PHYS 1121 (4), PHYS 2111 (4), PHYS 2121 (4), PHYS 2630 (3), PHYS 3010 (3), PHYS 3011 (3), PHYS 3020 (3), PHYS 3030 (3), PHYS 3040 (3), PHYS 3050 (3), PHYS 3210 (3), PHYS 3310L (1), PHYS 3320L (1), PHYS 3510S or 3520S (1), PHYS 4050 (3), PHYS 4200 (1), PHYS 4210 (2), PHYS 4530 (6), PHYS 4999 (0); CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4); CPSC Elective (CPSC 1710 recommended) (3)	
Minor*	19
MATH 1030 (4), MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2530 (3)	
Free Electives	3
Total Hours	138

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

Program 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 Engineering Programs and see the information about Dual Degree Engineering Programs in this catalog.

PROGRAM: B.A. PHYSICS DUAL DEGREE CIVIL ENGINEERING

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PHYS 1121-2111	4	4	General Physics I-II
ENGR 1000-1100	1	2	Intro to Engineering/Intro. To Engineering Design
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1070-2070	4	4	Intro. Calculus/Calculus II
Physical Education (activity course)	1		Essential Core
	18	18	

SOPHOMORE YEAR

PHYS 2121	4		General Physics III
PHYS 3310L or 3320L		1	Advanced Laboratory
PHYS 3510S or 3520S		1	Physics and Engineering Seminar
ENGR 1061	3		Modern Engineering Graphics
African American Studies		3	Essential Core
Communication Studies		3	Essential Core
Expansive Core	3		Expansive Core
History		3	Essential Core
MATH 2080-2030	4	3	Calculus III/Elem. Linear Algebra
Theology	3	3	Essential Core
	17	17	

JUNIOR YEAR

PHYS 3000-level Elective		3	Physics
PHYS or ENGR Electives	3	3	Electives
ENGR 2630		3	Analytical Methods
ENGR 2210-2020	3	3	Mechanics-Statics/Dynamics
ENGL 2010	3		Intro. To World Literature
Fine Arts		3	Essential Core
MATH 2530	3		Differential Equations
Philosophy	3		Essential Core
PHIL 2040		3	Logic
Social Science	3		Essential Core
PHYS 3999	0		Qualifying Examination
	18	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 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, PHYS 1121), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), 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 1000-1100 (1-2) (recommended)	
Major*	55
PHYS 1121 (4), PHYS 2111 (4), PHYS 2121 (4), PHYS 3310L or 3320L (1), PHYS 3510S or 3520S (1), PHYS 3000-level or higher elective (3); PHYS or ENGR electives (6); ENGR 1000 (1), ENGR 1100 (2), ENGR 1061 (3), ENGR 2020 (3), ENGR 2210 (3), ENGR 2630 (3), ENGR electives (18); CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4)	
Minor*	15
MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2530 (3)	
Total Hours	130

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

**PROGRAM: B.A. PHYSICS DUAL DEGREE
ELECTRICAL ENGINEERING**

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
PHYS 1121-2111	4	4	General Physics I-II
ENGR 1000-1100	1	2	Intro to Engineering/Intro. To Engineering Design
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1070-2070	4	4	Intro. Calculus/Calculus II
Physical Education (activity course)	1		Essential Core
	<hr/>	<hr/>	
	18	18	

SOPHOMORE YEAR

PHYS 2121	4		General Physics III
PHYS 3310L or 3320L		1	Advanced Laboratory
PHYS 3510S or 3520S		1	Physics and Engineering Seminar
African American Studies		3	Essential Core
Communication Studies	3		Essential Core
CPSC 1710		3	Computer Science I
MATH 2080-2030	4	3	Calculus III/Elem. Linear Algebra
Philosophy	3		Essential Core
PHIL 2040		3	Logic
Theology	3	3	Essential Core
	<hr/>	<hr/>	
	17	17	

JUNIOR YEAR

PHYS 3010-3011	3	3	Electricity & Magnetism I-II
PHYS/ENGR Electives	3	3	Physics or Engineering
ENGR 2210	3		Mechanics-Statics
ENGR 2630		3	Analytical Methods
ENGL 2010	3		Intro. To World Literature
Expansive Core		3	Expansive Core
Fine Arts		3	Essential Core
History	3		Essential Core
MATH 2530	3		Differential Equations
PHYS 3999	0		Qualifying Examination
Social Science		3	Essential Core
	18	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 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, PHYS 1121), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), 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 1000-1100 (1-2) (recommended)	
Major*	55
PHYS 1121 (4), PHYS 2111 (4), PHYS 2121 (4), PHYS 3310L or 3320L (1), PHYS 3510S or 3520S (1), PHYS 3010 (3), PHYS 3011 (3), PHYS/ENGR electives (6); ENGR 1000 (1), ENGR 1100 (2), ENGR 2210 (3), ENGR 2630 (3), ENGR electives (18); CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4); CPSC 1710 (3)	
Minor*	15
MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2530 (3)	
Total Hours	130

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

**PROGRAM: B.A. PHYSICS DUAL DEGREE
ENVIRONMENTAL ENGINEERING**

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
PHYS 1121-2111	4	4	General Physics I-II
ENGR 1000-1100	1	2	Intro to Engineering/Intro. To Engineering Design
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1070-2070	4	4	Intro. Calculus/Calculus II
Physical Education (activity course)	1		Essential Core
	<hr/>	<hr/>	
	18	18	

SOPHOMORE YEAR

PHYS 2121	4		General Physics III
PHYS 3310L or 3320L		1	Advanced Laboratory
PHYS 3510S or 3520S		1	Physics and Engineering Seminar
ENGR 1061	3		Modern Engineering Graphics
African American Studies		3	Essential Core
Communication Studies		3	Essential Core
Expansive Core	3		Expansive Core
History		3	Essential Core
MATH 2080-2030	4	3	Calculus III/Elem. Linear Algebra
Theology	3	3	Essential Core
	<hr/>	<hr/>	
	17	17	

JUNIOR YEAR

PHYS 3000-level Elective		3	Physics
PHYS or ENGR Electives	3	3	Electives
ENGR 2630		3	Analytical Methods
ENGR 2210-2020	3	3	Mechanics-Statics/Dynamics
ENGL 2010	3		Intro. To World Literature
Fine Arts		3	Essential Core
MATH 2530	3		Differential Equations
Philosophy	3		Essential Core
PHIL 2040		3	Logic
Social Science	3		Essential Core
PHYS 3999	0		Qualifying Examination
	<hr/>	<hr/>	
	18	18	

TAKEN AT ENGINEERING SCHOOL

Foreign Language	6		Fundamental Core
ENGR Electives	18		
	<hr/>		
	24		

**SUMMARY: PROGRAM: B.A. PHYSICS DUAL DEGREE
ENVIRONMENTAL ENGINEERING**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, PHYS 1121), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), 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 1000-1100 (1-2) (recommended)	
Major*	55
PHYS 1121 (4), PHYS 2111 (4), PHYS 2121 (4), PHYS 3310L or 3320L (1), PHYS 3510S or 3520S (1), PHYS 3000-level or higher elective (3); PHYS or ENGR electives (6); ENGR 1000 (1), ENGR 1100 (2), ENGR 1061 (3), ENGR 2020 (3), ENGR 2210 (3), ENGR 2630 (3), ENGR electives (18); CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4)	
Minor*	15
MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2530 (3)	
Total Hours	130

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

**PROGRAM: B.A. PHYSICS DUAL DEGREE
MECHANICAL ENGINEERING**

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PHYS 1121-2111	4	4	General Physics I-II
ENGR 1000-1100	1	2	Intro to Engineering/Intro. To Engineering Design
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I-II
ENGL 1000/1010-2020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
MATH 1070-2070	4	4	Intro. Calculus/Calculus II
Physical Education (activity course)	1		Essential Core
	<hr/>	<hr/>	
	18	18	

SOPHOMORE YEAR

PHYS 2121	4		General Physics III
PHYS 3310L or 3320L		1	Advanced Laboratory
PHYS 3510S or 3520S		1	Physics and Engineering Seminar
ENGR 1061	3		Modern Engineering Graphics
African American Studies		3	Essential Core
Communication Studies		3	Essential Core
Expansive Core	3		Expansive Core
History		3	Essential Core
MATH 2080-2030	4	3	Calculus III/Elem. Linear Algebra
Theology	3	3	Essential Core
	<hr/>	<hr/>	
	17	17	

JUNIOR YEAR

PHYS 3000-level Elective	3	3	Physics
ENGR 2210-2020	3	3	Mechanics-Statics/Dynamics
ENGR 2630		3	Analytical Methods
ENGL 2010	3		Intro. To World Literature
Fine Arts	3		Essential Core
Foreign Language	3	3	Fundamental Core
MATH 2530	3		Differential Equations
Philosophy	3		Essential Core
PHIL 2040		3	Logic
PHYS 3999	0		Qualifying Examination
Social Science		3	Essential Core
	18	18	

TAKEN AT ENGINEERING SCHOOL

ENGR Electives	22
	22

**SUMMARY: PROGRAM: B.A. PHYSICS DUAL DEGREE
MECHANICAL ENGINEERING**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1030), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, CHEM 1020), 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 1000-1100 (1-2) (recommended)	
Major*	55
PHYS 1121 (4), PHYS 2111 (4), PHYS 2121 (4), PHYS 3310L or 3320L (1), PHYS 3510S or 3520S (1), PHYS 3000-level or higher elective (3); ENGR 1000 (1), ENGR 1100 (2), ENGR 1061 (3), ENGR 2020 (3), ENGR 2210 (3), ENGR 2630 (3), ENGR electives (22); CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4)	
Minor*	15
MATH 1070 (4), MATH 2030 (3), MATH 2070 (4), MATH 2080 (4), MATH 2530 (3)	
Total Hours	130

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

DEPARTMENT OF POLITICAL SCIENCE

Admin 215 — (504) 520-7581 — <http://www.xula.edu/political-science>

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 42 hours of Political Science courses. Of these, the following courses are required: PSCI 1010, 1020, 2010, 2040, 2050, 2511, 3010, 3250 or 3270, and 4100. Only three of the 42 hours may be taken as elective hours in independent study courses and internships (i.e. PSCI 4903, 4913, 4953, 4963); additional hours in independent study courses may be taken as free electives outside of the major.

Majors and minors have the flexibility to acquire concentrations in the following areas:

AMERICAN NATIONAL INSTITUTIONS:

PSCI 2050, 2120, 2390, 3100, 3360, 3380, 3460, and 4953P

INTERNATIONAL AFFAIRS:

PSCI 2040, 3010, 3040, 3240, 3640, 4100, 4640, 4650 and 4953P

PUBLIC LAW:

PSCI 2060, 2100, 2120, 3100, 3110, 3133 and 4963

URBAN POLITICS:

PSCI 2440, 3360, 3390, 3400, 4920UV and 4953U

Minor in Political Science – Minors must complete 18 hours of political science, including Political Science 1010. No more than three hours may be taken in independent study courses and internships (PSCI 4903, 4913, 4953, 4963). Non-majors must have PSCI 1020 or 2040 as a prerequisite for advanced courses, but this requirement may be waived by the department chairperson and instructor as necessary.

Minor in Pre-Law – 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.

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; and PSCI 4963, Legal Internship.

Minor in International Affairs – 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.
3. Careers in the international civil service, serving with intergovernmental organizations, such as the United Nations, as well as with private international nongovernmental organizations.

The Minor in International Affairs requires 18 hours from the following courses: PSCI 2040, International Relations; PSCI 2060, International Law and Politics; PSCI 3040, International Organization; PSCI 3640, American Foreign Policy; PSCI 4050, African Politics and Government; PSCI 4100, International Political Economy; PSCI 4640, Politics of Developing Nations; and PSCI 4650, Industrialized Democracies. 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 4953/4956. 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.

Minor in Public Administration – 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.

The Public Administration minor consists of 18 hours in courses pertaining to public administration, of which PADM 2050, 3370, 3500 or 3510, 4530S, and 4953 are required. In addition, no more than three hours may be taken in independent study courses (such as PADM 4903 or 4913).

Recommended Pre-Law Preparation for Political Science Majors -- In its Pre-Law Handbook, the Law School Admission Council (LSAC) does not recommend a particular course of study for the pre-law student. Rather, it encourages students to pursue a broadly-based program that trains students to understand the variety of ideas, forces, and institutions that have shaped society.

The Pre-Law advisor does, however, suggest specific courses which pre-law students may find helpful. Thus, Pre-Law preparation for political science majors consists of an individually tailored program based on faculty suggestions. It is recommended that a student use his/her core curriculum requirements, minor, and free electives to hone necessary skills. Writing, critical thinking and logical reasoning are enhanced through: 1) English 2020, 3275, or 3400, 2) History 3001, and 3) Philosophy 2040, or 3260. Within the major, Political Science 2100, 3100, 3250 or 3270 are suggested.

Pre-Law students eligible for honors English and History courses are strongly advised to take advantage of these opportunities.

Political Science Accelerated "Pre-Law" Program

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 24 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 Pre-Law Advisor 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 Pre-Law Advisor at his or her first Xavier registration.

Political Science Accelerated Public Affairs Program

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 21 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 Chair 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 Chair of the department.

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.

PROGRAM IN POLITICAL SCIENCE

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
PSCI 1010-1020	3	3	Intro. to Political Science/American Govt.
PSCI 2050		3	Intro. to Public Administration
Communication Studies (1010)	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
History		3	Essential Core
Mathematics	3		Fundamental Core
Physical Education (activity course)		1	Essential Core
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	16	17	

SOPHOMORE YEAR

PSCI 2010-2511	3	3	Research Methods/Quant. Analysis
PSCI 2040	3		International Relations
ENGL 2010	3		Intro. to World Literature
Fine Arts		3	Essential Core
Natural Science	3	3	Fundamental/Essential Core
Philosophy	3		Essential Core
PSYC 1010 or SOCI 1010		3	Social Science
Theology	3	3	Essential Core
	<hr/>	<hr/>	
	18	15	

JUNIOR YEAR

PSCI 3010		3	Comparative Politics
PSCI 3250 or 3270; PSCI Elective	6		Pol. Thought or Mod. Pol. Thought and Pol. Science Elective
African American Studies	3		Essential Core
ECON 1030, 2010, or 2020	3		Economics
Expansive Core	3	3	Expansive Core
Minor	3	6	
Philosophy		3	Essential Core
	<hr/>	<hr/>	
	18	15	

SENIOR YEAR

PSCI	6	6	Pol. Science Electives
PSCI 4100	3		International. Pol. Economy
PSCI 4999	0		Senior Comprehensives
Free Electives		6	
Minor	6	3	
	<hr/>	<hr/>	
	15	15	

SUMMARY: PROGRAM IN POLITICAL SCIENCE

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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*	45
ECON 1030, 2010, or 2020 (3); PSCI 1010 (3), PSCI 1020 (3), PSCI 2010 (3), PSCI 2040 (3), PSCI 2050 (3), PSCI 2511 (3), PSCI 3010 (3), PSCI 3250 or 3270 (3), PSCI 4100 (3), PSCI Electives (15), PSCI 4999 (0)	
Minor	18
Free Electives	6
Total Hours	129

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

POLITICAL SCIENCE ACCELERATED "PRE-LAW" PROGRAM

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PSCI 1010-1020	3	3	Intro. to Political Science/American Govt.
PSCI 2050		3	Intro. to Public Administration
Communication Studies (1010)	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
Mathematics	3		Fundamental Core
Physical Education (activity course)		1	Essential Core
	16	17	

SOPHOMORE YEAR

PSCI 2010-2511	3	3	Research Methods/Quant. Analysis
PSCI 2040	3		Int'l. Relations
ENGL 2010	3		Intro. to World Literature
Minor		6	
Natural Science	3	3	Fundamental/Essential Core
Philosophy	3		Essential Core
Social Science		3	Essential Core
Theology	3	3	Essential Core
	18	18	

JUNIOR YEAR

PSCI 3010	3	Comparative Politics
PSCI 3250 or 3270	3	Pol. Thought or Mod. Pol. Thought
PSCI 4100	3	Int'l. Pol. Economy
PSCI 4999	0	Senior Comprehensives
African American Studies	3	Essential Core
Expansive Core	3	Expansive Core
History	3	Essential Core
Minor	6	6
Philosophy	3	Essential Core
	18	18

Credits Accepted from Law School:

Towards Political Science Major	15	(such as Con. Law, Criminal Law, Jurisprudence, and Legal System)
Free electives	9	
Total	24	

SUMMARY: POLITICAL SCIENCE ACCELERATED "PRE-LAW" PROGRAM

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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
PSCI 1010 (3), PSCI 1020 (3), PSCI 2010 (3), PSCI 2040 (3), PSCI 2050 (3), PSCI 2511 (3), PSCI 3010 (3), PSCI 3250 or 3270 (3), PSCI 4100 (3), PSCI 4999 (0), PSCI Electives (15) [submitted after 1 st year attendance at law school]	
Minor	18
Free Electives [submitted after 1st year attendance at law school]	9
Total Hours	129

POLITICAL SCIENCE ACCELERATED "PUBLIC AFFAIRS" PROGRAM

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PSCI 1010-1020	3	3	Intro. to Political Science/American Govt.
PSCI 2050		3	Intro. to Public Administration
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts	3		Essential Core
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
Mathematics	3		Fundamental Core
Philosophy		3	Essential Core
Physical Education (activity course)	1		Essential Core
	17	16	

SOPHOMORE YEAR

PSCI 2010-2511	3	3	Research Methods/Quant. Analysis
PSCI 2040	3		Int'l. Relations
ENGL 2010	3		Intro. to World Literature
Expansive Core		3	Expansive Core
Foreign Language	3	3	Fundamental Core
Minor	3	6	
Natural Science	3	3	Fundamental/Essential Core
	<u>18</u>	<u>18</u>	

SUMMER

Philosophy	<u>3</u>		Essential Core
	3		

JUNIOR YEAR

PSCI 3010		3	Comparative Politics
PSCI 3250 or 3270	3		Pol. Thought or Modern Pol. Thought
PSCI 4100-3360	3	3	Int'l. Pol. Economy/Public Policy
PSCI 4999	0		Senior Comprehensives
African American Studies	3		Essential Core
Expansive Core		3	Expansive Core
Minor	6	3	
ECON 1030, 2010, or 2020		3	Essential Core (Social Sciences)
Theology	<u>3</u>	<u>3</u>	Essential Core
	18	18	

Credits Accepted from Public Affairs Graduate Program:

Towards Political Science Major	12
Free electives	<u>9</u>
Total	21

**SUMMARY: POLITICAL SCIENCE ACCELERATED
"PUBLIC AFFAIRS" PROGRAM**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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
PSCI 1010 (3), PSCI 1020 (3), PSCI 2010 (3), PSCI 2040 (3), PSCI 2050 (3), PSCI 2511 (3), PSCI 3010 (3), PSCI 3250 or 3270 (3), PSCI 3360 (3), PSCI 4100 (3), PSCI Electives (12) [submitted after 1 st year of graduate program], PSCI 4999 (0)	
Minor	18
Free Electives [submitted after 1 st year of graduate program].	9
Total Hours	129

DEPARTMENT OF PSYCHOLOGY

Xavier South 500 — (504) 520-7400 — <http://www.xula.edu/psychology>

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 a limited number of career opportunities in psychology at the bachelor's degree level. Primary emphasis is placed on preparing students for graduate study. The Program offers two tracks—General Psychology, for students pursuing graduate school, and Premedical Psychology, for students pursuing medical school.

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 in psychology 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 42 semester hours of psychology coursework (33 hours for Premedical Psychology students) with a "C" or better in each course.

It is suggested that all majors take the advanced (subject) 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. Competence in subject matter,
2. Competence in written and oral communication skills,
3. Familiarity with computers, and
4. Poise, self-confidence, and a commitment to ethics in science.

Psychology Pre-Medical Program

The discipline of psychology, in conjunction with the Pre-Medical program at Xavier University, offers its students an alternative route to careers via medical school or the health professions. This is the Psychology Pre-Medical 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 general psychology curriculum but involves heavier emphasis in the natural sciences. It also requires nine (9) fewer hours of psychology than does the general program.

Minor in Psychology – 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 prerequisites for upper-level courses with permission from the department chair.

GENERAL PSYCHOLOGY PROGRAM:

Students will take a minimum of 42 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	3 hrs	Introductory Psychology (prerequisite for all courses except 1012)
PSYC 2020	3 hrs	Research Methods (prerequisite for 2512)
PSYC 2511	3 hrs	Psychological Statistics (prerequisite for 2512)
PSYC 2512	3 hrs	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	3 hrs	Human Development
PSYC 2070	3 hrs	Comparative Psychology
PSYC 2110	3 hrs	Human Sexuality
PSYC 3010	3 hrs	Social Psychology
PSYC 3030	3 hrs	Cognitive Psychology
PSYC 3050	3 hrs	Physiological Psychology
PSYC 3100	3 hrs	Psychology of Learning
PSYC 4010	3 hrs	Theories of Personality

CATEGORY 3: Applied Research and Clinical: *Students must take a minimum of 9 hours from among the following:*

PSYC 2050	3 hrs	Health Psychology
PSYC 3025	3 hrs	Adult Development and Aging
PSYC 3045	3 hrs	Industrial/Organizational
PSYC 3080	3 hrs	Abnormal Psychology
PSYC 3110	3 hrs	Psychotherapies
PSYC 3120	3 hrs	Tests and Measurements
PSYC 4050	3 hrs	Psychopharmacology
PSYC 4095	3 hrs	Forensic Psychology
PSYC 4398	3 hrs	Clinical Practicum I
PSYC 4399	3 hrs	Clinical Practicum II

CATEGORY 4: Special and Advanced Topics: *Students must take a minimum of 3 hours from among the following:*

PSYC 2080	3 hrs	Writing in Psychology
PSYC 3035	3 hrs	Psychology of Gender
PSYC 3041	3 hrs	Black Psychology
PSYC 3200L	1 hrs	Psychology Laboratory
PSYC 4000S	3 hrs	Seminar
PSYC 4030	3 hrs	Group Dynamics
PSYC 4060	3 hrs	Cultural Psychology
PSYC 4070	3 hrs	Psychology of Stereotyping and Prejudice
PSYC 4011-13	1-3 hrs	Independent Study (Offered only as needed)

CATEGORY 5: Capstone Experience: *Students take 3 hours.*

PSYC 4996	3	Historical/Applied Perspectives in Psychology
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IN ADDITION to the hours indicated above, students must take 6 more hours of “general psychology electives” selected from CATEGORIES 2, 3, or 4. Unless transferred in from another institution, these general psychology electives must be taught by the psychology department.

PSYCHOLOGY PREMEDICAL PROGRAM:

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	3 hrs	Introductory Psychology (prerequisite for all courses except 1012)
PSYC 2020	3 hrs	Research Methods (prerequisite for 2512)
PSYC 2512	3 hrs	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	3 hrs	Human Development
PSYC 2070	3 hrs	Comparative Psychology
PSYC 2110	3 hrs	Human Sexuality
PSYC 3010	3 hrs	Social Psychology
PSYC 3030	3 hrs	Cognitive Psychology
PSYC 3050	3 hrs	Physiological Psychology
PSYC 3100	3 hrs	Psychology of Learning
PSYC 4010	3 hrs	Theories of Personality

CATEGORY 3: Applied Research and Clinical: *Students must take 9 hours from among the following:*

PSYC 2050	3 hrs	Health Psychology
PSYC 3025	3 hrs	Adult Development and Aging
PSYC 3045	3 hrs	Industrial/Organizational
PSYC 3080	3 hrs	Abnormal Psychology
PSYC 3110	3 hrs	Psychotherapies
PSYC 3120	3 hrs	Tests and Measurements
PSYC 4050	3 hrs	Psychopharmacology
PSYC 4095	3 hrs	Forensic Psychology
PSYC 4398	3 hrs	Clinical Practicum I
PSYC 4399	3 hrs	Clinical Practicum II

CATEGORY 4: Special and Advanced Topics: *Students must take 3 hours from among the following:*

PSYC 2080	3 hrs	Writing in Psychology
PSYC 3035	3 hrs	Psychology of Gender
PSYC 3041	3 hrs	Black Psychology
PSYC 3200L	1 hrs	Psychology Laboratory
PSYC 4000S	3 hrs	Seminar
PSYC 4030	3 hrs	Group Dynamics
PSYC 4060	3 hrs	Cultural Psychology
PSYC 4070	3 hrs	Psychology of Stereotyping and Prejudice
PSYC 4011-13	1-3 hrs	Independent Study (Offered only as needed)

CATEGORY 5: Capstone Experience: *Students take 3 hours.*

PSYC 4996	3 hrs	Historical/Applied Perspectives in Psychology
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NOTE: Premedical psychology students are not required to take any “general psychology electives”.

PROGRAM IN PSYCHOLOGY (GENERAL)

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PSYC 1010-2020/2511	3	6	Introductory/Research Methods/ Psychological Statistics
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
CPSC 1005	3		Intro. To PCs and Software Apps.
Philosophy		3	Essential Core
Freshman Seminar	1	1	First Year Experience
History		3	Essential Core
Mathematics	3		Fundamental Core
Physical Education (activity course)		1	Essential Core
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	16	17	

SOPHOMORE YEAR

PSYC 2512/Choice *	3	6	Advanced Research/Choices I & II
World Language	3	3	Fundamental Core
ENGL 2010	3		Essential Core
Fine Arts	3		Essential Core
African American Studies		3	Essential Core
Natural Science (with lab)	3		Fundamental Core
Theology	3	3	Essential Core
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	18	15	

JUNIOR YEAR

PSYC Choice * **	6	6	Choices III, IV, V, & VI
Expansive Core	3		Expansive Core
PHIL 2040 or 2400		3	Logic or Health Ethics
Minor	3	6	
Free Electives	3		
	<hr style="width: 50%; margin-left: 0;"/>	<hr style="width: 50%; margin-left: 0;"/>	
	15	15	

SENIOR YEAR

PSYC Choice ***	3		Choice VII
PSYC Elective		6	
PSYC 4996	3		Capstone: Hist./Appl. Perspectives
PSYC 4999	0		Senior Comprehensives
Expansive Core		3	Expansive Core
Minor	6	3	
Free Electives	3	5	
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	15	17	

* Category 2

** Category 3

*** Category 4; courses need not be taken in category order.

SUMMARY: PROGRAM IN PSYCHOLOGY (GENERAL)

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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	39
PSYC 2020 (3), PSYC 2511 (3), PSYC 2512 (3), PSYC Category II (9), PSYC Category III (9), PSYC Category IV (3), PSYC Category V (3), PSYC electives (6), PSYC 4999 (0)	
Minor	18
Free Electives	11
Total Hours	128

PROGRAM IN PSYCHOLOGY (PRE-MEDICAL)

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PSYC 1010-2020	3	3	Essential Core/Research Methods
CHEM 1010/1010D/1011L- CHEM 1020/1020D/1021L	4	4	General Chemistry I (Fundamental Core)-II
ENGL 1000/1010-1020	3	3	Fundamental Core
Physical Education (activity course)	1		Essential Core
Communication Studies		3	Essential Core
Freshman Seminar	1	1	First Year Experience
MATH 1030/1070-1020	4	3	Fundamental/Expansive Core
	16	17	

SOPHOMORE YEAR

PSYC 2512 – Choice *	3	3	Advanced Research/Choice I
BIOL 1230/1230L-BIOL 1240/1240L	4	4	General Biology I-II
CHEM 2210/2210D/2230L- CHEM 2220/2220D/2240L	4	4	Organic Chemistry I-II
World Language	3	3	Fundamental Core
ENGL 2010	3		Essential Core
Philosophy		3	Essential Core
	17	17	

JUNIOR YEAR

PSYC Choice *	3	3	Choices II & III
CHEM 3130/L	4		Biochemistry
BIOL 3110/L-3350/L	4	4	Genetics/Physiology
PHYS 2010/2010L-2020/2020L	4	4	General Physics
Theology	3		Essential Core
African American Studies		3	Essential Core
	18	14	

SENIOR YEAR		
PSYC ** ***	6	6 Choices IV, V, VI, & VII
PSYC 4996		3 Capstone: Hist./Appl. Perspectives
PSYC 4999		0 Senior Comprehensives
Expansive Core		3 Expansive Core
Fine Arts	3	Essential Core
PHIL 2040 or 2400	3	Logic or Health Ethics
Theology		3 Essential Core
History	3	Essential Core
	15	15

* 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 3162/3162L, 4111/4111L, and/or BIOL 4091/4091L, when possible.

SUMMARY: PROGRAM IN PSYCHOLOGY (PRE-MEDICAL)

Fundamental Core	19
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, MATH 1020), Natural Science (3, CHEM 1010), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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, CHEM 1020), Social Science (3, PSYC 1010), Theology (6), World Literature (3, ENGL 2010)	
Expansive Core (inc. MATH 1020)	6
Major and Additional Premed Requirements	48
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 1230L (1), BIOL 1240L (1), BIOL 3110/L (4), 3350/L (4) PHYS 2010/2010L (4), PHYS 2020/2020L (4)	
Minor	20
CHEM 1010/1010D/1011L (4), CHEM 1020/1020D/1021L (4), CHEM 2210/2210D/2230L (4), CHEM 2220/2220D/2240L (4), CHEM 3130/L (4)	
Total Hours	129

DEPARTMENT OF PUBLIC HEALTH SCIENCES

NCF Annex 533 - (504) 520-7434 - <http://www.xula.edu/publichealth/index.php>

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, anthropology, 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 in Public Health Sciences – The requirements for a major in public health sciences include the following nine courses:

1. PHLT 1001 Introduction to Public Health (3 credit hours)
2. PHLT 1002 Nutrition and Health (3 credit hours)
3. PHLT 2001 Behavioral Theories in Public Health (3 credit hours)
4. PHLT 2002 Health Promotion Program Planning (3 credit hours)
5. PHLT 2004 Introduction to Environmental Health (3 credit hours)
6. PHLT 3001 Introduction to Epidemiology (3 credit hours)
7. PHLT 3003 Fundamentals of Program Evaluation (3 credit hours)
8. PHLT 4001 Ethics in Public Health (3 credit hours)
9. PHLT 4002 Introduction to Global Health (3 credit hours)

Completing all of the required courses will help students learn about underlying causes of health and the role of 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.

Minor in Public Health Sciences – Non-Public Health Sciences majors can establish a minor in public health sciences. Students interested in completing a minor in public health sciences must complete 18 credit hours in the following courses:

- 1) PHLT 1001 Introduction to Public Health (3 credit hours)
- 2) PHLT 1002 Nutrition and Health (3 credit hours)

- 3) PHLT 2001 Behavioral Theories in Public Health (3 credit hours)
- 4) PHLT 2002 Health Promotion Program Planning (3 credit hours)
- 5) PHLT 3001 Introduction to Epidemiology (3 credit hours)
- 6) PHLT 4001 Ethics in Public Health (3 credit hours).

Establishing a minor in public health science maybe of interest to students interested in a career in the health profession. Therefore, students majoring in pre-medicine, biology, chemistry, psychology, business, and sociology, may find a minor in Public Health Sciences of interest.

PROGRAM IN PUBLIC HEALTH SCIENCES

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
PHLT 1001	3		Intro. To Public Health
PHLT 1002		3	Nutrition and Health
BIOL 1230/1230L-1240/1240L	4	4	General Biology
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Freshman Seminar	1	1	First Year Experience
Social Science		3	Essential Core
Physical Education (activity course)		1	Essential Core
	14	15	

SOPHOMORE YEAR

PHLT 2001	3		Behavioral Theories in Public Health
PHLT 2002	3		Health Promotion Program Planning
MGT 2040		3	Principles of Management
PHLT 2004		3	Intro to Environmental Health
ENGL 2010	3		Intro. to World Literature
Foreign Language	3	3	Fundamental Core
MATH 1030	4		Pre-Calculus
Philosophy		3	Essential Core
Statistics 2010		3	Statistical Methods I
Minor		3	Essential Core
	16	18	

JUNIOR YEAR

PHLT 3001	3		Intro. to Epidemiology
BSAD 3195		3	Computer-Based Info Systems
PHLT 3003		3	Fund. In Program Evaluation
African American Studies		3	Essential Core
BIOL 3350/3350L	4		Anatomy and Physiology
History		3	Essential Core
MATH 3010/3010D	3		Biostatistics
PHIL 2400	3		Health Ethics
Theology		3	Essential Core
Minor	3	3	
	16	18	

SENIOR YEAR

PHLT 4001	3		Ethics in Public Health
PHLT 4002	3		Intro. to Global Health
PHLT 4004		9	Senior Intern
PHLT 4999*	0		Senior Comprehensive Exam
Fine Arts		3	Essential Core
Theology	3		Essential Core
Expansive Core	3	3	
Minor	6		Essential Core
	18	15	

SUMMARY: PROGRAM IN PUBLIC HEALTH SCIENCES

Fundamental Core	18
English Composition (6, ENGL 1000/1010 and ENGL 1020), Language (6 of same language), Mathematics (4*, MATH 1030), and Natural Science with Lab (3, BIOL 1230)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3), Fine Arts (3), History (3), Natural Science (3, BIOL 1240), Philosophy (6), including PHIL 2400), Physical Education (1, activity course), Social Science (3), Theology (6), World Literature (3, ENGL 2010).	
Expansive Core	6
Major*	36
PHLT 1001 (3), PHLT 1002 (3), PHLT 2001 (3), PHLT 2002 (3), PHLT 2004 (3), PHLT 3001 (3), PHLT 3003 (3), PHLT 4001 (3), PHLT 4002 (3), PHLT 4004 (9), PHLT 4999 (0)	
Other Major Required Courses*	16
BIOL 1230/1230L (4), BIOL 1240/1240L (4), BIOL 3350/3350L (4), BSAD 3195 (3) MATH 1030 (4), MATH 3010/3010D (3), MGT 2040 (3), STAT 2010 (3)	
Minor/Electives	18
Total Hours	130

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

DEPARTMENT OF SOCIOLOGY

Xavier South 500 — (504) 520-7400 — <http://www.xula.edu/sociology>

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, our 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. 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 17 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, 4902 or 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 courses (see specific course requirements below). Students must also successfully pass a senior comprehensive exam the semester before graduation (SOCI 4999). A minimum of 128 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". SOCI 1010 may be counted toward the College of Arts and Sciences "Essential Core", although students are strongly encouraged to take an additional social science course to fulfill the requirement for the "Essential Core".

Major in Sociology – Whether entering the job market or graduate school, the sociology major offers to 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 our 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, 4902, 4903). Majors must pass a senior comprehensive examination (SOCI 4999).

Major in Sociology with a Concentration in Health, Medicine and Society – 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, 3040, 3060, or 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, 4902, 4903). Majors must also pass a senior comprehensive examination (SOCI 4999).

Major in Sociology of Public Service – 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 26 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 Chairperson 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 12 credit hours required of all majors, and SOCI 3020, 3025, 3100, 4020, and 4080. They must also complete 6 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 6 hours of graduate credit to their minor.

Minor in Sociology – This program requires 18 hours of courses including SOCI 1010, 2010, 3030, 3042, 4020 and one sociology elective. In order for a course to be counted for a minor, a student must earn a “C” or better. Students may request permission from the departmental chairperson to substitute SOCI 2010, 3042 or 4020 with a different sociology course.

Concentration in Sociology – Students may complete a concentration in sociology by completing any 12 hours of coursework.

PROGRAM IN SOCIOLOGY

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester		
SOCI 1010	3		Introduction to Sociology
SOCI 1011 or 1015		3	Global Social Change or Popular Culture & Society
Communication Studies	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
Physical Education (activity course)		1	Essential Core
STAT 2010 (MATH 1020)		3	Statistical Methods I
	16	17	

SOPHOMORE YEAR

SOCI 2500	2		Reading and Writing in Sociology
SOCI 2530/2530L		4	Introduction to Research Methods/Statistical Software Lab
SOCI 2000-level Electives	3	3	Sociology
African American Studies		3	Essential Core
ENGL 2010	3		Intro. to World Literature
Expansive Core	3		Expansive Core
Natural Science (with lab)	3	3	Fundamental/Essential Core
Philosophy		3	Essential Core
Theology	3		Essential Core
	17	16	

JUNIOR YEAR

SOCI 3030	3		Sociological Theory
SOCI 3000-level Electives	3	3	Sociology
Expansive Core	3		Expansive Core
Free Electives		6	
Minor	3	6	
Philosophy		3	Essential Core
Theology	3		Essential Core
	15	18	

SENIOR YEAR

SOCI 4000-level Electives	3	3	Sociology
SOCI 4903 or 4950	3		Soci. Internship or Independent Study
SOCI 4999		0	Senior Comprehensives
Free Electives	3	8	
Minor	6	3	
	15	14	

SUMMARY: PROGRAM IN SOCIOLOGY

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, STAT 2010/MATH 1020), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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 (3), SOCI 1011 or SOCI 1015 (3), SOCI 2000-level Electives (6), SOCI 2500 (2), SOCI 2530 (3), SOCI 2530L (1), SOCI 3030 (3), SOCI 3000-level Electives (6), SOCI 4000-level Electives (6), SOCI 4903 or 4950 (3), SOCI 4999 (0)	
Minor	18
Free Electives	17
Total Hours	128

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

**PROGRAM IN SOCIOLOGY
CONCENTRATION IN HEALTH, MEDICINE & SOCIETY**

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
SOCI 1010	3		Introduction to Sociology
SOCI 2000-level Elective		3	Sociology
CMST 2080	3		Essential Core
ENGL 1000/1010-1020	3	3	English Composition
Fine Arts		3	Essential Core
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
STAT 2010 (MATH 1020)		3	Statistical Methods I
	16	16	

SOPHOMORE YEAR

SOCI 2500	2		Reading and Writing in Sociology
SOCI 2530/2530L		4	Introduction to Research Methods/Statistical Software Lab
SOCI 2000-level Elective	3		Sociology
SOCI 3035, 3040, 3060, or 3070		3	Soci. of Mental Health, Population and Society, Soci. of Aging, or Medical Sociology
African American Studies		3	Essential Core
ENGL 2010	3		Intro. to World Literature
Expansive Core	3		Expansive Core
Natural Science (with lab)	3	3	Fundamental/Essential Core
Philosophy		3	Essential Core
Physical Education (activity course)		1	Essential Core
Theology	3		Essential Core
	<hr style="width: 50%; margin: 0 auto;"/> 17	<hr style="width: 50%; margin: 0 auto;"/> 17	

JUNIOR YEAR

SOCI 3030	3		Sociological Theory
SOCI 3035, 3040, 3060, or 3070		3	Soci. of Mental Health, Population and Society, Soci. of Aging, or Medical Sociology
Expansive Core	3		Expansive Core
Free Electives		6	
Minor	3	6	
PHIL 2400		3	Health Ethics
Theology	3		Essential Core
	<hr style="width: 50%; margin: 0 auto;"/> 15	<hr style="width: 50%; margin: 0 auto;"/> 18	

SENIOR YEAR

SOCI 4025	3		Health Disparities
SOCI 4700		3	Seminar in Health, Medicine & Society
SOCI 4903 or 4950	3		Soci. Internship or Independent Study
SOCI 4999	0		Senior Comprehensives
Free Electives	3	8	
Minor	6	3	
	<hr style="width: 50%; margin: 0 auto;"/> 15	<hr style="width: 50%; margin: 0 auto;"/> 14	

**SUMMARY: PROGRAM IN SOCIOLOGY
CONCENTRATION IN HEALTH, MEDICINE & SOCIETY**

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, STAT 2010/MATH 1020), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American Studies (3), Communication (3, CMST 2080 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 (3), SOCI 2000-level Electives (6), SOCI 2500 (2), SOCI 2530 (3), SOCI 2530L (1), SOCI 3030 (3), SOCI 3035, 3040, 3060, or 3070 (9), SOCI 4025 (3), SOCI 4700 (3), SOCI 4903 or 4950 (3), SOCI 4999 (0)	
Minor	18
Free Electives	17
Total Hours	128

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

ACCELERATED PROGRAM IN SOCIOLOGY OF PUBLIC SERVICE

FRESHMAN YEAR

	Semester Hours		
	1st	2nd	
	Semester	Semester	
SOCI 1010	3		Introduction to Sociology
SOCI 2010		3	Social Problems
Communication Studies		3	Essential Core
ENGL 1000/1010-1020	3		English Composition
Fine Arts		3	Essential Core
Foreign Language	3		Fundamental Core
Freshman Seminar	1	1	First Year Experience
History	3		Essential Core
STAT 2010 (MATH 1020)	3		Statistical Methods I
	16	16	

SOPHOMORE YEAR

SOCI 2500	2		Reading and Writing in Sociology
SOCI 2530/2530L		4	Introduction to Research Methods/Statistical Software Lab
SOCI 3020		3	Political Sociology
SOCI 3100	3		Social Policy
African American Studies	3		Essential Core
BIOL 1050		3	Fundamental
ENGL 2010		3	Intro. to World Literature
Minor	3		
Natural Science (with lab)	3		Essential Core
Philosophy	3		Essential Core
Physical Education (activity course)		1	Essential Core
Theology		3	Essential Core
	17	17	

JUNIOR YEAR

SOCI 3025	3	African American Urban Life
SOCI 3030	3	Sociological Theory
SOCI 4020	3	Urban Sociology
SOCI 4080	3	Race, Class and Gender Inequality
ECON 2010 or ECON 2020	3	Essential Core
Expansive Core	3	3 Expansive Core
Minor	3	6
Philosophy	3	Essential Core
Theology	3	Essential Core
	18	18

Credits Accepted from Graduate School:

Towards Sociology Major	6	
Towards Minor	6	
Free Electives	14	
Total	26	

SUMMARY: ACCELERATED PROGRAM IN SOCIOLOGY OF PUBLIC SERVICE

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3, STAT 2010/MATH 1020), Natural Science (3, BIOL 1050), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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*	
SOCI 1010 (3), SOCI 2010 (3), SOCI 2500 (2), SOCI 2530 (3), SOCI 2530L (1), SOCI 3020 (3), SOCI 3025 (3), SOCI 3030 (3), SOCI 3100 (3), SOCI 4020 (3), SOCI 4080 (3), and 6 approved sociology credit hours from graduate program.	36
Minor (including 6 approved credit hours from graduate program).	18
Free Electives (14 from graduate program)	14
Total Hours	128

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

DEPARTMENT OF THEOLOGY

Admin 302 — (504) 520-5457 — <http://www.xula.edu/theology>

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 our 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 1100, 1120, 1170, 3010S, 3020S, 3012S and 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.

Minor – The Minor in Theology consists of 18 hours of Theology courses. The requirements for the minor are: 1120, one of 1100/1170, 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.

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.

PROGRAM IN THEOLOGY

FRESHMAN YEAR

	Semester Hours		
	1 st	2 nd	
	Semester	Semester	
THEO 1100	3		The Christian Faith
THEO 1120	3		Introduction to Biblical Studies
THEO 1170		3	Introduction to Theology
ENGL 1000/1010-1020	3	3	English Composition
Foreign Language	3	3	Fundamental Core
Freshman Seminar	1	1	First Year Experience
History		3	Essential Core
Mathematics	3		Fundamental Core
Physical Education (activity course)		1	Essential Core
	16	14	

SOPHOMORE YEAR

THEO Concentration/Electives	6	6	Theology
Communication Studies	3		Essential Core
ENGL 2010-2020	3	3	Intro. to World Literature I-II
Fine Arts		3	Essential Core
Minor		3	
Natural Science (with lab)	3	3	Fundamental/Essential Core
Philosophy	3		Essential Core
	18	18	

JUNIOR YEAR			
THEO Concentration/Electives	9	3	Theology
THEO 3010S-3020S	1	1	Theology Seminar
African American Studies		3	Essential Core
Expansive Core		3	Expansive Core
Free Electives	3		
Minor		3	
Philosophy		3	Essential Core
Social Science	3		Essential Core
	<hr/>	<hr/>	
	16	16	

SENIOR YEAR			
THEO Concentration/Electives	3	3	Theology
THEO 3012S	1		Theology Seminar
THEO 4999		0	Senior Comprehensives
Expansive Core		3	Expansive Core
Free Electives	6	2	
Minor	6	6	
	<hr/>	<hr/>	
	16	14	

SUMMARY: PROGRAM IN THEOLOGY

Fundamental Core	18
English Composition (6, ENGL 1000/1010, ENGL 1020), Mathematics (3), Natural Science (3), World Language (6)	
Essential Core	36
First Year Experience (2), African American 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 (3), THEO 1120 (3), THEO 1170 (3), THEO 3010S (1), THEO 3012S (1), THEO 3020S (1), THEO concentration (15)**, THEO electives (15), THEO 4999 (0); ENGL 2020 (3)	
Minor	18
Free Electives	11
	<hr/>
Total Hours	128

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

**These 15 hours must be taken in any one of the following three areas: Fundamentals of Theology, Historical Theology, and Biblical Studies.

UNDERGRADUATE COURSE DESCRIPTIONS

ACCT - 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 – 1020. Principles of Accounting I and II. Application of GAAP accounting principles of sole proprietorship, partnerships, and corporations. *Prerequisite: None.* Courses must be taken in sequence. *Prerequisite(s): None (3, FaSpSu, EXP)*

ACCT 2010 - 2020. Intermediate Accounting I and 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, FaSp)*

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.
(0, FaSp)

Senior Comprehensives. Prerequisite(s): Senior standing.

AFAM – AFRICAN AMERICAN 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.

AFAM 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)**

AFAM 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)**

AFAM 3020. Special Topics in African American 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 course (AFAM 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)**

AFAM 2060 (SOCI 2060). Race and Ethnic Relations. 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)**

AFAM 3025 (SOCI 3025). African American Urban Life. 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: AFAM 2000.* **(3)**

AFAM 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 studies. *Prerequisite: AFAM 2000.* **(3)**

AFAM 3050 (HIST 3050). Gandhi and King: Nonviolent Philosophy of Conflict Resolution. 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)

AFAM 3175 (ENGL 3175). Survey of African Literature. Introduction to African folklore, poetry, fiction, and drama. (3)

AFAM 3280 (ENGL 3280). Survey of African American Writers of the Eighteenth and Nineteenth Centuries. A study of African American literary texts from the eighteenth century to the Harlem Renaissance, in their historical, cultural, and literary contexts (3)

AFAM 3290 (ENGL 3290). Survey of African American Writers of the Twentieth and Twenty-first Centuries. A study of major African American texts from the Harlem Renaissance to the contemporary period. (3)

AFAM 3350 (HIST 3350). African American History I. 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. (3)

AFAM 3360 (HIST 3360). African American History II. 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)

AFAM 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)

AFAM 4000. Seminar in African American Studies. Research and writing intensive seminar, exploring the critical issues and texts which define the interdisciplinary nature of African American Studies. Research is required that synthesizes knowledge gained from the concentration in African American Studies. It is recommended that students complete all core requirements in the African American Studies minor before enrolling in this course. (3)

AFAM 4010. 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 a interdisciplinary context. *Prerequisite: 2000- or 3000-level AFAM course. Open to selected students only.*

AMSL – AMERICAN SIGN LANGUAGE

AMSL 1010-1020. American Sign Language I and II. Introductory course designed to develop basic receptive and expressive language skills. Emphasis will be on natural language production and appropriate cultural interaction. Students will learn basic languages, structures, acquire a working vocabulary and knowledge of sentences, phrases, and appropriate non-manual behaviors. Instruction in AMSL without the use of voice. (3-3)

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 COURSES DESIGNATED WITH AN * ARE STUDIO, HANDS-ON COURSES.
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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. **(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. *Prerequisite: ART 1010.* **(3)**

ART 1030*. **Drawing Ia.** 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. **(3)**

ART 1040*. **Drawing Ib.** 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. *Prerequisite: ART 1030.* **(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. **(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. **(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 (CPSC 1210, MSCM 1210). **Engaging Digital Media.** 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. **(3)**

ART 2020* (SMKT 2020). Introduction to Graphic Design. 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. **(3)**

ART 2030*. **Drawing IIa.** 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. *Prerequisite: ART 1040 or concurrent enrollment in BIOL 3350, 3450 or 3460.* **(3, EXP)**

ART 2040*. **Drawing IIb.** Exploration of formal and expressive potentials of the human figure; traditional and experimental techniques. Various media and expressive techniques. *Prerequisite: ART 2030.* **(3)**

ART 2070*. **Introduction to Sculpture.** Introduction to basic sculptural processes and materials through construction, modeling, mold making, and metal casting. **(3, Fa)**

ART 2080*. **Introduction to Printmaking.** An introduction to multiple image making through relief, intaglio, planographic, and stencil processes. **(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 2130-2140. **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 is a prerequisite for ART 2140.* **(3-3)**

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. *Prerequisite: ART 2011.* **(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. **(3)**

ART 3030*-3040*. **Drawing III a-b.** Continuation of Drawing II in the advanced study of drawing. *Prerequisite: ART 2040 is a prerequisite for ART 3030 and ART 3030 for ART 3040.* **(3-3)**

ART 3050*-3060*. **Painting II a-b.** 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. *Prerequisite: ART 1060 is a prerequisite for ART 3050 and ART 3050 for ART 3060.* (3-3)

ART 3070*-3080*. **Sculpture II a-b.** 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. *Prerequisite: ART 2070 is a prerequisite for ART 3070 and ART 3070 for ART 3080.* (3-3)

ART 3090*-3100*. **Printmaking II a-b.** 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. *Prerequisite: ART 2080 is a prerequisite for ART 3090 and ART 3090 for ART 3100.* (3-3)

ART 3110*-3120*. **Ceramics II a-b.** 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. *Prerequisite: ART 1050 is a prerequisite for ART 3110 and ART 3110 for ART 3120.* (3-3)

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*-4020*. **Graphic Design II a-b.** Solve practical design problems while expanding digital techniques. *Prerequisite: ART 2020 is a prerequisite for ART 4010 and ART 4010 for ART 4020.* (3-3)

ART 4030*-4040*. **Drawing IV a-b.** Advanced work from human figure; various creative approaches in many media. *Prerequisite: ART 3030 is a prerequisite for ART 4030 and ART 4030 for ART 4040.* (3-3)

ART 4050*-4060*. **Painting III a-b.** Continuation of painting II. Advancement in visual consciousness, technical skills as means to significant work. *Prerequisite: ART 3060 is a prerequisite for ART 4050 and ART 4050 for ART 4060.* (3-3)

ART 4070*-4080*. **Sculpture III a-b.** Continuation of ART 3070-3080. Carving, modeling, casting construction; welding, brazing soldering, etc. *Prerequisite: ART 3070 is a prerequisite for ART 4070 and ART 4070 for ART 4080.* (3-3)

ART 4090*-4100*. **Printmaking III a-b.** Experimental prints, various methods/ processes; advanced lithography, etching, serigraphy, woodcut, calligraphy. *Prerequisite: ART 3090 is a prerequisite for ART 4090 and ART 4090 for ART 4100.* (3-3)

ART 4110*-4120*. **Ceramics III a-b.** Continuation of ART 3110-3120; development of skills in pottery making; creative design, exploration of techniques. *Prerequisite: ART 3110 is a prerequisite for ART 4110 and ART 4110 for ART 4120.* (3-3)

ART 4130. African Art. 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. 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 4150*-4160*. Painting IV a-b. Continuation of ART 4050-4060. *Prerequisite: ART 3090 is a prerequisite for ART 4090 and ART 4090 for ART 4100.* (3-3)

ART 4170*-4180*. Sculpture IV a-b. Continuation of ART 4070-4080. *Prerequisite: ART 4080 is a prerequisite for ART 4170 and ART 4170 for ART 4180.* (3-3)

ART 4190*-4200*. Printmaking IV a-b. Continuation of ART 4090-4100. *Prerequisite: ART 4090 is a prerequisite for ART 4190 and ART 4190 for ART 4200.* (3-3)

ART 4210*-4220*. Graphic Design III a-b. Continuation of ART 4010-4020. *Prerequisite: ART 4020 is a prerequisite for ART 4210 and ART 4210 for ART 4220.* (3-3)

ART 4310*-4320*. Ceramics IV a-b. Continuation of ART 4110-4120. *Prerequisite: ART 4110 is a prerequisite for ART 4310 and ART 4310 for ART 4320.* (3-3)

ART 4410*-4420*. Graphic Design IV a-b. Continuation of ART 4210-4220. *Prerequisite: ART 4210 is a prerequisite for ART 4410 and ART 4410 for ART 4420.* (3-3)

ART 4501, 4502, 4503. Directed Readings in Art. Students work under the direction of faculty members to fulfill their needs and interests. (1, 2, 3)

ART 4999. Senior Comprehensives. (0)

BIOL - BIOLOGY

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.

A GRADE OF C OR BETTER IN A PREREQUISITE COURSE IS REQUIRED BEFORE A STUDENT MAY PROGRESS TO THE NEXT COURSE.

BIOL 1030/1030L - 1040/1040L. General Biology. Modern concepts in biology for the non-science major. Lecture and laboratory should be taken concurrently. **NOT APPLICABLE TO MAJOR OR MINOR IN BIOLOGY.** (2/1 - 2/1)

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)

BIOL 1210L/1220L. Foundations of Biology. Required for Biology majors. Broad introduction to the field of biology with a focus on reading, comprehension, data organization, data analysis, and mathematical and computer applications. *Prerequisite(s): Completion of developmental Reading and Math. (1,1)*

BIOL 1230/1230L - 1240/1240L. General Biology. Science Majors. Basic biological principles and concepts as they apply to all levels of organization. *Prerequisites for BIOL 1230/1230L: Must have completed Developmental Reading and Developmental Math. If simultaneously enrolled in Math 1030I, students can register for these courses. BIOL 1230 is a prerequisite for BIOL 1240. (3/1 - 3/1)*

BIOL 1240 IS A PREREQUISITE FOR ALL HIGHER-NUMBERED COURSES IN BIOLOGY.

BIOL 2000/2000L. Biodiversity. Survey of biological diversity, basic principles and concepts of biological systematics, taxonomy, evolutionary theory, and ecology. **(3/1)**

BIOL 2010/2010L. General Microbiology. Study of microorganisms. Laboratory emphasizes principles of bacteriological technique, microscopic study, and environmental influences affecting microorganisms. **(3/1)**

BIOL 2200 – 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 - 3)*

BIOL 2340 (SPTH 2340). Anatomy and Physiology of Speech and Hearing Mechanism. Identification and function of structures pertinent to the processes of speech and hearing. **FOR SPEECH PATHOLOGY MAJORS AND MINORS ONLY. (3)**

BIOL 2400 (EDEL 2400). Nutrition. Basic concepts of human nutrition, including importance of food to the body; the nature and composition of foods; release and utilization of nutrients; planning the daily diet and the process of digestion and absorption. **FOR EDUCATION MAJORS ONLY. (3)**

BIOL 3000/3000L. 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. **(3/1)**

BIOL 3070/3070L. Immunology. Basic concepts of immunology and immunological disorders. Laboratory includes discussions and application of the basic principles of serology. *Prerequisite: BIOL 2010 or permission of instructor. (3/1)*

BIOL 3081/3081L. 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 2010/2010L and CHEM 2210 or permission of instructor. (3/1)*

BIOL 3091/3091L. Cell Biology. Molecular basis of eukaryotic cell structure and function. Laboratory introduces techniques used in the study of cells. *Prerequisite: CHEM 1020/1020L. (3/1)*

BIOL 3110/3110L. Genetics. Fundamental principles of classical and molecular genetics. *Prerequisite: BIOL 2010 and BIOL 2010L, CHEM 1020/1020L (or permission of the biology chair for non-science majors).* (3/1)

BIOL 3141/3141L. General Zoology. Structure and function of vertebrate and invertebrate animals in an evolutionary context. (3/1)

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 2010 or permission of instructor.* (3)

BIOL 3151/3151L. General Botany. Basic principles of the biology of plants. (3/1)

BIOL 3162/3162L. Introduction to Embryology. Analytical approach to major aspects of development. Laboratory stresses morphological development of selected vertebrates. *Prerequisite: CHEM 1020/1021L.* **LECTURE AND LABORATORY MUST BE TAKEN CONCURRENTLY.** (4/0)

BIOL 3210/3210L. Ecology. The relationship between organisms and their environment. (3/1)

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 3350/3350L. 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.** (3/1)

BIOL 3360/3360L. Parasitology. Key aspects of the biology of parasitic animals. Special emphasis placed on those parasites of medical importance. Laboratory stresses microscopic study of parasites. (3/1)

BIOL 3450/3450L-3460 (PHCL 3450/3450L-3460). Human Physiology and Anatomy. Comprehensive view of the human body emphasizing individual systems and their interactions with each other and exogenous materials. **LIMITED TO PHARMACY STUDENTS.**

BIOL 4000 (PHCY 4001). Cancer: Causes, Treatment and Disparities. 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. *Prerequisite: BIOL 2010/2010L, BIOL 3110/3110L. Corequisites: CHEM 4130/4130L (should at least be enrolled in it). Strongly recommended: BIOL 4250.* (3/1-3)

BIOL 4011S-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 4011S.* (0/1)

BIOL 4050/4050L. Animal Physiology. Coordinated functional relationships of different taxa of animals with respect to adaptation to varied habitats and changing environment. (3/1)

BIOL 4091/4091L. Comparative Vertebrate Anatomy. Evolutionary approach to the study of structural and functional relationships between several vertebrate taxa. Laboratory work requires extensive dissection. **LECTURE AND LABORATORY MUST BE TAKEN CONCURRENTLY. (4/0)**

BIOL 4111/4111L. 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: CHEM 1020/1020L. (4/0)**

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. (1)*

BIOL 4220. Applied and Environmental Microbiology. Study of microorganisms as related to food, water, agricultural, and industrial processes. *Prerequisites: BIOL 2010/2010L. (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 2010, CHEM 2210 or permission of instructor (3)*

BIOL 4250/4250L. Molecular Genetics. Molecular biology of the gene. Special emphasis placed on comparison of gene expression in prokaryotes and eukaryotes. *Prerequisites: BIOL 2010/2010L and CHEM 2210/2230L. (3/1)*

BIOL 4300, 4301, 4302, 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: 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 3110/3110L.*

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. (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. (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 2010 and 2010L 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 chair. (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.* (3)

BIOL 4999. **Senior Comprehensives. (0)**

Courses offered through the Gulf Coast Research Laboratory

Not all courses listed are offered each year. Interested students should consult the GCRL Summer Announcement for courses offered each summer.

MAR	–	300	Marine Science I: Oceanography
MAR	–	300L	Marine Science I: Oceanography Lab
MAR	–	301	Marine Science II: Marine Biology
MAR	–	301L	Marine Science II: Marine Biology Lab
MAR	–	403	Marine Invertebrate Zoology
MAR	–	403L	Marine Invertebrate Zoology Lab
MAR	–	404	Parasites of Marine Animals
MAR	–	404L	Parasites of Marine Animals Lab
MAR	–	405	Marine Ecology
MAR	–	405	Marine Ecology Lab
MAR	–	406	Fauna/Faunistic Ecology Tidal Marshes
MAR	–	406L	Fauna/Faunistic Ecology Tidal Marshes Lab
MAR	–	407	Marine Aquaculture
MAR	–	407L	Marine Aquaculture Lab
MAR	–	408	Marine Ichthyology
MAR	–	408L	Marine Ichthyology Lab
MAR	–	409	Marine Microbiology
MAR	–	409L	Marine Microbiology Lab
MAR	–	410	Marine Fisheries Management
MAR	–	410L	Marine Fisheries Management Lab
MAR	–	420	Marine Phycology
MAR	–	420L	Marine Phycology Lab
MAR	–	421	Coastal Vegetation
MAR	–	421L	Coastal Vegetation Lab
MAR	–	422	Salt Marsh Plant Ecology
MAR	–	422L	Salt Marsh Plant Ecology Lab
MAR	–	430	Compar. Histology of Marine Organisms
MAR	–	430L	Compar. Histology of Marine Organisms Lab
MAR	–	456	Marine Science for Teachers I
MAR	–	456L	Marine Science for Teachers I Lab
MAR	–	457	Marine Science for Teachers II
MAR	–	457L	Marine Science for Teachers II Lab
MAR	–	458	Marine Science for Elementary Teachers
MAR	–	458L	Marine Science for Elementary Teachers Lab
MAR	–	482	Coastal Marine Geology
MAR	–	482L	Coastal Marine Geology Lab
MAR	–	490	Special Problems in Marine Science
MAR	–	491	Special Topics in Marine Science

Courses offered through the Louisiana Universities Marine Consortium (LUMCON), Cocodrie, Louisiana

Not all courses listed are offered each year. Interested students should consult the Consortium's Summer Announcement, available through the faculty liaison, for further information.

Introduction to Marine Science
Introduction to Marine Zoology
Topics in Marine Science
Special Problems in Marine Science
Coastal Marine Geology
Marine Ecology
Marine Invertebrate Zoology
Marine Science for Teachers
Marine Vertebrate Zoology

BSAD — BUSINESS ADMINISTRATION

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.

BSAD* 1010. Introduction to Business. Fundamentals of Business Administration; underlying principles of management, and structures and functions of its various departments. *Prerequisite(s): None. (3, FaSpSu, EXP)*

* Open to business majors as a first business course only. Business minors cannot use course as a Business Elective.

BDAD 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): English 1020. (3, Fa)*

BSAD 3030. Business Law. Commercial law as it affects accountancy - CPA law. *Prerequisite(s): None. (3, Sp)*

BSAD 3035. Legal Aspects of Business.** A study of the basic legal concepts and procedures as well as basic principles pertaining to fundamental business transactions. *Prerequisite(s): None. (3, FaSu, EXP)*

** Not open to Accounting majors

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 3200. International Business. Addresses the major activities involved in international business. Emphasis is placed upon 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 3900 - 3905. Business Administration Summer Internship. Ten to twelve weeks of work experience in business, industry, or government related to the student's academic program. Completion of two internship reports. 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, 3, 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- 4502 -4503. Special Topics in Business. Intensive individual readings in areas agreed upon by student, instructor, and chairperson. *Prerequisite(s): Permission of instructor and chairperson.* **(1, 2, 3)**

BSAD 4999. Senior Comprehensives. *Prerequisite(s): Senior standing.* **(0, FaSp)**

CHEM — CHEMISTRY

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.

TO REGISTER FOR ANY CHEMISTRY COURSE, A GRADE OF "C" OR BETTER IS REQUIRED IN ALL THE CHEMISTRY PREREQUISITE COURSES.

CHEM 1010/1010D. General Chemistry I. An introduction to chemistry with a focus on atomic structure, bonding, chemical stoichiometry and calculations, states of matter, and thermochemistry. 1010 has three hours of lecture per week. Drill sessions (1010D) 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.* **(3/0)**

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 1010/1010D. Students may not earn credit for both CHEM 1011L and CHEM 1111L.* **(1)**

CHEM 1020/1020D. General Chemistry II. A continuation of the introduction to chemistry. Topics include solutions, acid/base chemistry, kinetics, equilibrium, electrochemistry, and nuclear chemistry. 1020 has three lectures per week. Drill sessions (1020D) meet once per week. *Prerequisite: CHEM 1010. Corequisite: CHEM 1020 and 1020D must be taken concurrently. Students may not earn credit for both CHEM 1020 and CHEM 1120. (3/0)*

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 1010/1011L. Corequisites: CHEM 1020/1020D. Students may not earn credit for both CHEM 1021L and CHEM 1121L. (1)*

CHEM 1110/1110D. 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. (3/0)*

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 1110/1110D/1111L must be taken concurrently. Students may not earn credit for both CHEM 1011L and CHEM 1111L. (1)*

CHEM 1120/1120D. 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 1110/1111L or CHEM 1010/1011L. Corequisites: CHEM 1120/1120D/1121L must be taken concurrently. Students may not earn credit for both CHEM 1020 and CHEM 1120. (3/0)*

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. *Corequisites: CHEM 1120/1120D/1121L must be taken concurrently. Students may not earn credit for both CHEM 1021L and CHEM 1121L. (1)*

CHEM 2210/2210D. 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 (2210D) meet once per week. *Prerequisite: CHEM 1020 or 1120. Corequisite: CHEM 2210 and 2210D must be taken concurrently. (3/0)*

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. Corequisites: CHEM 2210/2210D. (1)*

CHEM 2220/2220D. 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 (2220D) meet once per week. *Prerequisite: CHEM 2210. Corequisite: CHEM 2220 and 2220D must be taken concurrently. (3/0)*

CHEM 2240L. Organic Chemistry Laboratory II. Students get hand-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 2220/2020D. (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: CHEM 3210/3210L, MATH 1070, and PHYS 2010/2010L. Students may not earn credit for both CHEM 3010 and CHEM 3030. (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 3210/3210L, MATH 2070, and PHYS 2020/2020L. 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 3210/3210L. Corequisite: CHEM 3010 or 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 3210/3210L, MATH 2070, and PHYS 2020/2020L. (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 3210/3210L and CHEM 3010 or 3030.* (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 2220/2240L.* (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 2220/2240L.* (1)

CHEM 3210/3210L. Quantitative Analysis. Theory and techniques of chemical analysis including evaluation of data, gravimetric, volumetric, potentiometric, and spectrophotometric methods. 3210L is a one session four-hour laboratory which must be taken along with 3210. *Prerequisites: CHEM 1020/1021L.* (3/1)

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, BIOL 1240.* (3)

CHEM 4010. Inorganic Chemistry I. 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 3030 or CHEM 3010.* (3)

CHEM 4011. Inorganic Chemistry II. 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. *Prerequisite: CHEM 4010.* (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 2220/2240L.* (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 2220/2240L. (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. *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 3130/3130L. (2)*

CHEM 4151, CHEM 4152, and CHEM 4153. Special Topics. Detailed discussion of one or more topics in chemistry. **(1, 2, 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 3130/3130L. (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 2210-2220. 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 2220/2240L and CHEM 3010 (or CHEM 3030). (3)*

CHEM 4240/4240L. 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 4240L must be taken concurrently. *Prerequisites: CHEM 3210/3210L. (4/0)*

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 3210/3210L. (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 2220/2240L. (2)*

CMST - COMMUNICATION 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.

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 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 2080. 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 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, 1010 or 1011H, 1400 or 1500 or 2080, 2010, 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, 1010 or 1011H, 1400 or 1500 or 2080, 2010, 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, 1010 or 1011H, 1400 or 1500 or 2080, 2010, 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, 1010 or 1011H, 1400 or 1500 or 2080, 2010, 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, 1010 or 1011H, 1400 or 1500 or 2080, 2010, 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, 1010 or 1011H, 1400 or 1500 or 2080, 2010, 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, 1010 or 1011H, 1400 or 1500 or 2080, 2010, 2180 OR instructor permission. Students may enroll in CMST 3075 a maximum of two times. (3)*

CMST 3080. Gender and Communication. 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, 1010 or 1011H, 1400 or 1500 or 2080, 2010, 2180 OR instructor permission. (3)*

CMST 3133 (PSCI 3133). Mock Trial and Debate. 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 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 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 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 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 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 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 3020 OR instructor permission. (3)*

CMST 4131, 4132, 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. (1, 2, 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, 3020 and senior status. (3)*

COED – COOPERATIVE EDUCATION

COED 2010-2020. Cooperative Education. Full-time work experience in business, industry or government in an area related to student's academic program. *Prerequisites: Student must be at least a sophomore in good standing and have the approval of the student's departmental faculty advisor and the Career Services Office. COED 2010 is prerequisite to 2020. (3-3)*

COED 2030-2040. Cooperative Education. Part-time work experience in business, industry or government in an area related to the student's academic program. *Prerequisites: Student must be at least a sophomore in good standing and have the approval of the student's departmental faculty advisor and the Career Services Office. COED 2030 is prerequisite to 2040. (0-3)*

COED 3010-3020. Cooperative Education. Full-time work experience in business, industry or government in an area related to student's academic program. *Prerequisites: Student must be in good standing and have the approval of the student's departmental faculty advisor and the Career Services Office, and have six hours of COED credit before enrolling in COED 3010. COED 3010 is prerequisite to 3020. (0-3)*

CPSC – COMPUTER SCIENCE

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.

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 (ART 1210, MSCM 1210). Engaging Digital Media. 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 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 either CPSC 1800 or permission of the Computer Science chair. (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 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 CPSC chair. (3, Sp, 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, 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 Computer Science chair's permission. (1 or 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 Computer Science chair's permission. (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): Computer Science chair's permission. (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): CPSC3060, 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)*

CRWT – CREATIVE 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.

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 university's core 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 different fiction writing elements such as character development, narrative point of view, setting, and plot in a focused seminar setting. They begin to develop their skills of writing, revising and criticizing works of short fiction through their own creative endeavors and daily participation in the workshop, where they will develop, or add to, their portfolio of works, while extending their familiarity with works of short fiction writers such as Z.Z. Packer, Raymond Carver, Charles Baxter, and Eudora Welty. *Prerequisite: CRWT 1050.* (3)

CRWT 2070. Creative Nonfiction. Students will study and practice writing different forms of literary nonfiction. The course will cover description, scene, summary, point of view, characterization, dialogue and other techniques. Through close readings students also will become familiar with the work of contemporary nonfiction authors such as David Hopes, Alice Walker, and Elie Weisel. **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 language of film. Students will become familiar with contemporary playwrights, screenwriters and directors. *Prerequisite: CRWT 1050.* (3)

CRWT 2141, 2143 (ENGL 2141, 2143). Journal Practicum. Students gain hands-on experience in publishing. Permission of the instructor required for 3 hours. Course is offered for credit on pass/fail basis and may be repeated for credit. *Prerequisite: ENGL 1020 or equivalent.* (1,3, FaSp)

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,” “Science Fiction Writing,” “Poetry Translation,” “Literature and Film,” “Oral History,” “Credible Characterization,” “Biography and Autobiography,” and “Nature Writing.” *Prerequisite: 2000-level Creative Writing course.* (3)

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: 2000-level Creative Writing course.* (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 board 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. *Prerequisite: completion of 5 CRWT classes, with a minimum 3.5 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)

ECON - ECONOMICS

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.

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. *Prerequisite(s): None.* **(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. *Prerequisite(s): None.* **(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. *Prerequisite(s): None.* **(3, FaSp)**

*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 Micro Economics

ECON 2070 - 2080. *** Statistics I & 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. *Prerequisite(s): MATH 1030.* **(3, Fa; 3, Sp)**

**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.

***Mathematics Department majors may substitute MATH 1020 as the prerequisite for ECON 2080.

ECON 3010 (FINC 3010). Monetary and Fiscal Policy. 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 (FINC 3080). Public Finance. 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 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 2020.* **(3)**

ECON 3200 (FINC 3200). Managerial Economics. 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)

EDEL – ELEMENTARY EDUCATION

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.

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-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. (3-3, Fa-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)

EDSC – SECONDARY EDUCATION

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.

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. (1-2-3, 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 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 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)

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)

EDUC – GENERAL EDUCATION

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.

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, FaSp)

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 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 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, EXP)**

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 4001-4002-4003. Directed Project in Education. Register only with permission of chairperson. **(1-2-3)**

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 4011-4012-4013. Directed Readings in Education. Register only with permission of chairperson. **(1-2-3)**

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)**

ENGL - ENGLISH

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.

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 Core Curriculum's objectives of introducing students to the common elements of the human heritage and assisting students to develop a system of values.

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 Center. Placement is determined by ACT, SAT, and/or COMPASS scores. **(3, 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 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 chair. **(3, FaSp)**

ENGL 2010. Introduction to World Literature I. A critical examination of significant works of literature from Ancient Mesopotamia through the early modern periods, 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 significant works of literature from Ancient Mesopotamia through the early modern periods, 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)**

THE FRESHMAN ENGLISH SEQUENCE (ENGL 1000/1010-1020 OR 1023H-2011H IS A PREREQUISITE FOR ALL COURSES NUMBERED 2020 OR ABOVE.

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. (3, FaSp, EXP)

ENGL 2070. Survey of British Literature I. A study of British literature from the Middle Ages through the Restoration and the Eighteenth Century. (3, Fa, EXP)

ENGL 2080. Survey of British Literature II. A study of British and postcolonial literature from 1800 to the present. (3, Sp, EXP)

ENGL 2141, 2143 (CRWT 2141, CRWT 2143). Journal Practicum. Students gain hands-on experience in publishing. Permission of the instructor required for 3 hours. Course is offered for credit on pass/fail basis and may be repeated for credit. *Prerequisite: ENGL 1020 or equivalent.* (1, 3, FaSp, EXP)

ENGL 2200. Modern English Grammars. 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)

ENGL 3001-3002-3003-3004. Special Topics. Some topics considered for this course include Law and Literature, Science Writing and The Black Hero in Film. (1-2-3-4, FaSp)

ENGL 3010. Medieval Literature. A study of the literary developments in English poetry from the Anglo-Saxon period to the Renaissance. (3)

ENGL 3021. Renaissance Literature. A study of Renaissance prose, poetry and drama (excluding Shakespeare). Also includes Milton. (3)

ENGL 3040. Shakespeare at the Globe. A study of Shakespeare's plays in their early modern contexts. (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. (3, EXP)

ENGL 3070. Restoration and Eighteenth Century Literature. A study of the major imaginative literature from 1660 to 1800. (3)

ENGL 3125 (WMST 3125). Twentieth-Century Women Writers. A study of literature and feminist theory by women writers from approximately 1900 to the present. (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. (3)

ENGL 3150. Advanced Writing. Practice in critical, scholarly, and expository writing, with emphasis on writing within the discipline of English. (3)

ENGL 3160. Survey of American Literature I. A study of the literature and backgrounds of American literature from the colonial time through the Civil War. (3, Fa, EXP)

ENGL 3170. Survey of American Literature II. A study of the literature and backgrounds of American literature from the Civil War to the present. (3, Sp, EXP)

ENGL 3175 (AFAM 3175). Survey of African Literature. Introduction to African folklore, poetry, fiction, and drama. (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. (3)

ENGL 3210. Romantic Literature. A study of Romantic poetry and prose, 1800-1832. (3)

ENGL 3221. Victorian and Early Twentieth-Century Literature. A study of Victorian prose, poetry, and/or fiction. (3)

ENGL 3270. British Literature from World War I. A study of British and postcolonial poetry, prose, drama, and/or fiction from the 1920s to the present. (3)

ENGL 3275. The Postcolonial Novel. Introduces postcolonial theory and novels from 1960 to the present, representing such areas as the Caribbean, Latin America, Africa, the Middle East, India, Asia, and Oceania. (3)

ENGL 3280 (AFAM 3280). Survey of African American Writers of the Eighteenth and Nineteenth Centuries. A study of African American texts from the eighteenth century to the Harlem Renaissance, in their historical, cultural and literary contexts. (3)

ENGL 3290 (AFAM 3290). Survey of African American Writers of the Twentieth and Twenty-first Centuries. A study of African American literary texts from the Harlem Renaissance to the contemporary period. (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 the students for becoming 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 instruction opportunities) in middle and/or secondary schools. (3)

ENGL 3320. Critical Approaches to Teaching Literature. Focusing on the pedagogy of literature in an integrated curriculum, this course will investigate the reading process and different reading models. It will examine 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 will be required to perform 15 hours of observations (combined with some instruction opportunities) in middle and/or secondary schools. (3)

ENGL 3400. **Critical Theory.** A study of interpretive strategies and theoretical assumptions of various approaches to literary criticism. (3, Sp)

ENGL 3500 (THEO 3500). **The Theology of Flannery O'Connor.** 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 2010.* (3, EXP)

ENGL 4000H. **Directed Studies.** Concentrated study of major figures and ideas in a selected period. Open to selected students only. (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. (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. (3)

ENGL 4030S. **Poetry Seminar.** An intensive study in American, British, or world literature. Recent topics have included the Women Poets and Modern Poetry. (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*. (3)

ENGL 4050S. **Comparative Literature Seminar.** A critical study of the forms and themes of the major foreign literature in translation. Topics have included *The Image of Woman in Nineteenth-Century Literature* and *Reading and Writing the Other (Third and First World Literatures juxtaposed)*. (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 *Women Writers of the African Diaspora*, *Caribbean Women Writers* and *The Literature or Negritude*. (3)

ENGL 4999. **Senior Comprehensives.** (0)

ENGR - 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 the 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 and training and the apprenticeship required to become a licensed engineer. The engineering methodology, which unifies all engineering disciplines and differentiates 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 2120 (PHYS 3120). Circuits I. 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 2121 and 2630 and MATH 2030 and 2080.* **(3, Fa)**

ENGR 2210 (PHYS 3210). Mechanics-Statics. 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 2121 and MATH 2080.* **(3, Fa)**

ENGR 2630 (PHYS 2630). Analytical Methods for Physics and Engineering. 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 2121 and MATH 2080. Corequisite: MATH 2530.* **(3, Fa)**

ENGR 3010 (PHYS 3010). Electricity and Magnetism I. 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 2121, PHYS 2630, MATH 2030, and MATH 2080.* **(3, Fa)**

ENGR 2020 (PHYS 3020). Mechanics-Dynamics. Systematic presentation of elements of classical mechanics using vector algebra and vector calculus. Topics include kinematics, kinetics, work, energy, impulse, and momentum. *Prerequisites: PHYS 2121 and MATH 2080.* **(3, Sp)**

ENGR 3030 (PHYS 3030). Optics. Study of the theories of geometrical and physical optics, including reflection, refraction, interference, diffraction, polarization, double-refraction, and lasers. *Prerequisites: PHYS 2121 or 2020 and MATH 2070.* **(3, Fa)**

ENGR 3040 (PHYS 3040). Thermodynamics. Study of heat and temperature, the thermodynamics laws, work, ideal gases, engines, refrigeration, reversibility, entropy, phase transitions. *Prerequisites: PHYS 2121 or PHYS 2020 and MATH 2030.* **(3, Sp)**

ENTR - ENTREPRENEURSHIP

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.

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)*

FINC - FINANCE

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.

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. *Prerequisite(s): None. (3, FaSp, EXP)*

*May not be used as a Finance concentration elective

FINC 3010 (ECON 3010). Monetary and Fiscal Policy. 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 (ECON 3080). Public Finance. 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 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 (ECON 3200). Managerial Economics. 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 3170. (3)*

FINC 4999. Senior Comprehensives. *Prerequisite(s): Senior standing. (0, FaSp)*

FREN - FRENCH

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.

FREN 1010-1020. Elementary French. Usually offered fall and spring semesters. 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. **(3-3, FaSpSu)**

FREN 1090. Conversation and Culture. An accelerated course built around two organizing principles, the development of language communicative competency 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).* **(3)**

FREN 1091. Conversation and Culture II. Second course in the French conversation and culture sequence. Accelerated acquisition of oral proficiency, cultural knowledge, and writing competency. Cultural component includes African and Afro-Francophone readings, films, and music. *Prerequisite: FREN 1090 or equivalent.* **(3)**

FREN 2010-2020. Intermediate French. 2010 usually offered fall semester; 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 audio-visuales required. Readings from texts by Francophone writers, especially North African (2nd semester). *Prerequisites: FREN 1010-1020 or equivalent as determined by placement exam.* **(3-3)**

FREN 3001-3002. 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 chairperson.* **(3-3)**

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 3011-3012. 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 2010-2020 or permission of instructor and department chairperson.* **(3-3)**

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 2010-2020.* (3)

FREN 3022 (WMST 3022). Afro-Francophone Women Writers. 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 2010-2020 or permission of instructor and department chairperson.* (3)

FREN3120. Survey of Seventeenth and Eighteenth Century French Literature. This course is a survey of works by significant authors of the seventeenth and eighteenth centuries in France, with emphasis upon the theatre in the seventeenth century and the Enlightenment *philosophes* of the eighteenth. Through viewing of films and dramatization in class and from on-line audio sources as well as through more traditional classroom discussions, students will discern the main themes and genres of the best-known works of the two centuries and will situate them in their historical and cultural backgrounds. (3)

FREN 4010. Littérature africaine francophone. 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 (SPAN 4025). Afro-Latin American and Louisiana Oral Traditions: West African Tales and their Transmission to the New World. 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 (LANG 4030, SPAN 4030). Afro Latin American Culture and Civilization. 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 4031-4041, 4032-4042, 4033-4043. 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 chairperson.* (1-1, 2-2, 3-3)

FREN 4050. Internship. Placement in a supervised work or research situation using French. *Prerequisite: Permission of department chairperson.* (3)

FREN4051-4052. 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. (3-3)*

FREN4053 (LANG 4053, SPAN 4053). Introduction to Literary Criticism of Spanish, Hispanic, American, French, and Francophone Literature. 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. (LANG 4080, SPAN 4080). Foreign Language Teaching Methodology. 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)

FREN4999. Senior Comprehensives. (0)

FRSM – 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)**

GEOG - GEOGRAPHY

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.

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)**

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)**

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)**

GREK – GREEK

GREK 1124/1125 (THEO 1124/1125). Introduction to Biblical Greek. 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. Successful completion of GREK/THEO 1124 is a pre-requisite for GREK/THEO 1125.* **(3-3)**

HBWR – HEBREW

HBWR 1122/1123 (THEO 1122/1123). Introduction to Biblical Hebrew. 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. HBWR/THEO 1122 is a prerequisite for HBWR/THEO 1123.* **(3-3)**

HIST - HISTORY

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.

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, Fa)**

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 (WMST 1500). Women in World History. 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. Conquest and Colonization 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)**

HIST 2200 (THEO 2200). **Islam: Origins and Historical Impact.** 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 (THEO 2250). **Religions of the Ancient Near East.** 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: One 1000-level Theology course.* **(3)**

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.** 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 socio-economic and political structure. Fulfills history major requirement for three upper-level credits of US History. *Prerequisite: 3 credits of HIST.* **(3)**

HIST 3010 (WMST 3010). **Women in International Contexts.** 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 (AFAM 3050). **Gandhi and King: Nonviolent Philosophy of Conflict Resolution.** 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 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 (AFAM 3350). African American History I. 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 (AFAM 3360). African American History II. 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 3370. Civil War and Reconstruction. Deals with the crises and complexities involved in the Civil War and Reconstruction. Explores background of the war and issues of the post-war era. Also examines consensus and conflict over reunion and reconstruction. Fulfills history major requirement for three upper-level credits of US History. *Prerequisite: 3 credits of HIST. (3)*

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. 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 (WMST 3390). African American Women's History. 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. 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. 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. 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)

HIST 3800. Race in the Americas. 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, 4502, 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 chairperson.* *Prerequisite: 9 credits of HIST.* (1, 2, 3)

HIST 4999. Senior Comprehensives. (0)

HLTH – HEALTH

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.

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, FaSp)*

HLTH 2130. Personal and Environmental Health. At the completion of this course, students will have gained an understanding of the various aspects of implementation of procedures, policies, accident prevention techniques, and remedial action necessary for living a healthy, long life. *Prerequisite(s): None. (3)*

IPSC – Integrated Physical Science

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.

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)*

JAPN – JAPANESE

JAPN 1010. Elementary Japanese I. Introductory course for students with little or no training in Japanese: the basic grammatical structures and the *kana* syllabary are introduced. Students should be able to construct simple descriptive sentences and communicate at least at a basic level in every-day conversation with the use of greetings as well as personal information on topics such as daily routines and similar topics. **(3)**

JAPN 1020. Elementary Japanese II. The course continues with the development of basic communicative tasks fundamental to language proficiency and culture. About 60 *kanji* (Chinese characters) will be introduced. Students should be able to discuss the further daily life of themselves as well as others on such topics as preferences and certain activities like shopping. *Prerequisite: JAPN 1010 or equivalent as determined by placement exam. (3)*

JAPN 4050. Internship. Placement in a supervised work or research situation involving Japanese. *Prerequisite: permission of department chair. (3)*

LATN - LATIN

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.

LATN 1010-1020. Elementary Latin. Grammar, basic vocabulary, graded readings. (3-3, Fa-Sp)

LATN 2010-2020. Intermediate Latin. Review of grammar and additional reading. Selections from ancient authors. (3-3, Fa-Sp)

LANG - LANGUAGES

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.

LANG 4030 (FREN 4030, SPAN 4030). Afro Latin-American Culture and Civilization. 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 (FREN 4053, SPAN 4053). Introduction to Literary Criticism of Spanish, Spanish American, French, and Francophone Literature. 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 (FREN 4080, SPAN 4080). Foreign Language Teaching Methodology. 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)

MDRN - MANDARIN

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.

MDRN 1010/1020. Elementary Mandarin. Grammar, basic vocabulary, simple conversation, reading, and writing. (3-3)

MATH - MATHEMATICS

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.

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. Drill sessions 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* (STAT 2010). **Basic Statistics I.** Descriptive statistics, probability and statistical inference. *Prerequisite: Completion of all developmental mathematics deficiencies.* **(3, FaSpSu, EXP)**

*Students may not receive credit for both MATH 2010 (STAT 1020) and ECON 2070.

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 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 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 1070/1070H Introductory Calculus/Honors.* **(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 1030-I.* **(3)**

MATH 2030. **Elementary Linear Algebra.** Systems of equations, matrices, determinants, vector spaces, eigenvalues, linear mappings, etc. *Corequisite: MATH 1070. Prerequisite: Grade of "C" or better in MATH 1030 or MATH 1030I.* **(3, FaSp)**

MATH 2040 (STAT 2020). **Basic Statistics 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 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.* **(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 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.* **(4, FaSp)**

MATH 2150L (STAT 2150L). **Statistics Technology Lab.** 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.* **(1, Sp)**

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.* (3, FaSp)

MATH 2550. Discrete Structures for Computer Science and Mathematics I. Topics in combinatorics and graph theory; permutations and combinations, graphs and trees, recurrence relations, applications of combinatorics to discrete probability. *Prerequisite: Grade of "C" or better in PHIL 2040 and MATH 1070.* (3, Fa)

MATH 2560. Discrete Structures for Computer Science and Mathematics II. Topics of mathematical structures with applications in computer science: logical foundations and induction, sets, relations, recurrence relations, functions, introduction to algebraic structures. *Prerequisite: Grade of "C" or better in MATH 2550.* (3, Sp)

MATH 3010/3010D (STAT 3010/3010D). Biostatistics. 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 1070/1070HN.* (3/0, 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. *Corequisite: MATH 2530. Prerequisites: Grade of "C" or better in MATH 2080 and working knowledge of some programming language.* (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 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 (STAT 4040). 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: MATH 2080; grade of "C" or better in MATH 2550 or permission of the instructor.* (3, Fa)

MATH 4045 (STAT 4045). 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 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 4095/4095D. Abstract Algebra/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 4095 has three lectures per week and MATH 4095D meets once per week. *Prerequisites: MATH 2560 or permission of the instructor. Corequisite: MATH 4095D.* (3/0, Sp)

MATH 4201, 4202, 4203. Special Topics. Topics may vary from semester to semester. May be repeated for credit when the topic changes. *Prerequisites: Permission of the instructor.* (1, 2, 3)

MATH 4511-4521 (STAT 4511-4521). Colloquium. 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. 4511 is prerequisite to 4521.* (1-1)

MATH 4999. Senior Comprehensives. (0)

MGMT — 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 (SMKT 3090). Customer Relationship Management. 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 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 ECON2070. (3, Fa)*

MGMT 3530 (SMKT 3530). Sales Force Management. Organization, communications process, group influences, forecasting, recruiting, training, design, motivation, supervision, compensation, control of sales organizations. *Prerequisite(s): SMKT 2050. (3, Fa)*

MGMT 3780 (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 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 (BSAD 4999). Senior Comprehensives. *Prerequisites: senior standing. (0, FaSp)*

MSCM - MASS COMMUNICATION

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.

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, FaSp, 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, Sp, EXP)**

MSCM 1210 (ART 1210, CPSC 1210). Engaging Digital Media. 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)*

MSCM 2007, 3007, 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.) *Prerequisite: MSCM 2222. (1-1-1, FaSp)*

MSCM 2008, 3008, 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.) *Prerequisite: MSCM 2222. (1-1-1, FaSp)*

MSCM 2009-3009-4009. 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.) *Prerequisite: MSCM 1200. (1-1-1, FaSp)*

MSCM 2030. Principles of Public Relations. 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. Writing for the Print Media. Basic writing, rewriting, and editing of newspaper stories. Processes and procedures of information gathering including interviewing and investigative techniques. *Prerequisite: ENGL 1010 and 1020. (3, FaSp)*

MSCM 2500. Writing for Radio and Television. Basic script-writing from commercials to news and drama. *Prerequisite: ENGL 1010 and 1020. (3, Sp)*

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. (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 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 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 3060. Writing for Public Relations. 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 3150. News Editing. Editorial functions of the print media; copy editing, headline writing, management of photographs, and general editorial decision making. *Prerequisite: MSCM 2222. (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, Sp)*

MSCM 3250. News Reporting. Advanced reporting, interviewing, and writing techniques for the print media. *Prerequisites: MSCM 2222. (3)*

MSCM 3400. Desktop Publishing. 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, 1200. (3, EXP)*

MSCM 4000. Feature Writing for Newspapers and Magazines. Interviewing, reporting, and writing skills for writing newspaper and magazine feature stories. *Prerequisite: MSCM 2222. (3)*

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, 3210, and 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, 3210, and 3190, but MSCM 3210 may be taken concurrently with permission of the instructor. (3)*

MSCM 4060. Public Relations 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, 2030, and 3060.* (3)

MSCM 4131, 4132, 4133. Independent Study. Opportunity for in-depth study or research in an area of interest in mass communications. Area of study to be determined by student in consultation with supervising instructor. *Prerequisite: Permission of instructor.* (1, 2, 3)

MSCM 4200. Integrated Communications for Public Relations. 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, FaSpSu)

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, 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)

MUAP – APPLIED MUSIC (PRIVATE INSTRUCTION)

Students should confer with the Music Department chairman on registration day for assignment to an instructor. In so far as possible, the student's choice of a teacher will be respected. (Courses carry instrument suffix.)

MUAP 1834xx-1844xx.

MUAP 2834xx-2844xx.

MUAP 3834xx-3844xx.

MUAP 4834xx-4844xx. Private music instruction. Two one-hour lessons and a minimum of 20 hours practice per week. (4-4)

MUAP 1733xx-1743xx.
MUAP 2733xx-2743xx.
MUAP 3733xx-3743xx.
MUAP 4733xx-4743xx. **Private music instruction.** One one-hour lesson and a minimum of 15 hours practice per week. **(3-3)**

MUAP 1632xx-1642xx.
MUAP 2632xx-2642xx.
MUAP 3632xx-3642xx.
MUAP 4632xx-4642xx. **Private music instruction.** One one-hour lesson and a minimum of 10 hours practice per week. **(2-2)**

MUAP 1531xx-1541xx.
MUAP 2531xx-2541xx.
MUAP 3531xx-3541xx.
MUAP 4531xx-4541xx. **Private music instruction.** One half-hour lesson and a minimum of 6 hours practice per week. **(1-1)**

MUEN – VOCAL AND INSTRUMENTAL ENSEMBLES

MUEN 1010S-1020S, 2010S-2020S, 3010S-3020S, 4010S-4020S. **Symphonic Band.** Open to all students of the University community, except music majors. **(2 each for non-music majors only)**

MUEN 1010U-1020U, 2010U-2020U, 3010U-3020U, 4010U-4020U. **University Chorus.** Open to all members of the University community, except music majors. No audition necessary, but previous choral experience required. **(2 each for non-music majors only)**

MUEN 1030C-1040C, 2030C-2040C, 3030C-3040C, 4030C-4040C. **Concert Choir.** Membership limited by audition. Not open to music majors. **(2 each for non-music majors only)**

MUEN 1051J-1061J, 2051J-2061J, 3051J-3061J, 4051J-4061J. **Jazz Laboratory Band.** Study and performance of modern jazz literature. Not open to music majors. **(2 each for non-music majors only)**

MUEN 1310U-1320U, 2310U-2320U, 3310U-3320U, 4310U-4320U. **University Chorus.** Open to all members of the University community. No audition necessary, but previous choral experience required. **(1 each)**

MUEN 1330C-1340C, 2330C-2340C, 3330C-3340C, 4330C-4340C. **Concert Choir.** Membership limited by audition. **(1 each)**

MUEN 1331xx, 1332xx, 1333xx - 1341xx, 1342xx, 1343xx.
MUEN 2331xx, 2332xx, 2333xx - 2341xx, 2342xx, 2343xx.
MUEN 3331xx, 3332xx, 3333xx - 3341xx, 3342xx, 3343xx.
MUEN 4331xx, 4332xx, 4333xx - 4341xx, 4342xx, 4343xx. **Chamber Ensemble.** Study and performance of chamber music in various instrumental combinations. (Courses carry instrument suffix.) **(1, 2, 3 - 1, 2, 3)**

MUEN 1351O, 1352O, 1353O - 1361O, 1362O, 1363O.
MUEN 2351O, 2352O, 2353O - 2361O, 2362O, 2363O.
MUEN 3351O, 3352O, 3353O - 3361O, 3362O, 3363O.
MUEN 4351O, 4352O, 4353O - 4361O, 4362O, 4363O. **Opera Workshop.** Staged productions of operas and operatic scenes. **(1, 2, 3 - 1, 2, 3)**

MUEN 1370C-1380C, 2370C-2380C, 3370C-3380C, 4370C-4380C. Contemporary Group. Study and performance of a variety of contemporary musical styles. (1 each)

MUEN 1910S-1920S, 2910S-2920S, 3910S-3920S, 4910S-4920S. Symphonic Band. Open to all students of the University community. (1 each)

MUEN 1951J-1961J, 2951J-2961J, 3951J-3961J, 4951J-4961J. Jazz Laboratory Band. Study and performance of modern jazz literature. (1 each)

MUME – 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. (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 4061T/4061S. Student Teaching in Music/Seminar in Student Teaching in Music. See EDSC 4061/4061S. (9/0)

MURE – MUSIC RECITALS

MURE 1070A-1070B, 2070A-2070B, 3070A-3070B, 4070A-4070B. 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 4000. Senior Recital. Required during senior year of all performance majors. (0)

MUSH – 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. Pre-requisite: MUSH 1050. (3)

MUSH 2060. **Music History II.** Music of the Baroque era. *Prerequisite: MUSH 1050.* (3)

MUSH 2130-2140. **Afro-American Music.** Music of the African American. (3-3)

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)

MUSM – MUSICIANSHIP

MUSM 1200. **Italian Diction.** Rules of pronunciation in basic Italian song literature. (1)

MUSM 1211,1212 - 1221, 1222. **Voice Class I – II.** Principles of voice production. (1,2 - 1,2)

MUSM 1270-1280. **Piano Class I – II.** Fundamental piano techniques. (1-1)

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 2211,2212 - 2221,2222. **Voice Class III – IV.** More advanced approach to voice production. *Prerequisite: MUSM 1211-1221 or private voice study.* (1,2 - 1,2)

MUSM 2270-2280. **Piano Class III – IV.** Continuation of basic piano techniques. *Prerequisite: MUSM 1270-1280 or private piano study.* (1-1)

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 3270-3280. Piano Class V – VI. Advanced techniques of piano study. *Prerequisites: MUSM 2270-2280.* (1-1)

MUSM 4001, 4002, 4003. Directed Readings in Music. (1, 2, 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, 4102, 4103. Special Topics in Music. Selected studies in the history, literature, performance, or theory of music. (1, 2, 3)

MUSM 4210-4220. Vocal Pedagogy and Literature I – II. Pedagogical and historical concepts in vocal study, vocal production and vocal literature. *Prerequisite: Junior or senior status.* (2-2)

MUSM 4250-4260. Major Applied Instrument Pedagogy and Literature I – II. Pedagogical and historical concepts of the major applied instruments, methodologies, and literature. *Prerequisite: Junior or senior status.* (2-2)

MUSM 4270-4280. Piano Pedagogy and Literature I – II. Pedagogical and historical concepts in piano study, methodologies and literature. *Prerequisite: Junior or senior status.* (2-2)

MUSM 4999. Senior Comprehensives. Required in last semester of residence for Bachelor of Arts majors. (0)

MUST – MUSIC THEORY

MUST 1030-1040. Music Theory I – II. Rudiments of music; part-writing techniques; primary, secondary triads and dominant sevenths and inversions. *Prerequisite for MUST 1030: entrance examination. MUST 1030 is prerequisite for MUST 1040.* (3-3)

MUST 1030L-1040L. Music Theory Lab I – II. Emphasis on sight-reading, ear-training, and dictation. *Prerequisite for MUST 1030L: entrance examination or MUST 1000. MUST 1030L is prerequisite for MUST 1040L.* (1-1)

MUST 2030-2040. Music Theory III – IV. Advanced part-writing; seventh chords, secondary dominants, simple and advanced alterations; modulation; chromatic harmony; 20th century applications. *Prerequisite: MUST 1030-1040. MUST 2030 is prerequisite for MUST 2040.* (3-3)

MUST 2030L-2040L. Music Theory Lab III – IV. Advanced sight-reading, ear-training, and dictation. *Prerequisite: MUST 1030L-1040L. MUST 2030L is prerequisite for MUST 2040L.* (1-1)

MUST 3030. Eighteenth Century Counterpoint. Contrapuntal techniques and stylistic functions found in Baroque forms; practical application to writing in this style. *Prerequisites: MUST 1030-1040 and MUST 2030-2040. (2)*

MUST 3090. Orchestration. Study of and writing for orchestral instruments. *Prerequisites: MUST 1030-1040 and 2030-2040. (2)*

MUST 3111-3112. Composition I – II. Study of compositional methods and writing in small forms. *Prerequisites: MUST 1030-1040 and MUST 2030-2040. (2-2)*

MUST 4030-4040. Analytical Techniques I – II. Historical analysis of music from Medieval to Contemporary era. *Prerequisites: MUST 1030-1040 and MUST 2030-2040. (2-2)*

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)**

PADM – PUBLIC ADMINISTRATION

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.

PADM 2050 (PSCI 2050). Introduction to Public Administration. Introduction to concepts, processes and methods involved in administration of public agencies, including a survey of approaches used in the study of Public Administration. *Prerequisite(s): None (3, Sp)*

PADM 3360 (PSCI 3360). Public Policy. 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 3363 (PSCI 3363). Environmental Policy. Examines the interrelationship between policy making and the human environment. This course will provide students with basic environmental literacy, outline policy making process, explore issues of environmental ethics, review the nexus between science and environmental policy making, and study the leadership roles African Americans assume in the environmental policy making process. *Prerequisite(s): None (3, 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, 4902, 4903. Independent Study. Intensive individual readings on topic agreed upon by student, instructor, and chairperson. *Prerequisite: Permission of instructor and chairperson.* (1, 2, 3)

PADM 4911, 4912, 4913. Independent Research. Research project on topic agreed upon by student, instructor, and chairperson. *Prerequisite: Permission of instructor and chairperson.* (1, 2, 3)

PADM 4953UV/4956UV. 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 chairperson.* (3 for 10 hrs/week field assignment / 6 for 20 hrs/week field assignment)

PHED – PHYSICAL EDUCATION

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.

PHYSICAL EDUCATION ACADEMIC COURSES

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. Physical education majors and minors must complete an on-site Practicum at an assigned elementary school. *Prerequisite(s): None.* (3, Fa)

PHYSICAL EDUCATION TEST-OUT COURSES*

*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 0990B. Physical Education Requirement Basketball. New freshman and new transfer students' skills test in basketball. (0, FaSp)

PHED 0990V. Physical Education Requirement Volleyball. New freshman and new transfer students' skills test in volleyball. (0, FaSp)

PHED 0990T. Physical Education Requirement Tennis. New freshman and new transfer students' skills test in tennis. (0, FaSp)

PHED 0990M. Physical Education Requirement Stunt/Tumbling. New freshman and new transfer students' skills test in stunts/tumbling. (0)

PHED 0990G. Physical Education Requirement Gymnastics. New freshman and new transfer students' skills test in gymnastics. **(0, FaSp)**

PHED 0990S. Physical Education Requirement Swimming. New freshman and new transfer students' skills test in swimming. **(0, FaSp)**

PHED 0990F. Physical Education Requirement Folk Dancing. New freshman and new transfer students' skills test in folk dance. **(0, FaSp)**

PHYSICAL EDUCATION ACTIVITY COURSES

PHED 1010. Introduction to Team Games. At the completion of this course, students will be able to display knowledge, competency and fundamental skill proficiency in soccer and basketball. *Prerequisite(s): None. (1)*

PHED 1020. Introduction to Team Games. At the completion of this course, students will be able to display knowledge, competency and fundamental skill proficiency in volleyball and softball. *Prerequisite(s): None. (1)*

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 2020. Golf. At the completion of this course, students will be able to display knowledge, competency and fundamental skill proficiency in golf. *Prerequisite(s): None. (1)*

PHED 2040. Stunts and Tumbling. At the completion of this course, students will be able to display knowledge, competency and skill proficiency in executing fundamental stunts and tumbling. *Prerequisite(s): None. (1)*

PHED 2050. Gymnastics. At the completion of this course, students will be able to display knowledge, competency and proficiency in executing fundamental apparatus and mat skills. *Prerequisite(s): None. (1)*

PHED 2080. Modern Dance. At the completion of this course, students will be able to display knowledge, competency and proficiency in executing fundamental modern dance movements. *Prerequisite(s): None. (2)*

PHED 2090. Advanced Modern Dance. At the completion of this course, students will be able to display knowledge, competency and proficiency in advanced modern dance movements. *Prerequisite(s): PHED 2080. (2)*

PHED 2140. Fundamentals of Swimming. At the completion of this course, students will be able to display knowledge, competency and proficiency in fundamental swimming skills. *Prerequisite(s): None. (1)*

PHED 2145. Intermediate Swimming. At the completion of this course, students will be able to display knowledge, competency and proficiency in the basic swimming strokes. *Prerequisite(s): PHED 2140 or permission of instructor. (1)*

PHED 2150. Advanced Swimming. At the completion of this course, students will be able to display knowledge, competency and proficiency in the advanced strokes and lifesaving techniques. *Prerequisite(s): PHED 2145. (1)*

PHED 2160. Archery and Badminton. At the completion of this course, students will be able to display knowledge, competency and fundamental skill proficiency in archery and badminton. *Prerequisite(s): None. (2)*

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 3070. Major Team 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 major team sports. *Prerequisite(s): None. (2)*

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)*

PHIL – PHILOSOPHY

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.

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. *Prerequisite: Completion of required non-degree credit 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. *Prerequisite: Completion of required non-degree credit Reading course.* (3, FaSp)

THE FOLLOWING COURSES MAY BE TAKEN EITHER AS INTRODUCTORY COURSES OR AS UPPER LEVEL COURSES.

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. *Prerequisite: Completion of required non-degree credit 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. *Prerequisite: Completion of required non-degree credit 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. *Prerequisite: Completion of required non-degree credit 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. *Prerequisite: Completion of required non-degree credit 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. *Prerequisite: Completion of required non-degree credit Reading course.* (3)

Upper Level Courses

PHIL 2080. **African American Philosophy.** 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: 3 semester hours in philosophy.* (3, EXP)

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. *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. *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. *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. *Prerequisite: 3 semester hours in philosophy.* (3, FaSp, EXP)

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. *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. *Prerequisite: 3 semester hours in philosophy.* (3, EXP)

PHIL 4001, 4002, 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. *Prerequisite: six semester hours in philosophy and permission of chairperson.* (1, 2, or 3)

PHIL 4999. **Senior Comprehensives.** (0)

PHYS – PHYSICS

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.

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 1121-2111-2121) 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 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 2010/2010L. **General Physics I.** Offered each semester and 1st summer session. First of a two-course sequence (PHYS 2010-2020) treating the fundamental laws and principles of the various fields of physics: mechanics and heat. *Prerequisite: Grade of "C" or better in MATH 1030. (3/1, FaSu)*

PHYS 2020/2020L. **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. (3/1, SpSu)*

PHYS 2111. **General Physics II.** Usually offered fall and spring semesters. Second of a three-course sequence (PHYS 1121-2111-2121) 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. *Corequisite: MATH 2070. Prerequisite: PHYS 1121. (4, FaSp)*

PHYS 2121. **General Physics III.** Usually offered fall and spring semesters. Third of a three-course sequence (PHYS 1121-2111-2121) 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. *Corequisite: MATH 2080. Prerequisite: PHYS 2111. (4, FaSp)*

PHYS 2630 (ENGR 2630). Analytical Methods for Physics and Engineering. 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 2121 and MATH 2080. Corequisite: MATH 2530. (3,SP)*

PHYS 3010 (ENGR 3010). Electricity and Magnetism I. 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 2121, 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 and MATH 2530. (3, Sp)*

PHYS 3020 (ENGR 2020). Mechanics-Dynamics. 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 2121 and MATH 2080. (3, Fa)*

PHYS 3030 (ENGR 3030). Optics. Usually offered fall semester. Study of theories of geometrical and physical optics, including reflection, refraction, interference, diffraction, polarization, double-refraction, and lasers. *Prerequisites: PHYS 2121 or 2020 and MATH 2070. (3, Fa)*

PHYS 3040 (ENGR 3040). Thermodynamics. Usually offered spring semester. Study of heat and temperature, the thermodynamics laws, work, ideal gases, engines, refrigeration, reversibility, entropy, phase transitions. *Prerequisites: PHYS 2121 or PHYS 2020 and MATH 2030. (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 2121 or PHYS 2020 and MATH 2070. (3, Fa)*

PHYS 3120 (ENGR 2120/CPEN 2210). Circuits I. 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 2121 and 2630 and MATH 2030 and 2080. (3, Sp)*

PHYS 3210 (ENGR 2210). Mechanics-Statics. 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 2121 and MATH 2080. (3, FaSp)*

PHYS 3310L. Advanced Laboratory. Usually offered fall semester. For physics and engineering majors. Sophisticated experiments in optics and Modern Physics. *Prerequisite: junior or senior status. (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: junior or senior status.* **(1, Sp)**

PHYS 3510S - 3520S. **Physics and Engineering Seminar.** 3510 usually offered fall semester; 3520 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. **(1-1, Fa-Sp)**

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, FaSp)**

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)**

PSCI – POLITICAL SCIENCE

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.

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 (PADM 2050). Introduction to Public Administration. Introduction to concepts, processes and methods involved in the administration of public agencies, including a survey of approaches used in the study of public administration. *Prerequisite(s): None (3, Sp)*

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. 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 2390. State Politics. Politics at the state level, including the relationship of state government to local governments, state party politics, legislative and executive processes. *Prerequisite(s): PSCI 1020. (3)*

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. 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 3040. International Organization. This course examines the historical, structural-functional, and decision-making approaches of international organizations. Emphasis will be on the United Nations and its specialized agencies, and other international organizations established specifically for political, economic and military purposes. *Prerequisite(s): None (3)*

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 (CMST 2133). Mock Trial and Debate. 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. Political Thought. Survey of the history of political thought from the Greeks to the present, emphasizing major political thinkers and the classic writings of political theory. *Prerequisites: PSCI 1010 or permission of department Chair (3, Fa)*

PSCI 3270. Modern Political Thought. An analysis of modern political thought and its influence on issues facing the contemporary world such as constitutional design, the role of community, the nature of rights and liberties, and the meaning and application of justice. *Prerequisites: PSCI 1010 or permission of department Chair (3, Sp)*

PSCI 3360 (PADM 3360). Public Policy. 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 3363 (PADM 3363). Environmental Policy. Examines the interrelationship between policy making and the human environment. This course will provide students with basic environmental literacy, outline policy making process, explore issues of environmental ethics, review the nexus between science and environmental policy making, and study the leadership roles African Americans assume in the environmental policy making process. *Prerequisite(s): None. (3, EXP)*

PSCI 3380. Presidency and Congress. Analysis of the structure of the American presidency and congress as well as the political forces which shape these institutions and their policies. *Prerequisite(s): None. (3)*

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 3640. American Foreign Policy. This course provides the student with a comprehensive examination of the American foreign policy-making process. Special emphasis is placed on the role of various governmental institutions in the making and execution of policy; influences which shape American foreign policy; and decision-policy models within which the student can gain a greater appreciation of the events which shape our world. *Prerequisite(s): None (3, EXP)*

PSCI 4050. African Politics and Government. 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 4650. Industrialized Democracies. Origin and development of the theory of democracy and its application to contemporary political systems. Focus on political processes, institutions, and policies of selected governments. *Prerequisite(s): None (3, EXP)*

PSCI 4800. Advanced Research in the Behavioral Sciences. Intended for students preparing for a research-oriented career or planning on pursuing graduate study in their discipline. Focus on quantitative analysis of data using SPSS and the presentation of reports and hypothesis testing. Students will complete a significant research project within a general topic area and use a large data set selected by the instructor. *Prerequisites: PSCI 2511 and PSCI 2010, or consent of instructor. (3)*

PSCI 4901, 4902, 4903. Independent Study. Intensive individual readings in areas agreed upon by student, instructor, and chairperson. *Prerequisite: Permission of instructor and chairperson. (1, 2, 3)*

PSCI 4911, 4912, 4913. Independent Research. Research project on topic agreed upon by student, instructor, and chairperson. *Prerequisite: Permission of instructor and chairperson. (1, 2, 3)*

PSCI 4920UV. Seminar in Urban Studies. In-depth study of a particular urban policy area such as housing, race, transportation, employment, welfare, etc. Field observations and class reports included. *Prerequisite: PSCI 1020 and permission of the 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 Black Political Organizations, New Orleans Politics, Politics of Education, Women and Politics, etc. *Prerequisite: PSCI 1010 and permission of the instructor and chairperson. (3)*

PSCI 4953UV/4956UV. 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 chairperson.* (3 for 10 hrs/week field assignment; 6 for 20 hrs/week field assignment)

PSCI 4963/4966. 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 chairperson.* (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).

PSYC – PSYCHOLOGY

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.

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 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 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: PSYC 1010, PSYC 2511 or MATH 1020 or STAT 2010, and PSYC 2020. (3, FaSp)*

PSYCHOLOGY 1010, 2020, AND 2512, OR PERMISSION OF THE INSTRUCTOR ARE THE PREREQUISITES FOR ALL 3000- AND 4000-LEVEL PSYCHOLOGY COURSES. ADDITIONAL PREREQUISITES ARE NOTED IN APPROPRIATE COURSE DESCRIPTIONS.
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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. **(3)**

PSYC 3020 (EDUC 3020). Child Psychology. Study of physiological, intellectual, social, emotional, and moral factors affecting child growth and development. **(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. **(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. **(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. *Prerequisite: PSYC 3010. (3, EXP)*

PSYC 3040 (EDUC 3040). Educational Psychology. 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. **(3, Fa)**

PSYC 3041. Black Psychology. 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)

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. (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: BIOL 1030 or 1230.* (3)

PSYC 3080. Abnormal Psychology. Classifications from DSM-IV 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 pathophysiologic processes when they are known. (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. (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. *Prerequisite: 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. (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. (1)

PSYC 4000S. Seminar. Content varies according to current developments in field of psychology and student needs. (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. (3)

PSYC 4011, 4012, 4013. Independent Study. Intensive individual readings on topic agreed upon by student and the instructor. *Prerequisite: Permission of instructor and chairperson.* (1, 2, 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. (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. *Prerequisite: PSYC 3080.* (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. (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. (3)

PSYC 4090 (EDUC 4090). Adolescent Psychology. Characteristics and attendant problems of adolescent growth and development. Relevant techniques in teaching and guidance based on modern research. *Prerequisite: 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. *Prerequisite: PSYC 3080.* (3)

PSYC 4398-4399. Clinical Practicum. 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. *Prerequisite: 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: Completion of the majority of major courses.* (3, FaSp)

PSYC 4999. Senior Comprehensives. (0, FaSp)

PSYC (EDUC) 3020, 3040, AND 4090 COUNT ONLY TOWARD EDUCATION AND ELECTIVE CREDIT, BUT NOT TOWARD THE PSYCHOLOGY MAJOR.
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PHLT – PUBLIC HEALTH SCIENCES

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.

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 use 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 4001. Ethics in Public Health. Introduction to concepts and key issues in public health ethics such as risk and precaution, engaging individuals as equal partners, and the importance of addressing health inequalities. *Prerequisites: PHLT 2001, PHLT 2002.* **(3)**

PHLT 4002. Introduction to Global Health. A basic course exploring determinants of global health, global health polices, and health outcomes of global health interventions. *Prerequisites: PHLT 2002, PHLT 3001.* **(3)**

PHLT 4004. Senior Internship. 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. Requires completion of weekly activity logs, final internship report, and oral presentation. Graded on Pass/Fail basis. *Prerequisites: Completion of all 36 degree credit hours, 2.0 or above grade point average, and passing of senior comprehensive examination – PHLT 4999.* **(9)**

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)*

RDNG - READING

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.

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 that enable students to become effective readers and to meet the demands of college reading. (3, non-degree credit hours, FaSpSu)

RDNG 0992i. 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 while

SMKT - SALES AND MARKETING

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.

SMKT 2020 (ART 2020). Introduction to Graphic Design. 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 (MGMT 3090). Customer Relationship Management. 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 (MGMT 3530). Sales Force Management. 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 (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. *Prerequisite(s): senior standing.* (3, Sp, EXP)

SMKT 4999. Senior Comprehensives. *Prerequisite(s): Senior standing.* (0, FaSp)

SOCI - 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 (WMST 2040). Sociology of Gender. 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 (AFAM 2060). Race and Ethnic Relations. 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 (AFAM 3025). African American Urban Life. 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: AFAM 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 4000. Society and the Individual.** This course is an overview of the sociological foundations of human behavior in everyday life. Special attention is given to human behavior in institutional and societal settings, with an emphasis placed upon theories of personal development and family systems. *Prerequisites: Any 1000 level sociology course, and junior or senior standing, or instructor's permission.* (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 4045. Globalization and Comparative Social Change.** This course is a sociological examination of the "developing" world. Focusing on comparative and historical in-depth analysis, students investigate various African, Asian and Latin American cultures and social structures. Specifically, the course will focus on the political economy of these continents, their historical and contemporary relations with the "West", social stratification, and comparative social structures. *Prerequisites: SOCI 1011, and junior or senior standing or instructor's permission.* (3)

SOCI 4055. Black Family. This course is a study of the Black family in the U.S. It compares and contrasts differences and similarities among Black families, especially taking into account class and family formation. This course also addresses the treatment of the Black family in academic and governmental literature. *Prerequisites: Any 1000 level sociology course, and junior or senior standing, or instructor's permission.* (3)

SOCI 4080. Race, Class and Gender Inequality. 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, 4082, 4083. Guided Readings in Sociology. This category of courses is open only to majors; non-majors must receive the approval of the departmental chairperson. Course content is dependent upon faculty discretion. *Prerequisites: Junior or senior standing, permission of instructor, and permission of departmental chairperson.* (1, 2, 3)

SOCI 4650 (WMST 4650). Sociology of Women. This course is a multi-disciplinary examination of the social, political, and economic status of women in a global context, with particular attention paid to said in U.S. society and to the differential socialization of women and men. *Prerequisite: SOCI 2040 or instructor's permission.* (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 4901, 4902, 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 chairperson.* (1, 2, 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 chairperson.* (3)

SOCI 4999. Senior Comprehensives. (0)

SPAN - SPANISH

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.

SPAN 1010-1020. 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. **(3-3, 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 1010-1020 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 2010-2020. 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 3001-3002. 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- 2020 or permission of instructor and department chairperson.* **(3-3)**

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 3011-3012. Advanced Conversation. Conversation based on texts, videos, and Web-based sources. Analysis of cultural and some literary texts. *Prerequisites: SPAN 2010-2020 or permission of instructor and department chairperson.* **(3-3)**

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 3110-3120. 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) (3-3)

SPAN 3130-3140. 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) (3-3)

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 (WMST 4015). Spanish American Women Writers. 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 (WMST 4016). Women Writers of Spain. 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.** 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 (FREN 4025). **Afro-Latin American and Louisiana Oral Traditions: West African Tales and their Transmission to the New World.** 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 (FREN 4030, LANG 4030). **Afro Latin-American Culture and Civilization.** 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 4031-4041, 4032-4042, 4033-4043. **Directed Readings in Spanish.** Readings in an area of Spanish literature mutually agreed upon by teacher and student which is not covered by a current course. *Prerequisites: Permission of instructor and department chairperson.* (1-1, 2-2, 3-3)

SPAN 4050. **Internship.** Placement in a supervised work or research situation using Spanish. *Prerequisite: Permission of department chairperson.* (3)

SPAN 4051-4052. **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 Spanish 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.* (3-3)

SPAN 4053 (FREN 4053, LANG 4053). **Introduction to Literary Criticism of Spanish, Hispanic, American, French, and Francophone Literature.** 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 (FREN 4080, LANG 4080). **Foreign Language Teaching Methodology.** 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)

SPTH - SPEECH PATHOLOGY

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.

SPTH 1320. Introduction to Communication Disorders. Definitions and methods of identifying various speech-language disorders, five hours of observation required. **(3, Fa)**

SPTH 2075. 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 2310. Phonetics. Developmental use of the International Phonetic Alphabet for normal and irregular speech patterns. **(3, Sp)**

SPTH 2340 (BIOL 2340). Anatomy and Physiology of Speech and Hearing Mechanism. Identification and function of anatomical structures pertinent to the processes of speech and hearing. **BIOLOGY CREDIT AWARDED TO SPEECH PATHOLOGY MAJORS AND MINORS ONLY.** **(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 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, Fa)**

SPTH 2920. Articulation Disorders. Study of speech development, the causes of articulation disorders and procedures and methods for evaluation and treatment. *Prerequisites: SPTH 1320 and 2310.* **(3, Fa)**

SPTH 3335. Audiology. Problems of hearing, etiologies, testing, and treatment in relation to hearing disorders. *Prerequisites: SPTH 2340 and 2500.* **(3, 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, Fa)**

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, 2340, 2500 and 3335.* **(3, Sp)**

SPTH 3560. Fluency Disorders. Exploration of stuttering theories, etiology, symptomatology, diagnosis, and treatment. *Prerequisite: SPTH 1320.* **(3)**

SPTH 3760. Methods and Materials. 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 2730.* **(3, Fa)**

SPTH 4010. 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)

SPTH 4131, 4132, 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.* (1, 2, 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 2340.* (3)

SPTH 4601P-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, 2310, 2340, 2730, 2760, and 2920.* (2-2, Fa-Sp)

SPTH 4601A-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, 3335, and 3525.* (1-2, Fa-Sp)

SPTH 4999. Senior Comprehensives. (0)

STAT - STATISTICS

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.

STAT 2010* (MATH 1020). Statistical Methods I. Descriptive statistics, probability and statistical inference. *Prerequisite: Completion of all developmental mathematics deficiencies.* (3, FaSpSu, EXP)

*Students may not receive credit for both STAT 2010 (MATH 1020) and ECON 2070.

STAT 2020 (MATH 2040). 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 STAT 2010 (or MATH 1020) or ECON 2070.* (3, FaSp, EXP)

STAT 2150L (MATH 2150L). Statistics Technology Lab. 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 3010/3010D (MATH 3010/3010D). Biostatistics. 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 1070/1070HN.* (3/0, FaSp, EXP)

STAT 4040 (MATH 4040). Mathematical Probability and Statistics I. 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: MATH 2080.* (3, Fa)

STAT 4045 (MATH 4045). 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 STAT 4040 (or MATH 4040) or permission of instructor. (3)*

STAT 4201, 4202, 4203. Special Topics. Topics may vary from semester to semester. May be repeated for credit when the topic changes. *Prerequisites: Permission of the instructor. (1, 2, 3)*

STAT 4511-4521 (MATH 4511-4521). Colloquium. 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. 4511 is prerequisite to 4521. (1-1, FaSp)*

STAT 4999. Senior Comprehensives. (0)

THEO – THEOLOGY

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.

ALL THEOLOGY COURSES ARE READING AND WRITING INTENSIVE AND THE SUCCESSFUL COMPLETION OF ALL DEVELOPMENTAL READING AND ENGLISH COURSES IS A PREREQUISITE.
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STUDENTS MAY SATISFY THE THEOLOGY SIX-SEMESTER HOUR CORE CURRICULUM REQUIREMENT BY SUCCESSFULLY COMPLETING ANY TWO THEOLOGY COURSES.
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Introductory-Level 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. **(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. **(3, FaSpSu, EXP)**

THEO 1122/1123 (HBWR 1122/1123). Introduction to Biblical Hebrew. 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. THEO/HBWR 1122 is a prerequisite for THEO/HBWR 1123. (3-3)*

THEO 1124/1125 (GREK 1124/1125). **Introduction to Biblical Greek.** 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. Successful completion of THEO/GREK 1124 is a pre-requisite for THEO/GREK 1125.* (3-3)

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. (3, FaSpSu)

Upper-Level Courses

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. (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. (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. (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. (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. (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. (3, EXP)

THEO 2100. **Comparative Religion.** Examines the relationship of Christianity to one or more of the world's religions. (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. (3)

THEO 2120. **Catholicism.** Studies the theology, doctrine, ritual and moral principles specific to the Roman Catholic Church. (3)

THEO 2150. **Theological Perspectives of African American Christianity.** Explores the meaning and theological implications of African American Christianity. (3, EXP)

THEO 2200 (HIST 2200). Islam: Origins and Historical Impact. Examines the origins of Islamic religion and culture, as well as its history and global impact, by employing theological and historical methodologies. **(3, EXP)**

THEO 2250 (HIST 2250). Religions of the Ancient Near East. 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. **(3, EXP)**

THEO 2410. Christianity in the Early Period. Explores the history of Christianity in the first five centuries. **(3, EXP)**

THEO 2420. Christianity in the Medieval Period. Explores the history of Christianity from Augustine to the Protestant Reformation. **(3)**

THEO 2440. Christianity in the Modern Period. Explores the history of Christianity from the Protestant Reformation to the present. **(3, EXP)**

THEO 2500. Moral Theology. Presents the Catholic tradition of morality with attention to selected moral issues in contemporary society. **(3, EXP)**

THEO 2600. Women in Religion. Investigates womanist and feminist issues in religion and theology.

THEO 2700. Religion and Theology in North America. Studies the development of religious and theological issues in North America. **(3, EXP)**

THEO 2800. Perspectives in Contemporary Theology. Examines contemporary national and international perspectives in theology, and the major theologians who represent them. **(3)**

THEO 3000. Sacramental Theology. Investigates the basic principles of sacramental theology in Catholicism and other Christian communities. **(3)**

THEO 3010S. Seminar. Seminar on specialized topics in the related fields of theology. **(1)**

THEO 3012S. Seminar: Research and Presentation Methods in Theology. A seminar con-ducted in conjunction with various full-time faculty members to gain practical experience in using the tools and methods appropriate to various Theological specializations. **(1)**

THEO 3020S. Seminar. Seminar to prepare for comprehensive exams. **(1)**

THEO 3030S. Seminar. Utilizes readings and lectures based on the research of individual faculty members. **(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. **(3)**

THEO 3080. Theological Understanding of the Catholic Church. Explores the essential nature of the Catholic Church from a theological perspective. **(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. **(3)**

THEO 3200. Theological Foundations of Social Justice. Investigates theological texts that give a basis for justice and its meaning for contemporary society. **(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. **(3)**

THEO 3370. History of Jewish Thought. Presents an overview of Jewish historical religious tradition. **(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. **(3, EXP)**

THEO 3500 (ENGL 3500). The Theology of Flannery O'Connor. 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: successful completion of all developmental reading and English courses.* **(3, EXP)**

THEO 3800. Environmental Issues in Christian Perspective. Explores modern and contemporary environmental issues from a Christian theological perspective. **(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. **(3)**

THEO 4001, 4002, 4003. Directed Readings. Permission of chairperson. **(1, 2, or 3)**

THEO 4999. Senior Comprehensives. **(0, FaSp)**

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, and the Master of Theology. The programs focus on the disciplines of education, counseling, and theology.

EDUCATION AND COUNSELING PROGRAMS

The Graduate course work for the Master's degree in educational leadership, counseling, and curriculum and instruction are offered in the Division of Education. Areas of specialization are listed below. In addition, programs are also offered for initial Louisiana teacher certification through the M.A.T. program and the Practitioner Teacher Program.

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
2. Curriculum and Instruction – Professional preparation for leadership in Curriculum and Instruction is offered in the following specialized areas:
 - Reading Specialist
 - Teacher Leader
 - Instructional Technology
 - Special Interest
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
 - 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
- Elem/Special Education (Grades 1-5)
- Middle School /Special Education (Grades 4-8)
- Secondary Ed/Special Education(Grades 6-12)

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 Master of Theology Program, begun at Xavier in 1980, is the only graduate program in Black Catholic Theology in the United States. 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 other Black peoples in the United States.

The Graduate Degree program blends rigorous academic and personal learning. The program equips students with methodological tools for critical understanding, analysis, and evaluation. At the same time, 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.

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); and official test results from either the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT). 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. Test scores older than five years are not acceptable. A degree from a regionally-accredited college or university which reflects an overall minimum undergraduate grade point average of 2.5 is required.

In addition, applicants for programs in the education areas must submit passing scores from the appropriate PRAXIS examinations or a valid teaching certificate where applicable.

All requirements for admission must be completed and submitted to the address below before a decision regarding acceptance can be rendered. Applications must be made by the following dates:

- Fall Semester – July 1
- Spring Semester – December 1
- Summer Sessions – May 1

For Education and Counseling students: All inquiries, requests for application forms, and completed applications should be addressed to: The Division of Education, Xavier University of Louisiana, 1 Drexel Drive; New Orleans, LA 70125.

MASTER'S DEGREE PROCEDURES

1. Inquiries:

- a. Education and Counseling students: Make all inquiries regarding your application to the Director of Graduate Admissions, Division of Education.
- 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; 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 (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. (Education and Counseling students only)
 - f. Complete health clearance requirements
3. 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 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 9 (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. Take and pass the Comprehensive Final Examination. 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. Complete graduation arrangements for Commencement which is held at the end of the Spring semester.
 - a. Education and Counseling students:
 - b. Apply to the Division of Education/Graduate Programs for a diploma before November 1.
 - i. Order hood, cap and gown before December 1.
 - ii. Pay the graduation fee of \$100. Students are encouraged to be present for the conferring of the Master's Degree.
 - iii. Request to receive the degree in absentia is to be made in writing to the Director of the Division of Education at least four weeks before commencement. An additional fee of \$25 is required (the total graduation fee for an in absentia request is \$125).
 - c. 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. Students may also participate in the Xavier Commencement the following May.

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. 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 with a minimum overall average of 2.5 (based on a 4.0 grade point scale); 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, and Theology students must complete a personal interview.

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 9 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.

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 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 are charged with the orientation and advisement of the Education and Counseling students in their concentrations. New students to the education 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 Fees and Expenses, please see the general Tuition, Fees, and Expenses 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>.

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 9 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 chairperson. 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 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 6 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 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 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 "B" (3.0) average in all required coursework. A high level of scholarship must be maintained if in graduate study is to be approved. 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.

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 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 counseling majors must take and pass the national Comprehensive Preparation Counselor Examination (CPCE) in order to receive the Master of Arts in Counseling degree. CPCE is the written comprehensive examination that satisfies the University requirement for comprehensive examinations.

c. THESIS REQUIREMENTS

A student may choose the option of writing a thesis in lieu of a written comprehensive examination. However, the student must enroll in EDCI/EDAD 7500 – Thesis – for 3 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'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.

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 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 Masters 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 M. Th. 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 Graduate Studies and 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:

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.

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 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.

**MASTER OF ARTS
M.A. EDUCATIONAL LEADERSHIP**

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

<i>Course Numbers and Titles</i>	<i>Semester Hours</i>
EDAD 5555 Visionary Leadership	3
EDAD 5555I Visionary Leadership Internship	1
EDCG 5000 Statistics	3
EDAD 5030 Collaborative Leadership	3
EDAD 5030I Collaborative Leadership Internship	1
EDAD 5570 Management of School Personnel & Finance	3
EDAD 5570I Management of School Personnel & Finance Internship	1
EDAD 5540 Educational Law	3
EDAD 5540 I Educational Law Internship	1
EDAD 5060 Curriculum Progression	3
EDAD 5060I Curriculum Progression Internship	1
EDAD 5020 Supervision of Instruction & Assessment	3
EDAD 5020 Supervision of Instruction & Assessment Intern	1
EDCG 5010 Research Methodology	3
EDAD 5040 Organizational Leadership	3
EDAD 5040I Organizational Leadership Internship	1
EDAD 5580 Capstone Seminar	2
EDAD 5999 Comprehensive Examination in Educational Leadership	0
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.

M.A. CURRICULUM AND INSTRUCTION - READING SPECIALIST

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

<i>Course Numbers and Titles</i>	<i>Semester Hours</i>
EDCG 5000 Statistics	3
EDCG 5083 Special Problems in Research	3
EDCG 5010 Research Methodology	3
GENG 5160 Writing Across The Curriculum	3
EDCI 5130 Foundations of Reading Instruction	3
EDCI 5810 Special Topics in Literacy Education	3
EDCI 5170 Diagnostic/Prescriptive Reading	3
EDCI 5200 Practicum in Reading	3
EDCI 5210 Clinical Practicum in Reading	3
EDCI 5820 Adv. Seminar: Children's Literature	3
EDCG 5775 School-Age Language Learning Problems	3
EDCI 5140 Teaching Reading in the Content Areas	3
EDCI 7500 Thesis Writing OR	3
EDCI 5999 Comprehensive Examination	0
TOTAL HOURS	36-39

M.A. CURRICULUM AND INSTRUCTION ON CERTIFICATION PROGRAMS

These programs are 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.

INSTRUCTIONAL TECHNOLOGY – NON-CERTIFICATION

<i>Course Numbers and Titles</i>	<i>Semester Hours</i>
EDCG 5000 Statistics	3
EDCG 5010 Research	3
EDCG 5090 Advanced Educational Psychology	3
EDCG 5340 Elementary School Curriculum OR	3
EDCG 5380 Secondary School Curriculum	3
EDCG 5600 Advanced Instructional Technology	3
EDCG 5700 Technology Leadership in Schools	3
EDCI 5060 Multicultural Education	3
EDCI 5140 Reading in the Content Area	3
EDCI 5440 The Exceptional Child	3
EDCI 5500 Instructional Technology	3
EDCI 5999 Comprehensive Exam	0
Elective courses (require advisor approval)	6
Total Hours	36

M.A. CURRICULUM AND INSTRUCTION TEACHER LEADER – NON CERTIFICATION

<i>Course Numbers and Titles</i>	<i>Semester Hours</i>
EDAD 5030 Collaborative Leadership	3
EDAD 5030I Collaborative Leadership Internship	1
EDAD 5555 Visionary Leadership	3
EDAD 5555I Visionary Leadership Internship	1
EDCG 5000 Statistics	3
EDCG 5010 Research	3
EDCG 5090 Advanced Educational Psychology	3
EDCG 5340 Elementary School Curriculum OR	3
EDCG 5380 Secondary School Curriculum	3
EDCI 5060 Multicultural Education	3
EDCI 5140 Reading in the Content Area	3
EDCI 5440 The Exceptional Child	3
EDCI 5999 Comprehensive Exam	0
Elective courses (require advisor approval)	6
Total Hours	35

**M.A. CURRICULUM AND INSTRUCTION
SPECIAL INTEREST – NON CERTIFICATION**

<i>Course Numbers and Titles</i>	<i>Semester Hours</i>
EDCG 5000 Statistics	3
EDCG 5010 Research	3
EDCG 5090 Advanced Educational Psychology	3
EDCG 5340 Elementary School Curriculum OR	3
EDCG 5380 Secondary School Curriculum	3
EDCI 5060 Multicultural Education	3
EDCI 5140 Reading in the Content Area	3
EDCI 5440 The Exceptional Child	3
EDCI 5999 Comprehensive Exam	0
Elective courses (require advisor approval)	15
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.

M.A. COUNSELING

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

<i>Course Numbers and Titles Area A/Core I</i>	<i>Semester Hours</i>
COUN 5000 Research Methodology and Program Evaluation	3
COUN 5005 Foundations & Ethics of the Counseling Profession	3
COUN 5010 Counseling Theories	3
COUN 5015 Counseling Techniques	3
COUN 5020 Lifestyle and Career Development	3
COUN 5025 Human Growth and Development	3

<i>Area B/Core II and Specialization</i>	
COUN 5105 Appraisal and Assessment in Counseling	3
COUN 5100 Group Work in Counseling	3
COUN 5115 Family and Systems Counseling	3
ECSS 5910 Advanced Counseling Techniques	3
COUN 5120 Crisis, Trauma, Grief, and Loss Counseling	3
COUN 5110 Psychopathology and Diagnosis	3

COUN 5130 Behavioral Disorders of Children and Adolescents	3
COUN 5125 Social & Cultural Diversity in Counseling	3
<u>School Counseling Specialization</u>	
COUN 5300 School Counseling: Principles & Administration	3
<u>Clinical Mental Health Counseling Specialization</u>	
COUN 5310 Clinical Mental Health Counseling: Principles & Practices	3
<u>Area C/Professional Clinical Experience</u>	
COUN 5400 School Counseling Practicum. OR	3
COUN 5410 Clinical Mental Health Counseling Practicum	3
COUN 5500 School Counseling Internship I OR	3
COUN 5510 Clinical Mental Health Counseling Internship I	3
COUN 5600 School Counseling Internship II OR	3
COUN 5610 Clinical Mental Health Counseling Internship II	3
COUN 5999S School Counseling Comprehensive Examination	0
COUN 5999M Clinical Mental Health Counseling Comprehensive Examination	0
TOTAL SEMESTER HOURS REQUIRED	60

ELECTIVE COURSE OFFERINGS

*Semester
Hours*

COUN 5030 Substance Abuse and Addictions Counseling	3
COUN 5035 Clinical Perspectives in Human Sexuality	3
COUN 5135 Introduction to Play Therapy	3
COUN 5140 Advanced Play Therapy	3
COUN 5200 Special Topics in Counseling	3
COUN 5700 Thesis in Counseling	3

**MASTER OF ARTS IN TEACHING (M. A. T.)
(INITIAL CERTIFICATION)**

M.A.T.: ELEMENTARY EDUCATION (GRADES 1-5)

REQUIRED COURSES

<i>Knowledge of the learner and the Learning Environment</i>	<i>Semester Hours</i>
EDCI 5220 Growth and Development of the Child and Adolescent	3
EDCI 5040 The Exceptional Child	3
EDCI 5042E Classroom Organization and Management	3
EDCG 5090 Advanced Educational Psychology	3
EDCI 5382 Survey of Assessment	3

<i>Methodology and Teaching</i>	<i>Semester Hours</i>
EDCI 5340 Elementary School Curriculum	3
EDCI 5060 Multicultural Education	3
EDCI 5130 Foundations of Reading	3
EDCI 5170 Diagnostic/Prescriptive Reading Instruction	3
EDCI 5200 Reading Practicum	3

<i>Teaching and Internship</i>	<i>Semester Hours</i>
EDST 5372 A/B Internship (Full Year) OR	3/3
EDUC 5380 Student Teaching (One Semester)	6
EDCI 5999 Comprehensive Examination PRAXIS PLT	0
TOTAL HOURS	36

M.A.T.: SECONDARY EDUCATION (GRADES 6-12)
(English, Mathematics, Biology, Chemistry, Physics, French, Spanish,
Business Education, Social Studies)

REQUIRED COURSES

<i>Knowledge of the learner and the Learning Environment</i>	<i>Semester Hours</i>
EDCI 5040 The Exceptional Child	3
EDCG 5090 Advanced Educational Psychology	3
EDCI 5042 Classroom Organization and Management	3
EDCG 5090 Advanced Educational Psychology	3
EDCI 5282 Survey of Assessment	3

<i>Methodology and Teaching</i>	<i>Semester Hours</i>
EDCG 5500 Instructional Technology	3
EDCI 5140 Reading in the Content Area	3
EDCI 5060S Multicultural Education	3
EDCI 5380 Secondary School Curriculum Trends	3
EDCI 5170 Diagnostic Prescriptive Reading Inst.	3

<i>Teaching and Internship</i>	<i>Semester Hours</i>
EDST 5372A/B Internship (Full Year) OR	3/3
EDUC 5380 Student Teaching (One Semester)	6
EDCI 5999 Comprehensive Examination PRAXIS PLT	0
TOTAL HOURS	36

M.A.T.: ALL LEVELS GRADES K-12
(Art, Dance, Chinese, French, German, Latin, Spanish, Health & Physical Education, Music-Instrumental and Vocal)

REQUIRED COURSES

<i>Knowledge of the learner and the Learning Environment</i>	<i>Semester Hours</i>
EDCI 5040 The Exceptional Child	3
EDCG 5090 Advanced Educational Psychology	3
EDCI 5042 Classroom Organization and Management	3
EDCG 5090 Advanced Educational Psychology	3
EDCI 5282 Survey of Assessment	3

<i>Methodology and Teaching</i>	<i>Semester Hours</i>
EDCG 5500 Instructional Technology	3
EDCI 5140 Reading in the Content Area	3
EDCI 5060S Multicultural Education	3
EDCI 5340 Elementary School Curriculum	3
EDCI 5380 Elementary School Curriculum	3
EDCI 5380 Secondary School Curriculum Trends	3

<i>Teaching and Internship</i>	<i>Semester Hours</i>
EDST 5372A/B Internship (Full Year) OR	3/3
EDUC 5380 Student Teaching (One Semester)	6
EDCI 5999 Comprehensive Examination PRAXIS PLT	0
TOTAL HOURS	36

M.A.T.: ELEMENARY/SPECIAL EDUCATION (GRADES 1-5)

REQUIRED COURSES

<i>Course Number and Title</i>	<i>Semester Hours</i>
EDCI 5040 The Exceptional Child	3
EDCG 5090 Advanced Educational Psychology	3
EDCI 5340 Elementary school Curriculum	3
EDCI 5130 Foundations of Reading	3
EDCI 5140 Diagnostic Prescriptive Reading	3
EDCI 5200 Practicum in Reading	3
EDCI 5055 Vocational and Transitional Services	3
EDCI 130 Methods of Teaching Students with Learning and Behavioral Problems	3
EDCI 5910 Behavioral Approaches to Managing the Mild Moderate	3
EDCI 5282 Survey of Assessment	3
EDST 5372A/B Internship OR	3/3
EDUC 5380 Student Teaching	6
EDCI 5999 Comprehensive Exam (Praxis PLT & Special Ed.)	0
TOTAL HOURS	36

**M.A.T.: MIDDLE SCHOOL/SPECIAL EDUCATION (Grades 4-8)
(English, Mathematics, Science, Social Studies)**

REQUIRED COURSES

<i>Course Number and Title</i>	<i>Semester Hours</i>
EDCI 5040 The Exceptional Child	3
EDCG 5090 Advanced Educational Psychology	3
EDCI 5380 Secondary school Curriculum Trends	3
EDCI 5130 Foundations of Reading	3
EDCI 5140 Diagnostic Prescriptive Reading	3
EDCG 5140 Reading in the Content Area	3
EDCI 5055 Vocational and Transitional Services	3
EDCI 130 Methods of Teaching Students with Learning and Behavioral Problems	3
EDCI 5910 Behavioral Approaches to Managing the Mild Moderate	3
EDCI 5282 Survey of Assessment	3
EDST 5372A/B Internship OR	3/3
EDUC 5380 Student Teaching	6
EDCI 5999 Comprehensive Exam (Praxis PLT & Special Ed.)	0
TOTAL HOURS	36

M.A.T.: SECONDARY/SPECIAL EDUCATION (GRADES 6-12)
(English, Mathematics, Biology, Chemistry, Physics,
Social Studies, French, Spanish)

REQUIRED COURSES

<i>Course Number and Title</i>	<i>Semester Hours</i>
EDCI 5040 The Exceptional Child	3
EDCG 5090 Advanced Educational Psychology	3
EDCI 5380 Secondary School Curriculum Trends	3
EDCI 5130 Foundations of Reading	3
EDCI 5140 Diagnostic Prescriptive Reading	3
EDCI 5200 Practicum in Reading	3
EDCI 5055 Vocational and Transitional Services	3
EDCI 130 Methods of Teaching Students with Learning and Behavioral Problems	3
EDCI 5910 Behavioral Approaches to Managing the Mild Moderate	3
EDCI 5282 Survey of Assessment	3
EDST 5372A/B Internship OR	3/3
EDUC 5380 Student Teaching	6
EDCI 5999 Comprehensive Exam (Praxis PLT & Special Ed.)	0
TOTAL HOURS	36

Add-On Certification Programs

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:

ECSS 5130	Foundations of Reading	3
ECSS 5170	Diagnostic and Prescriptive Reading	3
ECSS 5200	Practicum in Reading	3
ECSS 5140	Reading in the Content Area	3

Educational Technology Facilitator Add-On

Candidates must have a valid teaching certificate at the bachelor's level and complete the following 9 credit hours of coursework:

EDCG 5500	Instructional Technology	3
EDCG 5600	Advanced Instructional Technology	3
EDCG 5700	Technology Leadership in Schools	3

Teacher Leader Add-On

Candidates must have a valid teaching certificate at the bachelor's level and complete the following 8 credit hours of coursework:

EDAD 5555	Visionary Leadership	3
EDAD 5551	Visionary Leadership Internship	1
EDAD 5030	Collaborative Leadership	3
EDAD 5030I	Collaborative Leadership Internship	1

GRADUATE EDUCATION COURSE DESCRIPTIONS

COUN – COUNSELING

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

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 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)*

COUN5410. 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 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)**

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)**

EDAD – EDUCATIONAL LEADERSHIP

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.

EDAD 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): None.* **(3, Fa)**

EDAD 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 EDAD 5020 or permission of advisor and instructor.* **(1, Fa)**

EDAD 5030. 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)**

EDAD 5030I. Collaborative Leadership Internship. Internship hours will be completed concurrently with course work using the modular format. *Prerequisite(s): Concurrent enrollment with EDAD 5030 or permission of advisor and instructor.* **(1, Sp)**

EDAD 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): None.* **(3, Sp)**

EDAD 5040I. Organizational Leadership Internship. Internship hours will be completed concurrently with course work using the modular format. *Prerequisite(s): Concurrent enrollment with EDAD 5040 or permission of advisor and instructor.* **(1, Sp)**

EDAD 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): None. (3, Su)*

EDAD 5060I. Curriculum Progression Internship. Internship hours will be completed concurrently with course work using the modular format. *Prerequisite(s): Concurrent enrollment with EDAD 5060 or permission of advisor and instructor. (1, Su)*

EDAD 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): None. (3, Su)*

EDAD 5540I. Educational Law Internship. Internship hours will be completed concurrently with course work using the modular format. *Prerequisite(s): Concurrent enrollment with EDAD 5540 or permission of advisor and instructor. (1, Su)*

EDAD 5555. 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)*

EDAD 5555I. Visionary Leadership Internship. Internship hours will be completed concurrently with course work using the modular format. *Prerequisite(s): Concurrent enrollment with EDAD 5555I or permission of advisor and instructor. (1, Fa)*

EDAD 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. **(3, Sp)**

EDAD 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 EDAD 5570 or permission of advisor and instructor. (1, Sp)*

EDAD 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 "B" grade in each of the following courses: EDAD 5020/I, EDAD 5030/I, EDAD 5040/I, EDAD 5060/I, EDAD 5540/I, EDAD 5555/I, EDAD 5570/I, EDAD 5580/I, EDCG 5010, EDCG 5070. (2, Sp)*

EDAD 5999. Comprehensive Examination in Educational Leadership. Passing score on the Praxis School Leadership Exam. **(0)**

EDAD 6000 (LSTS 6000). Current Problems & Issues in Educational Leadership. In this course candidates will be introduced 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. **(3, Sp)**

EDAD 6010 (LSTS 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, Su)**

EDAD 6020 (LSTS 6020). School Business Management. This course 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 a team to its full potential. **(3, Fa)**

EDAD 6030 (LSTS 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. **(3, Sp)**

EDAD 6040 (LSTS 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. **(3, Su)**

EDAD 6050 (LSTS 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. **(3, Fa)**

EDCG – GRADUATE EDUCATION

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.

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 5350. Advanced Adolescent Psychology. This course includes the study of theories of adolescence; the physical, cognitive, affective, moral, and social development of adolescents and their inter-relationships; the implications of the foregoing knowledge for the educator are also discussed. *Prerequisite(s): None. (3, Sp)*

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)*

EDCI – CURRICULUM AND INSTRUCTION

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.

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 5220. Growth and Development of the Child and Adolescent. Acquaints the graduate student with the individual processes of growth and development. The influence of the environment on the growth and development of the child and adolescent are considered extensively and the areas of drugs, child abuse, stress and AIDS are discussed for an inclusive understanding of the child and his/her unique needs. *Prerequisite(s):* None. **(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 5472. Seminar I. The first part of a two semester course that serves to provide mentoring and assistance to candidates participating in the Practitioner Teacher Program at the special education and secondary mathematics and science areas. *Prerequisite(s):* None. **(3, Fa)**

EDCI 5474. Seminar II. The second part of a two semester course that serves to provide mentoring and assistance to candidates participating in the Practitioner Teacher Program at the special education and secondary mathematics and science areas. *Prerequisite(s): None.* (3, Sp)

EDCI 5560P/S. Internship. 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. *Prerequisite(s): EDCI 5800; Concurrent enrollment in EDC5560 P/S.* (3, FaSp)

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)

EDST – GRADUATE STUDENT TEACHING

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.

EDST 5372A/B. 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. (3/3, FaSp)

EDUC – GRADUATE GENERAL EDUCATION

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.

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. *Prerequisite(s): (6, FaSp)*

GENG – GRADUATE ENGLISH

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.

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)**

MASTER OF THEOLOGY REQUIREMENTS

GENERAL REQUIREMENTS

Semester Hours	
Total Requirements	40
Introductory and Core Courses	22
Electives	12
Practicum (Thesis and Praxis)	6

SEQUENCE OF COURSES

Course Numbers and Titles	Semester Hours
Introductory (Required of all first year students)	
IBTH 5000 Pro-seminar (Methodology)	1
IBTH 5010 Black Approaches to Theology	3
Core Courses	
IBTH 5020 History of Black Catholicism	3
IBTH 5030 Black Approaches to Scripture	3
IBTH 5060 Black Psychology	3
IBTH 5600 Moral Question in Black Community	3
One course from aesthetics: (IBTH 5425, 5430, 5440)	3
One course from systematics: (IBTH 5081, 5095)	3
Qualifying Exam	
IBTH 5999 Qualifying Exam	0
Integrative Exercises	
IBTH 6000 Practicum (Thesis and Praxis)	6
IBTH 7000 Comprehensive Exam*	0
Total Hours	40

* Students must notify the Associate Director for the Degree Program of their intention to take the comprehensive examinations the summer before they expect to graduate.

MASTER OF THEOLOGY ELECTIVES

Course Numbers and Titles	Semester Hours
THEOLOGY	
Systematics	
IBTH 5081 Christology	3
IBTH 5095 Church: The Mission	3
IBTH 5100 African, Black, Liberation Theologies	3
Philosophy	
IBTH 5110 Black Philosophy	3
History	
IBTH 5025 Black Saints	3
IBTH 5200 History of Black Church: USA	3
IBTH 5210 History of Black Catholic Movements and Organizations	3
IBTH 5224 African Middle Ages	3
Aesthetics	
IBTH 5040 Black Religion and the Arts	3
IBTH 5425 Slave Narratives	3
IBTH 5430 Spirituality of Black Literature	3
IBTH 5440 The Spirituals	3
Spirituality	
IBTH 5220 History of Black Spirituality	3
IBTH 5700 Major Themes in Black Religious Experience	3
IBTH 5710 Black Spirituality	3
Advanced Courses	
IBTH 5997 Integrative Colloquium	3
IBTH 5998 Directed Readings	3

INSTITUTE FOR BLACK CATHOLIC STUDIES COURSE DESCRIPTIONS

IBTH - INSTITUTE FOR BLACK CATHOLIC STUDIES

IBTH 5000. Proseminar. This course introduces students to Black Catholic Studies as a constituent component of African American religious studies. It presents the methods of the disciplines that form the core of the degree curriculum and, in particular, assists students to become familiar with pertinent theological issues, vocabulary, and traditions. *(Required for all new students). (1)*

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 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 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 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 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 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 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 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 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)

COLLEGE OF PHARMACY

<http://www.xula.edu/cop/index.php>

GENERAL INFORMATION

The Xavier University College of Pharmacy holds a place of distinction among the nation's colleges of pharmacy. The College is dedicated to bringing minority youth into the learned profession of pharmacy. For years, Xavier has been among the top three producers in the nation of African Americans with a Doctor of Pharmacy degree. Even with that commitment to minority education, the College 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) Providing drug distribution,
 - c) Providing drug information to other members of the health care team and to the public, and
 - d) Effectively relating to patients and to 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 pre-pharmacy 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 (pre-pharmacy) curriculum as specified (see the Department of Chemistry section for details of this curriculum), prior to being admitted to the Pharm.D. program. 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 order to be considered for admission to the Doctor of Pharmacy program, students must have an overall GPA of 2.75 in required pre-pharmacy courses, a 2.75 GPA in all required pre-pharmacy math and science courses, and a minimum grade of "C" in all pre-pharmacy courses. Selected applicants are required to appear on campus for a personal interview as part of the admissions process.

All students must adhere to the exact deadlines/dates specified on the College of Pharmacy webpage for the following:

- October - Deadline to submit the following documents:
- A. Online application
 - B. Statement of Interest form

C. Pre-Pharmacy Requirements form

November - Deadline to submit the following documents:

- A. Recommendation forms (3 required)
- B. Supplemental Information form
- C. Certificate of Financial Support (non-citizens only)
- D. Official transcripts from each college or university attended

All applicants are required to take the Pharmacy College Admissions Test (PCAT). The deadline to submit PCAT scores is posted on the College of Pharmacy webpage.

The College of Pharmacy has implemented a five-year limit policy on the completion of all pre-requisite math and science courses. Therefore, 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 a letter to the Admissions Committee.

General ethics courses will not be considered in fulfillment of the health ethics requirement at Xavier University of Louisiana. Transfer credit for PHIL 2400 Health Ethics must be a comparable course in bioethics, medical ethics or health ethics. Any course transferred from an institution other than Xavier shall be subject to review.

Students transferring to Xavier from another college or university must also comply with the requirements for admission to Xavier University. Any required pre-pharmacy 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.

Students transferring from another College of Pharmacy or other professional school must submit a letter of good standing from the Dean of that college.

COLLEGE OF PHARMACY ACADEMIC POLICIES

The Pharmacy Academic Standing Committee evaluates all students' progress in the professional curriculum at the end of each academic year and/or each semester when necessary. Students who are determined not to be in "good standing" will be placed on probationary status or dismissed from the College.

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 209(10) 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.

ENTRY-LEVEL PROFESSIONAL PROGRAM

Doctor of Pharmacy

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

Semester Hours

1st 2nd

Semester Semester

PHCL 3350	2		Biomedical Immunology
PHCL 3450/3450L-3460	4	3	Human Anatomy/Human Phys.
PHCY 3030	2		Intro. to Pharmacy I
PHCY 3041		1	Pharmacy Skills Lab I
PHCY 3150	2		Pharmacy Calculations
PHCY 4600	3		Biostatistics
PHCY 4600D	0		Biostatistics Drill
PHCT 4050/4050L		4	Pharmaceutics I
PHSC 3622		2	Principles of Drug Action
PHSC 3640		3	Molecular Biol. & Biotechnology
PHSC 4120	3		Pharmaceutical Biochemistry
PCLN 4701-4702	1	1	Intro. Pharm. Practice Exp I
PCLN 4703*	0	0	Intro. Pharm. Practice Exp I Seminar
Pharmacy Elective		2(3)	Pharmacy Elective**
	17	16(17)	

SECOND YEAR

PCLN 4660		5	Disease State Management I
PCLN 4660D		0	DSM I Drill/Case Studies***
PHAD 4450		2	Behavioral Pharmacy/Comm.
PHAD 4450D		0	Behavioral Pharmacy/Comm. Drill
PHCH 4450-4460	3	3	Medicinal Chemistry I-II
PHCL 4310	4		Pathophysiology
PHCL 4510-4520/4520L	4	4	Pharmacology I-II
PHCT 4060	3		Pharmaceutics II
PHCT 4480		3	Biopharm/Bsc. Pharmacokinetics
PHCY 4042	1		Pharmacy Skills Lab 2
PHSC 3632	1		Pharmaceutical Sciences Lab
PCLN 4801-4802	1	1	Intro Pharm. Practice Exp II
	17	18	

THIRD YEAR

PCLN 4370/4370L	4		Pharmacy Practice
PCLN 4590	3		Applied Pharmacokinetics
PCLN 4670-4680	5	5	Disease State Management II-III
PCLN 4670D-4680D	0	0	DSM II-III Drill/Case Studies***
PHAD 4410	3		Pharmacy Management
PHAD 4430		3	Practice Management /P'coecon.
PHAD 4520		2	Pharmacy Law
PHCY 4310-4320	1	1	Research & Literature Eval. I-II
PHCY 4430		3	Basic and Clinical Nutrition
PCLN 4901-4902	1	1	Intro Pharm. Practice Exp III
Pharmacy Elective		2(3)	Pharmacy Elective**
	17	17(18)	

*PCLN 4703 is a supplement to the first year introductory pharmacy practice experiences and must be taken each semester.

**The Pharmacy elective may be taken in the first year or the third year.

***A Drill or Clinical Case Study session will be offered concurrently with each Disease State Management course.

FOURTH YEAR (Including Summer Session) Seven 6-Week Rotations (6 semester hours each)

PCLN 5302-5304	Community Pharmacy Practice
PCLN 5305-5307	Hospital Pharmacy Practice
PCLN 5312-5314	Ambulatory Care Practice
PCLN 5322-5324	Acute Care-Internal Medicine Practice
PCLN 5332	Drug Information Services
PCLN 5335	Inpatient Infectious Disease Elective
PCLN 5336	Outpatient Infectious Disease Elective
PCLN 5337	Diabetes Education & Management Elective
PCLN 5338	Women's Health Services Elective
PCLN 5339	Asthma Education & Mgmt. Elective
PCLN 5340	Intensive Care Pharmacotherapy Elective
PCLN 5350	Pharmacy Compounding Practice Elective
PCLN 5351	Home Infusion Pharmacy Elective
PCLN 5352	Nuclear Pharmacy Practice Elective
PCLN 5353	Hospice Pharmacy Practice Elective
PCLN 5354	Specialty Hospital Practice Elective
PCLN 5355	Long Term Care Pharmacy Practice Elective
PCLN 5359	Pharmacy Benefit Management Elective
PCLN 5360	Chain Pharmacy Management Elective
PCLN 5361	Professional Organizations Practice Elective
PCLN 5362	Health System Pharmacy Management Elective
PCLN 5363	Pharmaceutical Sales & Liaison Services Elective
PCLN 5402-5404	Research Elective: Pharmacy Administration I-III
PCLN 5405-5407	Research Elective: Minority Health & Health Disparities I-III
PCLN 5408-5410	
PCLN 5411-5412	Research Elective: Basic Pharmaceutical Science I-III
PCLN 5422	Research Elective: Clinical Drug Trials I-II
PCLN 5501-5502	Professional Experience in Teaching Elective
	Professional Experience Program Meetings I-II
PHCY 5500 (1 semester hour)	Seminar

**SUMMARY: ENTRY-LEVEL PROFESSIONAL PROGRAM
Doctor of Pharmacy**

	Semester Hours			Semester Hours
Pharmacy Administration	10	Pharmaceutical Sciences		9
Clinical Pharmacy	70	Pharmacology		21
Pharmaceutics	10	Pharmacy (required)		14
Pharmaceutical Chemistry	6	Pharmacy Elective		2(3)
Total Semester Hours				142(143)

COLLEGE OF PHARMACY COURSE SYMBOLS

Division of Clinical and Administrative Sciences:

PCLN -- Clinical Pharmacy
 PHAD -- Pharmacy Administration
 PHCY -- Pharmacy

Division of Basic Pharmaceutical Sciences:

PHCH -- Medicinal Chemistry
 PHCL -- Pharmacology
 PHCT -- Pharmaceutics
 PHCY -- Pharmacy
 PHSC -- Pharmaceutical Sciences

College of Pharmacy Course Descriptions

DIVISION OF BASIC PHARMACEUTICAL SCIENCES

MEDICINAL CHEMISTRY (PHCH)

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHCH 4450-4460. Medicinal Chemistry I and II. Chemistry of drugs and related endogenous compounds, structures, classifications, structure-activity relationships, mechanisms of actions, physicochemical properties, and metabolism. *Prerequisite for both: PHSC 3622. Corequisite for 4450: PHSC 3632L, Prerequisite for 4460: PHSC 3632L. (3-3, Fa-Sp)*

PHARMACOLOGY (PHCL)

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHCL 3350. 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 3450-3460/3450L (BIOL 3450/3450L-3460). Human Physiology and Anatomy. 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. (3-3/1, Fa-Sp)*

PHCL 4310. Pathophysiology. Principles of general and systemic disease processes. Emphasis placed on etiology, clinical findings and pathogenesis of selected diseases. *Prerequisites: PHSC 4120, PHCL 3450, PHCL 3450L, PHCL 3460, PHCL 3350, PHSC 3640. (4, Fa)*

PHCL 4510-4520/4520L. Pharmacology I and II. Principles and mechanisms by which chemical agents modulate physiological functions. The laboratory addresses applications of pharmacological concepts. Major topics include basic principles, autonomic, cardiovascular, renal, endocrine, gastrointestinal, and central nervous system pharmacology, autacoids, immunomodulators, antimicrobial and anticancer agents. *Prerequisites: PHSC 4120, PHSC 3622, PHCL 3350, PHSC 3640, Corequisite of 4510: PHCL 4310. Prerequisite for 4520/4520L: PHCL 4310. (4-3/1, Fa-Sp)*

PHARMACEUTICS (PHCT)

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHCT 4050/4050L 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 3150, Corequisites: PHCY 4050 and 4050L are mutually corequisite. (3/1, Sp)*

PHCT 4060. 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: PHSC 3622, PHCY 3150. (3, Fa)*

PHCT 4480. 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 behind the assessment of bioavailability and bioequivalence, drug interactions and calculations of dosage regimens. *Prerequisites: PHCT 4050 and PHCT 4060. (3, Sp)*

PHARMACY (PHCY)

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHCY 3010. Exploring Global Health Disparities. The purpose of this course is to expose 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. *Prerequisites: Admission to the College of Pharmacy (2, Fa or Sp)*

PHCY 3030. Introduction to Pharmacy. Introduction to history of pharmacy, healthcare, epidemiology, preventive medicine, pharmacy laws and regulations, pharmacy careers and applications of technology in pharmacy. Includes basics of pharmacy practice and use of traditional and electronic drug information resources. *Prerequisite: Admission to College of Pharmacy. (2, Fa)*

PHCY 3041. Pharmacy Skills Lab 1. Experiences designed to assure students are prepared to deal with the technologies and computer systems that permeate the health care environment. **(1, Sp)**

PHCY 3150. Pharmaceutical Calculations. Reviews basic arithmetic skills and discusses fundamental calculations encountered in the practice of pharmacy. *Prerequisite: Admission to the College of Pharmacy.* **(2, Fa)**

PHCY 4000. Women's Health. Women's health is an elective course focusing 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: Successful completion of all first year pharmacy courses, PHCL 4310, PHCL 4510, and PHCH 4450.* **(2, Sp)**

PHCY 4001. Cancer: Causes (BIOL 4000), Treatment and Disparities. This elective course is 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. *Pharmacy Prerequisite: PHSC 3640.* **(3, Sp)**

PHCY 4042. Pharmacy Skills Lab 2. Experiences designed to prepare the students for clinical practice including physical assessment skills in selected anatomical systems and introduction to interviewing and counseling techniques. **(1, Fa)**

PHCY 4100. Advanced Pediatric Pharmacotherapy. Designed to prepare 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. The course will also focus 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 4310-4320. Research and Literature Evaluation I and II. Introduction to theory and practice of research methodology and evaluation of literature in biomedical sciences. Topics include protocol development, study designs, sampling techniques, data collection, measurement and analysis, ethical and regulatory considerations as well as techniques for evaluating and summarizing medical literature. *Prerequisite: PHCY 4600 and enrollment in College of Pharmacy for two years. PHCY 4310 is a prerequisite to PHCY 4320.* **(1-1, Fa-Sp)**

PHCY 4350. Herbs & Other Complementary & Alternative Medicine. This elective course is designed to provide the student with information about the common uses of popular herbal products and other important complementary and alternative medicines (i.e. dietary supplements) in the United States. The course will include a discussion of plant parts, historical origination, mechanism of action as available, adverse effects, drug interactions, safety, efficacy and quality control issues. *Prerequisite: PHCL 4310, PCLN 4660, PCLN 4670.* **(3, Sp)**

PHCY 4430. Basic and Clinical Nutrition. Basic nutrition concepts are covered as background information for clinical nutrition as a therapy for and management of disease states. The course covers a range of specific human nutrition topics, including but not limited to metabolism, life cycle nutrition requirements, the mechanism and requirements of nutritional supplements as well as herbals, drug and food interactions, enteral nutrition, and parenteral nutrition. *Prerequisite: PHSC 4120 and enrollment in College of Pharmacy for one year.* **(3, Sp)**

PHCY 4600. Biostatistics. Introduction to basic biostatistical principles and statistical concepts, principles and methods used in designing experiments, analyzing data and drawing inference in biomedical/pharmaceutical sciences. The student shall also be exposed to the use of a statistical software package. *Prerequisite: Admission to the College of Pharmacy.* **(3, Fa)**

PHCY 4830. Drug-Induced Diseases. This elective course is designed to provide the students with information on drug-induced disease states through 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. This should provide the background for students to recognize drugs that cause disease 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. *Prerequisite: Pharmacology I and II, and Pathophysiology. (3, Sp)*

PHCY5500. Seminar. Designed to provide experience in preparation and presentation of pharmacy related topics to professional peers. Seminar topic categories include pharmacy practice, therapeutic issues, and over the counter prescription products. *Prerequisites: Completion of all first, second and third year pharmacy courses. (1, FaSp)*

PHARMACEUTICAL SCIENCES (PHSC)

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHSC 3622. Principles of Drug Action. Concepts and principles across a range of basic pharmaceutical sciences including medicinal chemistry, pharmacology, toxicology and pharmacokinetics. Major topics addressed include physicochemical properties, drug stability, metabolism, pharmacodynamics, toxicity, pharmacokinetics, drug design and radiopharmacy. *Prerequisite: PHSC 4120. (2, Sp)*

PHSC 3632L. Pharmaceutical Sciences Lab. Topics include laboratory safety, scientific report preparation, partition coefficients, distribution phenomena, buffers, drug lability, enzyme function, biotechnology and immunology. *Prerequisite: PHSC 3622. (1, Fa)*

PHSC 3640. Molecular Biology and Biotechnology. Molecular biology concepts applied to pharmacy with emphasis on components, techniques and products of pharmaceutical biotechnology. *Prerequisites: Admission to the College of Pharmacy and PHSC 4120. (3, Sp)*

PHSC 4120. Pharmaceutical Biochemistry. Students will be introduced to the structure and function of biomolecules, including their metabolism, synthesis, and degradation. They will learn major biochemical pathways and biochemical energetics. Students who complete the course will be aware of the significance of biochemistry relative to specific clinical problems. They will be cognizant of diseases derived from aberrant biochemical processes and of biochemical solutions based upon an understanding of molecular cellular processes. *Prerequisites: CHEM 2220 or equivalent. Limited to Pharmacy students. (3, Fa)*

PHSC 4200. Introduction to Pharmacogenomics. Students will be introduced to the genetic basis for disease, drug action and the alteration of drug metabolism; the genome and proteomic principles relative to disease and drug development; and the genetic basis for individualizing drug doses. Upon completion, students will be able to describe and define basic pharmacogenomics (PGx) concepts and taxonomy, describe polymorphism types and their impact on pharmacokinetics (PK) and pharmacodynamics (PD), identify therapeutic areas in which PGx testing can be applied in the clinical setting, summarize evidence-based recommendations for PGx testing, and formulate a plan for PGx testing based upon available scientific evidence using patient case scenarios. *Prerequisites: PHSC 3640, PHCT 4480 (3, Fa or Sp).*

DIVISION OF CLINICAL AND ADMINISTRATIVE SCIENCES

CLINICAL PHARMACY (PCLN)

The Fall (Fa), Spring (Sp), or Summer (Su) sessions indicated are expected but are not guaranteed.

PCLN 4310. Self Care Therapeutics. This course is intended to provide students with the ability to properly select and use non-prescription medications for self-treatment of various diseases. The course will focus on building interpersonal clinical communication skills, self-care management, and self-directed learning. *Prerequisites:* PHAD 4450/4450D, PHCY 4042, PCLN 4701, PCLN 4702, PCLN 4801, PCLN 4802, PCLN 4370/4370L, PCLN 4660/4660D. *Corequisites:* PCLN 4901 or 4902. **(2, Fa or Sp)**

PCLN 4370. Pharmacy Practice. Provides an orientation to various areas of contemporary pharmacy practice. Topics include practices in community, institutional, industrial, nuclear, long term care, and clinical pharmacy. Application of knowledge is emphasized. *Prerequisites:* PHCY 3030, PHCL 4510-4520/4520L, PHAD 4450, PHCT 4050/4050L, PHCT 4060 and PHCH 4450- 4460. *Corequisite:* PCLN 4370L. **(3, Fa)**

PCLN 4370L. Pharmacy Practice Lab. Simulation of professional activities associated with community and institutional pharmacy practices. *Corequisite:* PCLN 4370. **(1, Fa)**

PCLN 4590. Applied Pharmacokinetics. Focuses on principles of therapeutic drug monitoring and clinical pharmacokinetics of select drugs in different patient populations and disease states. *Prerequisites:* PHCL 4510, PHCL 4520-4520L, PHCT 4480. **(3, Fa)**

PCLN 4660-4670-4680. Disease State Management I, II & III. Information on clinical use of drugs. Focuses on assessment and medical management of various disease states, consideration and precautions in selection and dosing of medications, and recognition of significant adverse effects and toxicity of drugs. *For 4660 – Prerequisites:* PHCL 4310, PHCL 4510, PHCH 4450. *For 4670 – Prerequisites:* PCLN 4660, PHCL 4520/4520L, PHCH 4450-4460. *For 4680 – Prerequisite:* PCLN 4660, PHCH 4450-60. **(5-5-5, SpFaSp)**

PCLN 4660-4670-4680D. Disease State Management I, II, III Drill/Case Studies. These drill sections are designed to reinforce the lecture series through problem-based learning. **(0, SpFaSp)**

PCLN 4685. Advanced Topics in HIV/AIDS. This elective course is intended to provide a higher-level and more in-depth discussion of areas of contemporary concern and interest in the pharmaceutical care process of HIV/AIDS disease and its complications. *Corequisite:* PCLN 4680 or approval of instructor. **(2, Sp)**

PCLN 4701. Introductory Pharmacy Practice Experience I – Nutrition 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 4702. 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 4703. Introduction to Pharmacy Practice Experience I Seminar. Designed to supplement 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 prepare and enhance the IPPE curriculum. Seminar 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 4710. Advanced Topics in Critical Care Pharmacy. This course is designed to expose third professional year pharmacy students to advanced topics in critical care medicine. The purpose of this course is to present the students with an evidence based approach to the therapeutic and supportive management of critically ill patients. The course will use a systems approach in therapy management, addressing critical care topics not introduced in Disease State Management. It will also serve as an introduction to advanced topics in nutrition support, trauma medicine, emergency medicine and palliative care. *Prerequisites: PCLN 4660/4660D, PCLN 4670/4670D. (2, SP)*

PCLN 4730. Advanced Topics in Cardiology. This course presents students with an evidence based approach to the therapeutic and supportive management of advanced cardiology patients. The course will review basic topics covered in Disease State Management and will take a systems approach in managing advanced cardiology patients focusing on topics not covered in Disease State Management. The student will be introduced to information on the natural course of cardiovascular diseases in a population and the effect of interventions at critical points to delay or prevent morbidity or mortality. *Prerequisites: PCLN 4660/4660D, PCLN 4670/4670D (2,sp).*

PCLN 4801. Introductory Pharmacy Practice Experience II – Community. Students gain early pharmacy practice experience by completing 50 hours in a community pharmacy. *Prerequisites: Completion of PCLN4701 and PCLN 4702. (1, FaSp)*

PCLN 4802. Introductory Pharmacy Practice Experience II – Institutional. The objective of the second year experience is to provide students with an opportunity to become actively involved in the practice of pharmacy in the traditional community and institutional practice settings. *Prerequisites: Completion of PCLN4701 and PCLN 4702. (1, FaSp)*

PCLN 4901. Introductory Pharmacy Practice Experience III – Clinical. 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: Completion of PCLN 4660, PCLN 4801, and PCLN 4802. (1, FaSp)*

PCLN 4902. Introductory Pharmacy Practice Experience III – Medication Counseling. Students provide medication and lifestyle counseling to clients at local senior centers. The focus for the third year student is providing patient centered medication counseling. *Prerequisites: Completion of PCLN 4460, PCLN 4801, and PCLN 4802. (1, FaSp)*

PCLN 5302-5304. 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. (6-6, FaSpSu)*

PCLN 5305-5307. Hospital 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. (6-6, FaSpSu)*

PCLN 5312-5314. 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. (6-6, FaSpSu)*

PCLN 5322-5324. 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 5332. 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 5335. 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 5336. 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 5337. 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 5338. 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 5339. 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 5340. Intensive 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 5341. 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 5350. 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 5351. 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 5352. Nuclear Pharmacy Practice Elective. Elective rotation focused on the provision of medication therapy management and radioscopic 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 5353. 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 5354. 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 5355. 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 5359. 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 5360. 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 5361. 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 5362. 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 5363. 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 5364. 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 5365. International Global Health Elective. Elective rotation with a focus on international and global healthcare to include practice with multidisciplinary teams to solve issues of therapy management and drug distribution. International travel required. (6, FaSpSu)

PCLN 5402-5404. Research Elective: Pharmacy Administration I-III. Elective rotation focused in an area of health economics, social health, behavioral health or public policy. Recommended for students interested in clinical or health administration careers. *Prerequisite: Completion of all first, second, and third year pharmacy courses.* (6, FaSpSu)

PCLN 5405-5407. Research Elective: Minority Health & Health Disparities Research I-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 5408-5410. Research Elective: Basic Pharmaceutical Science I-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 5411-5412. Research Elective: Clinical Drug Trials I-III. Elective rotation focused on the operations and execution of Phase III and IV sponsored clinical trials. 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 5422. Pharmacy 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 5501-5502. Professional Experience Program Meetings I-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)**

PHARMACY ADMINISTRATION (PHAD)

The Fall (Fa) or Spring (Sp) semesters indicated are expected but are not guaranteed.

PHAD 4210. Pharmacy in Public Health. This course 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: Admission to the College of Pharmacy.* **(2, Fa or Sp)**

PHAD 4410. Pharmacy Management. Introduces economic, administrative, and social behavioral aspects associated with the operation of a pharmacy. Major topics include; organizational structure, policy formulation, financial analysis, purchasing and inventory control, personnel management, pricing, and promotion. *Prerequisites: ECON 1030, PSYC 1010 or SOCI 1010. Corequisite: PCLN 4370.* **(3, Fa)**

PHAD 4430. Practice Management and Pharmacoeconomics. Application of pharmacy management principles to practice settings and introduction to principles of economic outcomes assessment as tools in decision-making. *Prerequisite: PHAD 4410.* **(3, Sp)**

PHAD 4450. Behavioral Pharmacy and Communications. Emphasizes improvement of interpersonal communication to enhance patient understanding of therapeutic regimens and achievement of desired health outcomes. The theoretical framework is formed from the patient-centered model of the medication use process. *Prerequisites: Enrollment in College of Pharmacy for one academic year, PSYC 1010 or SOCI 1010.* **(2, Sp)**

PHAD 4520. Pharmacy Law. Study of the Federal Food, Drug and Cosmetic Act, Controlled Substance Act, HIPPA, 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 regulations around the United States. Includes an introduction to malpractice liability and medical legal issues. *Prerequisite: PCLN 4370/4370L. (2, Sp)*

PHAD 4560. Pharmaceutical Marketing. This elective course is designed to provide exposure to the business side of the pharmaceutical industry from a marketing perspective – specifically, marketing, marketing research, and advertising and promotion. *Prerequisite: PHCY 3030. (3, Fa or Sp)*

PHAD 4830. Drug Abuse Education. This course is designed to acquaint the student with the many factors of addiction through an examination of the physiological, sociological and legal implications of substance abuse as well as intervention techniques. It also includes conditions such as bipolar illness, pathological gambling, sexual hyperactivity and eating disorders which share similar features with the classical substance abuse paradigm. *Prerequisites: PHCL 4510, PHCL 4520, and achievement of P3 status. (3, Fa or Sp)*

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Mark Quinn
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Chair in Minority Health and Health Disparities
Conrad Hilton Chair in Entrepreneurship
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Ron Bechet	Victor Labat Professor in Fine Arts
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